

# Resettlement Plan

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Land Acquisition and Resettlement Plan  
November 2017

## ARM: Armenia-Georgia Border Regional Road (M6 Vanadzor-Bagrashen) Improvement Project (km 38.450 – km 90.190)

Prepared by the Ministry of Transport, Communications and Information Technologies (MTCIT)  
for the Asian Development Bank.

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Ում՝ Պարոն Դոնգ Սու Պայոյին  
Տրանսպորտի և կապի վարչության տնօրեն,  
Կենտրոնական և Արևմտյան Ասիայի  
բաժանմունք  
Ասիական զարգացման բանկ

To: Mr. Dong Soo Pyo  
Director of Transport and Communication  
Division  
Central and West Asia Department  
Asian Development Bank

Պատճենը՝ Պարոն Թոմաս Հերցին  
Տրանսպորտի մասնագետ,  
Տրանսպորտի և կապի Կենտրոնական և  
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Ասիական զարգացման բանկ

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Central and West Asia Department  
Asian Development Bank

Ծրագիր՝ Մ-6 Վանաձոր - Ալավերդի -  
Վրաստանի սահման միջպետական  
նշանակության ճանապարհի վերականգնման  
և բարելավման ծրագիր  
(Կմ38.450 -կմ90.190)

Project: M6 Vanadzor-Alaverdi-Georgian Border  
Interstate Road Rehabilitation and Improvement  
Project  
(Km38.450 -km90.190)

Թեմա՝ Մ-6 Վանաձոր-Ալավերդի Վրաստանի  
սահման ճանապարհի վերականգնման և  
բարելավման ծրագրի իրականացման  
պատրաստ ՀՕՏԾ-ի հաստատման

Subject: Submission of implementation ready  
LARP for M6 Vanadzor-Alaverdi-Georgian  
Border Interstate Road Rehabilitation and  
Improvement Project  
(Km38.450 -km90.190) for approval

Հարգելի պարոն Պայո

Dear Mr. Pyo

Ձեր հաստատմանն ենք ներկայացնում Ձեր  
մեկնաբանությունների հիման վրա  
վերանայված Մ-6 Վանաձոր - Ալավերդի -  
Վրաստանի սահման միջպետական  
նշանակության ճանապարհի վերականգնման և  
բարելավման ծրագրի (Կմ38.450 -կմ90.190)  
իրականացման պատրաստ ՀՕՏԾ-ն:

We are submitting for your approval the  
implementation ready LARP for M6 Vanadzor-  
Alaverdi-Georgian Border Interstate Road  
Rehabilitation and Improvement Project (Km38.450-  
km90.190) revised based on your comments.

Հարգանքով՝

Sincerely,

Վ. ԿԱՐԱՊԵՏՅԱՆ

V. KARAPETYAN

Կատ.՝ Ս. Պողոսյան

Prep: S. Poghosyan

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## ABREVIATIONS

|              |  |
|--------------|--|
| ADB          | Asian Development Bank   |
| AH           | Affected Households  |
| AHHs         | Affected Heads of Households   |
| AMD          | Armenian Dram  |
| AP           | Affected Person  |
| COI          | Corridor of Impact   |
| DMS          | Detailed Measurement Survey  |
| DD           | Detailed Design  |
| EA           | Executing Agency   |
| EM           | Entitlement Matrix   |
| EMA/EMIC     | External Monitoring Agency/External Monitoring Individual Consultant                             |
| EIB          | European Investment Bank   |
| GoA          | Government of Armenia  |
| GRM/GRG/GFP/ | Grievance Redress Mechanism, Grievance Review Group, Grievance Focal Person,                     |
| HH           | Household Head   |
| CR/EMCR      | LARP implementation Completion Report, LARP implementation External Monitoring Compliance Report |
| IP           | Indigenous People  |
| LAR          | Land Acquisition & Resettlement  |
| LARF         | Land Acquisition & Resettlement Framework  |
| LARP         | Land Acquisition & Resettlement Plan   |
| LGBs         | Local Self- Governing Bodies   |
| M&E          | Monitoring & Evaluation  |
| MTCIT        | Ministry of Transport, Communications and Information Technologies                               |
| NGO          | Non-Government Organization  |
| NSRCP        | North South Road Corridor Project  |
| NSS          | National Statistical Service   |
| PC           | Public Consultation  |
| PPR          | Project Progress Report to EIB on Semiannual basis   |
| TPIO         | Transport Projects Implementation Organization   |
| RA           | Republic of Armenia  |
| RoW          | Right of Way   |
| RP           | Resettlement Plan  |
| RCT          | Resettlement Coordination Team   |
| SCREC        | State Committee of Real Estate Cadaster  |
| SES          | Socio-Economic Survey  |
| SPS          | Safeguard Policy Statement   |
| SSSC         | Social Safeguards Support Consultant   |

## DEFINITION OF TERMS

|                                     |   |
|-------------------------------------|---|
| <b>Affected Household (AH)</b>      | The affected household as a whole. This unit operates as a single economic and domestic unit and may consist of an individual, a single nuclear family or an extended family.   |
| <b>Affected Person /People (AP)</b> | Any person (individual) affected by project-related changes in the use of land, water and other natural resources, or by project induced income losses. This could include both physical and economic displacement.   |
| <b>Compensation</b>                 | Payment for restoration or the replacement cost of the acquired assets.   |
| <b>Cut- off Date</b>                | This refers to the date prior to which the occupation or use of the project affected area makes owners/leaseholders/users of the same eligible to be categorized as affected persons/households under the project. Compensation eligibility is limited by a cut-off date set for each subproject, which is the date of drawing up of the affected property/assets description protocols (signing of protocols by APs and the Acquirer), where the data of implemented census, detailed measurement survey (DMS) and impact assessment are recorded. No compensation will be given for additional improvements made after the cut-off date, except of the cases provided the by the Law and LARF. Any encumbrance or rights towards the property to be acquired, given or obtained by third parties, compensation shall be given only in cases provided by the LARP.   |
| <b>Eminent Domain</b>               | A regulatory measure by government to obtain land.  |
| <b>Entitlement</b>                  | Range of measures comprising compensation, income restoration, transfer assistance, income substitution, and relocation, which are due to affected people, depending on the nature of their losses, to restore their economic and social base.  |
| <b>Expropriation</b>                | Government's action in taking or modifying property rights in the exercise of the right of Eminent Domain.  |
| <b>Host Population</b>              | Community residing near the area where the Project beneficiaries propose to voluntarily resettle as part of the Project.  |
| <b>Indigenous Peoples (IP)</b>      | "Indigenous Peoples" as used in the ADB's Policy on Indigenous Peoples encompasses a generic concept not easily reflected in a single term. Ethnic Minority is one of the other terms relating to the concept of indigenous peoples as addressed in the ADB policy. Others are "cultural minorities," "indigenous cultural communities," "tribal," "scheduled tribes," "natives," and "aboriginals." Accepted or preferred terms and definitions vary country by country. "Indigenous Peoples" is the term used in the United Nations documents, and is used by ADB solely for convenience. In Armenia, the term Ethnic Minority is considered more applicable. In this respect, to qualify for consideration as being covered under the ADB's IP Policy, an ethnic minority 'should be regarded as those with a social or cultural identity distinct from the dominant or mainstream society, which makes them vulnerable to being disadvantaged in the processes of development.' |

|                              |  |
|------------------------------|--|
| <b>Informal Tenants</b>      | An Affected Person who uses affected agricultural land or asset based on an informal agreement with an absent owner or the community as confirmed by a statement from a Community Leader.  |
| <b>Land Acquisition</b>      | The process whereby a person is compelled by a government agency to alienate all or part of the land a person owns or possesses to the ownership and possession of the government agency for public purpose in return for a consideration  |
| <b>Marz-Community</b>        | Armenia is divided into 10 provinces (marz). The province chief executive is the governor (marz) appointed by the Government. Each province is divided in communities (hamaynk) which are self-governing units and consists of one or more settlements (bnakavayr). Settlements are classified as towns (kaghak) or villages (gyugh). Previously having Marz status, Yerevan, now has the status of a community and it has an elected mayor.   |
| <b>Rehabilitation</b>        | Compensatory measures provided under the Policy Framework on involuntary resettlement other than payment of the replacement cost of acquired assets.   |
| <b>Relocation</b>            | The physical relocation of a AP/AH from her/his pre-Project place of residence/business  |
| <b>Replacement Cost</b>      | The replacement cost is calculated for acquired land, housing and other assets. The calculation of replacement cost is based on the following elements: (i) fair market value; (ii) transaction costs; (iii) interest accrued; (iv) transitional and restoration costs; (v) other applicable payments, if any. Depreciation of structures and assets are not taken into account.   |
| <b>Resettlement</b>          | All measures taken to mitigate any and all adverse impacts of the Project on AP's property and/or livelihood, including compensation, relocation (where relevant), and rehabilitation of the damaged/removed infrastructure and installations.   |
| <b>Resettlement Plan</b>     | A time-bound action plan with budget setting out resettlement strategy, objectives, entitlement, actions, responsibilities, monitoring and evaluation.   |
| <b>Vulnerable Households</b> | Vulnerable households are: (i) Registered in the evaluation system of vulnerability of families (ESVF) and receive a family poverty allowance, (ii) headed by a breadwinning women and not including other adult, working-age person with stable employment providing at least minimum monthly salary except for persons doing compulsory military service or full-time students under twenty-three years of age, (iii) households headed by persons entitled to old age pension and not including other adult, working-age person with stable employment providing at least minimum monthly salary except for persons doing compulsory military service or full-time students under twenty-three years of age, (iii) households headed by persons with disability of 1st and 2nd group and not including other adult, working-age person with stable employment providing at least minimum monthly salary except for persons doing compulsory military service or full-time students under twenty-three |

years of age, (iv) residential relocates, in case when the compensation cost calculated for their affected residential apartment is not enough to restore the minimum similar residential apartment based on the market conditions of the given region.

**Legalizable AP -**

APs who have no registered ownership or other property rights toward the affected land and/or adjacent building/asset but are legally eligible thereto based on actual possession and usage of property or law, or the possibility of obtainment of property rights of latters are directly resulting of or are disposed by RA legal acts.

**Non - legalizable  
AP**

APs who though actually possess and use affected land and adjacent asset but do not have legal possibility eligibility to obtain ownership or other property rights toward the affected land according to restrictive provisions and regulations of legislation.

## EXECUTIVE SUMMARY

### I. Background

1. The Asian Development Bank (ADB) has agreed to co-finance the M6 Vanadzor-Alaverdi-Georgian Border Interstate Road Rehabilitation and Improvement Project (hereinafter: Project) with the European Investment Bank (EIB). EIB has engaged an international consultant to complete a feasibility study, environment and social impact assessment, and detailed engineering design. The project road is about 90 km long. Section 1 (Km0+000-Km38+450) is financed by EIB (EIB-financed road section); and section 2 (Km38+450-Km91+190) is financed by ADB (ADB-financed road section). ADB financed road section of the Project will have no extensive land acquisition impacts and is classified as Category B for Involuntary Resettlement. This Land Acquisition and Resettlement (LAR) Plan (LARP) covers ADB financed section of the Project. It has been prepared by the Ministry of Transport, Communications and Information Technologies (MTCIT) of Armenia, the Project's Executing Agency (EA), to plan and implement LAR for the Project.

2. This LARP is based on the requirements of appropriate laws and regulations of the Republic of Armenia and ADB's Safeguards Policy Statement (SPS) of 2009 Preparation and implementation responsibility for this LARP rests on MTCIT. The Transport Projects Implementation Organization SNCO (TPIO) acts as an Implementing Agency (IA) for the Project.

3. The detailed design for M6 Vanadzor-Alaverdi-Georgian Border Interstate Road Rehabilitation and Improvement was confirmed in 2015 and several design solutions have been proposed in order to minimize the LAR impacts proceeded from DMS analysis in 2017.

### II. LAR-Related Conditions to Project Implementation

4. According to SPS 2009 provisions and ADB's established operational practice, the Project approval/implementation will be based on the following conditions:

- (i) **Project implementation clearance:** Conditional to: the finalization of the LARP as an implementation-ready document acceptable to ADB and GoA and its disclosure.
- (ii) **Start of Physical Civil Works:** Conditional to full implementation of the implementation-ready LARP (full compensation/rehabilitation delivery) to be properly reported to ADB by EA.<sup>1</sup>

### III. Land Acquisition and Resettlement Plan Objective and Scope

5. This LARP assesses the impacts of the Project and details the required compensation and rehabilitation measures based on a final detailed alignment, a final census of the Affected Persons (APs) and on a Detailed Measurement Survey (DMS) of each affected plot. The valuation of affected land and buildings is based on replacement cost rates. The AP socio-economic profile on a socio-economic survey (SES) based on available households conducted in September-November 2017.

6. The purpose of the LARP is to identify all persons and legal entities who will be affected by the Project implementation, to estimate the extent of the impact (i.e., what type of loss they will suffer and their value), and how they will be compensated or their incomes restored, to ensure that they are not worse off than in a "without project" situation. In all cases, the overall aim

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<sup>1</sup> The LARP implementation Completion report will be prepared by External Monitoring Individual Consultant (EMIC) hired by TPIO.

is to at least, restore the livelihoods and quality of life of the APs. The primary objective of the LARP is to provide necessary details for compensation, relocation and rehabilitation, including: i) identification of the extent of losses and impact of the project; ii) information disclosure, consultation and participation; iii) policy and framework for compensation payments and rehabilitation; (iv) rehabilitation program for severely affected and vulnerable households; v) complaints and grievance redress mechanism; vi) resettlement budget and financing plan including valuation of an estimated compensation for lost assets, relocation, and rehabilitation; vii) the institutional framework and implementation schedule of resettlement plan; and viii) monitoring of LARP implementation. In line with international good practice, consideration has been given during the LARP preparation to minimize the LAR impacts. Particularly, it was possible to adjust the originally defined RoW with proposed design solutions by designers based on the DMS in the field. As a result, the RoW has been re-defined and impacts have been assessed accordingly.

#### IV. Impacts Summary

7. AH/AP Census Survey and DMS of all affected assets was carried out from September-November, 2017.

8. The LARP identified 172 project affected households (AH), including owners and users of the lands/buildings, with a total of 492 household members.

9. In total, the Project will acquire 444 land plots from 168 AHs covering 526.018,54m<sup>2</sup> in 10 communities. The impact on privately owned land plots is 15.739.3 m<sup>2</sup>, community land plots is 177.197,8 m<sup>2</sup> and the land plots belong to RoA is 332.946,34 m<sup>2</sup> and 3 land plots measuring 135,1 m<sup>2</sup> are not identified by ownership status. In general, the Project affects only 3% of private owned lands in comparison with the total surface of lands (for all types of lands) in the Project affected zone. For community lands this percent is 33.7% and for RA lands is 63.3%.

10. The breakdown of affected land plots by construction Lots, communities and ownership status is shown below in table B. The 216 (48.7%) of totally affected 444 land plots are concentrated in Lot 1 and 114 (26.1%) and 112 (25.2%) in Lot 2 and Lot 3 respectively as presented in the table E1 below.

**Table E1: Summary of of Land Impacts by Lots and communities**

| Lot/ km                     | Lot 1               |            |     |                 | Lot 2               |            |     |                 | Lot 3               |            |     | Grand Total |
|-----------------------------|---------------------|------------|-----|-----------------|---------------------|------------|-----|-----------------|---------------------|------------|-----|-------------|
|                             | km 38+450-km 48+140 |            |     |                 | km 48+140-km 62+300 |            |     |                 | km 62+300-km 90+191 |            |     |             |
| Community /Ownership status | Privat e            | Comm unity | Gov | Non ident ified | Privat e            | Commu nity | Gov | Non identifi ed | Private             | Communi ty | Gov |             |
|                             | No                  |            |     |                 | No                  |            |     |                 | No                  |            |     |             |
| Akhtala                     | -                   | -          | -   | -               | -                   | -          | -   | -               | -                   | 7          | 2   | 9           |
| Aygehat                     | 2                   | 10         | 4   | -               | -                   | -          | -   | -               | -                   | -          | -   | 16          |
| Artchis                     | -                   | -          | -   | -               | -                   | -          | -   | -               | 1                   | 2          | 1   | 4           |
| Aqori                       | -                   | -          | -   | -               | -                   | 2          | -   | -               | -                   | -          | -   | 2           |
| Tumanyan                    | 1                   | -          | -   | -               | -                   | -          | -   | -               | -                   | -          | -   | 1           |
| Haghpat                     | -                   | -          | -   | -               | 10                  | 33         | 8   | -               | -                   | 13         | 4   | 68          |
| Neghots                     | -                   | -          | -   | -               | -                   | -          | -   | -               | 4                   | 26         | 5   | 35          |
| Shnogh                      | -                   | -          | -   | -               | -                   | -          | -   | -               | 8                   | 36         | 3   | 47          |
| Alaverdi city               | 20                  | 45         | 4   | 1               | 5                   | 45         | 11  | 2               | -                   | -          | -   | 133         |
| Odzun                       | 28                  | 94         | 7   | -               | -                   | -          | -   | -               | -                   | -          | -   | 129         |
| Ayrum*                      | -                   | -          | -   | -               | -                   | -          | -   | -               | -                   | -          | -   | -           |
| Haghtanak*                  | -                   | -          | -   | -               | -                   | -          | -   | -               | -                   | -          | -   | -           |

| Lot/ km                     | Lot 1               |            |     |                 | Lot 2               |            |     |                 | Lot 3               |            |     | Grand Total |
|-----------------------------|---------------------|------------|-----|-----------------|---------------------|------------|-----|-----------------|---------------------|------------|-----|-------------|
|                             | km 38+450-km 48+140 |            |     |                 | km 48+140-km 62+300 |            |     |                 | km 62+300-km 90+191 |            |     |             |
| Community /Ownership status | Privat e            | Comm unity | Gov | Non ident ified | Privat e            | Commu nity | Gov | Non identi fied | Private             | Communi ty | Gov |             |
|                             | No                  |            |     |                 | No                  |            |     |                 | No                  |            |     |             |
| Ptghavan*                   | -                   | -          | -   | -               | -                   | -          | -   | -               | -                   | -          | -   | -           |
| Bagratashe n*               | -                   | -          | -   | -               | -                   | -          | -   | -               | -                   | -          | -   | -           |
| Grand Total                 | 51                  | 149        | 15  | 1               | 15                  | 80         | 19  | 2               | 13                  | 84         | 15  | 444         |

\*The community is located in Lot 3 section, but there are no impacts identified on that community.

11. The following legal categories of lands are permanently affected based on ownership status:

- i. **Privately owned:** 79 plots (23- agricultural: 56 –non-agricultural) measuring 15.739.3 m<sup>2</sup>. Most of the affected agricultural lands are orchards (22 land plots measuring 5.777,4 m<sup>2</sup>), while in non-agricultural land the main majority are residential lands (18 land plots measuring 2.432,9 m<sup>2</sup>). There are no leaseholders or users identified on private-owned land plot.
- ii. **Community land:** 313 plots (14 agricultural and 299 non-agricultural) measuring 177.197,8 m<sup>2</sup>. From the affected non-agricultural community lands 26 are illegally used residential and 60 are other lands). Out of the totally affected community lands 212 with 91.663,4 m<sup>2</sup> surface area are directly administered by Local Self Governing Bodies (LSGBs) and usually are used by community members as pastures, rural roads and other land. While, Out 1 land plot is rented and the other 91 land plots with 54.097,4 m<sup>2</sup> surface area are illegally used by 84 non-registered users' AHs.
- iii. **Government Land:** 49 plots measuring 332.946,34 m<sup>2</sup>. The majority 34 (185.816,2 m<sup>2</sup>) are special use lands, namely of which 20 are transport lands, 7 are river, 5 are forest lands and 1 is industrial land. Out of these 49 land plots 9 land plots with 139.204.84 m<sup>2</sup> used by 11 non-registered users' AHs as an orchard and other lands.
- iv. **Not-identified land:** The ownership status, as well as the target and operational purposes of 3 non-agricultural land plots with 135,1 m<sup>2</sup> surface area couldn't be identified neither by cadaster, nor by the communities. The land plots are not used.

12. The Project road alignment has directly impacted 77 structures with 1032,07m<sup>2</sup> on 55 land plots, out of which 45 are residential and 32 are non-residential structures. By the size of the affected surface area, the impact on residential structures (715,67m<sup>2</sup>) is more significant than in case of non-residential structures (316,40m<sup>2</sup>). 12 residential houses with their support structures (22 structures with 177,3m<sup>2</sup>) in Alaverdi, Aygehat and Odzun communities are affected by the Project. Out of these 12 residential houses only 6 will be physically relocated (multi-dwelling building), as the others are not actually inhabited. The remaining 45 structures with 715,67 m<sup>2</sup> are affected without the loss of the main building (house).

13. The Project will affect 6 movable structures with 118.3 m<sup>2</sup> surface, of which the metal kiosk, metal construction and metal house will be relocated. A total 2.398,24 m<sup>2</sup> fences will be affected by the Project, of which 84,5 m<sup>2</sup> of In-situ r/c and 2.266,57 m<sup>2</sup> of stone fencings, as well as 47,17 m<sup>2</sup> of walls made by basalt and stone.

14. Only 1 business is permanently affected by the project. The affected business is a small grocery store located in Alaverdi city near the Sanahin Railway station. It is located on two land plots simultaneously, of which one is private-owned land and the other is community land.

15. In total only 151 m<sup>2</sup> crops will be affected. Basically, the APs are engaged in cultivation of crops in Alaverdi, Odzun, Artchis and Shnogh. The most frequently grown crops are bean, tomato and cucumber with 40 m<sup>2</sup>, 28 m<sup>2</sup> and 41m<sup>2</sup> respectively. Under the Project, 13,758 fruit trees and bushes are affected. Out of these, 12,053 are fruit bushes and 1,705 are fruit trees. The majority of affected fruit bushes and trees are productive (98%). Only 24 seedlings and 161 not-productive trees are affected. Most of the affected bushes are dewberries and raspberries with 4420 and 7515 bushes respectively. Most of the affected trees are plum, fig, mulberry, cornel and grape. The main impact on fruit trees has been revealed in Odzun, Artchis and Shnogh. Only 40 wood trees are affected by the Project out of which 14 have been identified in Odzun. The most affected wood trees are ash trees, acacia and maple: 18, 8 and 8 respectively. Of all affected wood trees, more than a half (52.5%) are small trees. 141 decorative trees and bushes are also affected by the Project, out of which, 134 decorative bushes and only 7 are decorative trees.

16. A total of 64 AHs will be compensated as severely affected AHs, out of which 60 AHs will lose 10% or more of their agricultural income from the productive land plots and 6 AHs will face relocation. It should be noted that 2 AHs to be relocated will also lose 10% or more agricultural land from their affected land plots. Out of total, 13 AHs have been considered as severely affected conditionally due to lack of data on their totally holding productive land, therefore the severity impact for these 13 AHs is subject for verification during the LARP implementation before the compensation payment.

17. The vulnerable AHs identified, as vulnerable poor households registered in the evaluation system of vulnerability of families (ESVF) are 8. Furthermore, there are 15 female-headed households, 14 households headed by the elderly. No AH is headed by disabled persons. Given that some households qualify due to having multiple vulnerability characteristics, the total number of vulnerable households is 28, of which 57.1% of AHs are in Alaverdi.

18. Information on different categories of affected households (AHs) and affected persons (APs) by impact type, as well as net figures without double counting are provided in the summary of AHs/APs, presented below.

**Table E2: Summary of Affected Households/ Persons by Category of Impact**

| Impact Category     | Impact Type             | AH Per Type of Impact | AP Per Type of Impact | AH without Double Counting | Absolute number of APs | Remarks  |
|---------------------|-------------------------|-----------------------|-----------------------|----------------------------|------------------------|--|
|                     | Affected unit No /m/ m2 | No.                   | No.                   | No.                        | No.                    |  |
| A. Land             |                         |                       |                       |                            |                        |  |
| A1. Private Land    | 15.739,30               | 91                    | 266                   | 91                         | 266                    | -  |
| A2. Leased land     | 5,00                    | 1                     | 1                     | 1                          | 1                      | -  |
| A3. Community Land  | 177.192,80              | 86                    | 274                   | 68                         | 199                    | 18 AHs are included in A1                            |
| A4. Government Land | 332.946,34              | 11                    | 29                    | 8                          | 16                     | 1 AH is included in A1, 2 AHs are included in A3     |
| A5. Non identified  | 135,10                  | -                     | -                     | -                          | -                      | -  |
| Subtotal A          | 526.018,54              | -                     | -                     | 168                        | 482                    | -  |
| B. Structures       |                         |                       |                       |                            |                        |  |
| B1. Residential     | 715,67                  | 27                    | 74                    | -                          | -                      | 15 AHs are included in A1, 12 AHs are included in A3 |



| Impact Category                     | Impact Type             | AH Per Type of Impact | AP Per Type of Impact | AH without Double Counting | Absolute number of APs | Remarks  |
|-------------------------------------|-------------------------|-----------------------|-----------------------|----------------------------|------------------------|--|
|                                     | Affected unit No /m/ m2 | No.                   | No.                   | No.                        | No.                    |  |
| B1. Non-Residential                 | 316,4                   | 22                    | 76                    | -                          | -                      | 5 AHs are included in A1, 16 AHs are included in A3, 1 Ahs is included in A4   |
| <b>Subtotal B</b>                   | <b>1.032,07</b>         | -                     | -                     | -                          | -                      | -  |
| <b>C. Movable structures</b>        |                         |                       |                       |                            |                        |  |
| C1. Movable structures              | 118,30                  | 6                     | 15                    | -                          | -                      | 5 AHs are included in A3, 1 Ahs is included in A4                              |
| <b>Subtotal C</b>                   | <b>118,30</b>           | -                     | -                     | -                          | -                      | -  |
| <b>D. Fence</b>                     |                         |                       |                       |                            |                        |  |
| D1. Fence                           | 2.398,24                | 52                    | 201                   | -                          | -                      | 27 AHs are included in A1, 25 AHs are included in A3                           |
| <b>Subtotal D</b>                   | <b>2.398,24</b>         | -                     | -                     | -                          | -                      | -  |
| <b>E. Improvements</b>              |                         |                       |                       |                            |                        |  |
| E1. Improvements (m2)               | 238,60                  | 76                    | 280                   | -                          | -                      | 33 AHs are included in A1, 38 AHs are included in A3, 5 AHs are included in A4 |
| E2. Improvements (l.m.)             | 3.562,60                |                       |                       |                            |                        |  |
| E3. Improvements (no)               | 38,00                   |                       |                       |                            |                        |  |
| <b>Subtotal E</b>                   | -                       | -                     | -                     | -                          | -                      | -  |
| <b>F. Trees</b>                     |                         |                       |                       |                            |                        |  |
| F1. Fruit trees                     | 13.573,00               | 93                    | 320                   | -                          | -                      | All AHsare included in A1, A3 and A4   |
| F2. Wood trees                      | 40,00                   | 10                    | 34                    | -                          | -                      |  |
| F3. Decorative trees                | 141,00                  | 23                    | 76                    | -                          | -                      |  |
| <b>Subtotal F</b>                   | <b>13.754,00</b>        | -                     | -                     | -                          | -                      | -  |
| <b>G. Crops</b>                     |                         |                       |                       |                            |                        |  |
| G1. Crops                           | 151,00                  | 7                     | 31                    | -                          | -                      | 4 AHsare included in A1, 3 AHsare included in A3                               |
| <b>Subtotal G</b>                   | <b>151,00</b>           | -                     | -                     | -                          | -                      | -  |
| <b>H. Business loss</b>             |                         |                       |                       |                            |                        |  |
| H1. With tax declaration            | 1                       | 2                     | 6                     | 1                          | 5                      | 1 AH is included in A1   |
| <b>Subtotal H</b>                   | <b>1</b>                | <b>2</b>              | <b>6</b>              | <b>1</b>                   | <b>5</b>               | -  |
| <b>I. Vulnerable</b>                |                         |                       |                       |                            |                        |  |
| I1. Vulnerable AH                   | -                       | 28                    | 62                    | 3                          | 5                      | 10 AHsare included in A1, 14 AHsare included in A3, 1 AH is included in A4     |
| <b>Subtotal I</b>                   | -                       | -                     | -                     | <b>3</b>                   | <b>5</b>               | -  |
| <b>J. Relocation impact</b>         |                         |                       |                       |                            |                        |  |
| J1. Residential relocatee           | -                       | 6                     | 25                    | -                          | -                      | All AHsare included in A1  |
| J2. 10% loss of agricultural income |                         | 60                    | 194                   | -                          | -                      | 19 AHsare included in A1, 35 AHsare included in A3, 6 AH is included in A4     |

| Impact Category          | Impact Type             | AH Per Type of Impact | AP Per Type of Impact | AH without Double Counting | Absolute number of APs | Remarks  |
|--------------------------|-------------------------|-----------------------|-----------------------|----------------------------|------------------------|--|
|                          | Affected unit No /m/ m2 | No.                   | No.                   | No.                        | No.                    |  |
| J3. Non land improvement |                         | 4                     | 7                     |                            |                        | 1 AH is included in A3, 3 AHs are included in I1 |
| <b>Subtotal J</b>        | -                       | -                     | -                     | -                          | -                      | -  |
| <b>Total</b>             | -                       | -                     | -                     | <b>172</b>                 | <b>492</b>             | -  |

## V. Compensation Eligibility and Entitlements

19. This LARP is based on Armenian Law and ADB's SPS of 2009. This LARP combines the best international safeguards practices and requirements of local legislation, and promotes sustainable and continual application of LAR-related principles, entitlements and procedures in rural road projects in Armenia by MTCIT.

20. APs eligible for compensation and/or at least rehabilitation are: (i) all APs losing land either covered by legal title/land rights or without legal status; (ii) tenants and sharecroppers whether registered or not; (iii) owners of buildings, crops, plants, or other objects attached to the land; (iv) APs losing business, income, and salaries. Meantime, new vulnerability category has been defined under this LARP as "vulnerable residential relocates" with defined application conditions. An Entitlement Matrix, relevant to the impacts of the Project is provided below.

21. For the alienation of the affected land plots within the RoW the RA Government has adopted a GoA decree recognizing the affected land plots as an exclusive prevailing public interest according to the RA Law on "Alienation of the property for public and state needs" (GoA decree N1412-N dated 09.11.2017). The GoA decree has come into force on November 25, 2017. The Compensation eligibility is limited by a cut-off date, which is the same for all APs regardless of their legal status. This is the date of drawing up of the affected property/assets description protocols (signing of protocols by APs and the Acquirer), where the data of implemented census, DMS and impact assessment are recorded<sup>2</sup>.

**Table E3: Project Specific Entitlement Matrix**

| Type of Loss        | Application  | Eligibility   | Compensation Entitlements  |
|---------------------|--|---|--|
| <b>1. Land Loss</b> | APs losing their owned property or a part of it regardless the impact amount | Owner   | Cash compensation at replacement cost, which is equivalent the assessed price of market value and cadastral rates (whichever is the highest) plus 15% or through an equivalent replacement land acceptable to the AP.  |
|                     |  | Legalisable AP's                                    | In cases defined by legislation, the AP's may acquire ownership rights or apply the state registration of the present rights and to be compensated as owners.  |
|                     |  | Leaseholders (lease of community or state property) | In cases defined by legislation the leaseholders may acquire ownership right and to be compensated as the owner or he/she may be given an opportunity to hold a new lease in accordance with the agreement of the land owner (lessor).<br>In case it isn't possible, AP will receive compensation equal to "the market or cadastral cost of affected land (whichever the highest) +15% "in the following proportions according to the length of the lease: i) < 1 year 5%, 2) <15 years 14% ; 3) |

<sup>2</sup>As the date of drawing up of the affected property/ assets description protocols are differs for each property, the mentioned date is the day when the first description protocol was signed by APs and the Acquirer.

| Type of Loss   | Application   | Eligibility   | Compensation Entitlements  |
|--|---|---|--|
|  |   |   | <25 years 20%; 4) >25 years 25%.   |
|  |   | The leaseholder (leasing of natural persons and legal entities' property)                                       | Cash compensation for already paid but unused lease.   |
|  |   | Persons possessing other property rights (servitude, construction, loan, mortgage, use)                         | Compensation is provided to persons possessing property rights from the affected property compensation amount in accordance to the RA legislation.   |
|  |   | Non legalisable APs   | These APs will receive compensations only for the improvements made on the land according to this LARP.  |
| <b>2. Loss of residential buildings, structures</b>    |   | All the APs regardless the rights possessing for the structure (including legalisable and non-legalisable APs ) | Cash compensation cost + 15% for loss of building at full replacement cost free of depreciation/transaction costs and salvaged materials. Partial impacts will entail the compensation of the affected portion of the building plus repairs, in case if the further usage and maintenance of the non-affected portion of the building is technically possible.   |
|  |   | Relocated Leaseholders  | Cash refund of the unused rent already paid.   |
| <b>3. Loss of non-residential buildings structures</b> | Buildings, structures with state registration owned by APs  | Owners  | Cash compensation + 15% for loss of building at full replacement cost free of depreciation and salvaged materials and decrement of transaction costs. Partial impacts will entail the compensation of the affected portion of the building plus repairs in case of the maintenance, if the use and the alienation of the non-affected portion of the buildings are legally possible.   |
|  | Illegal building on the land belonging to citizens or legal entities with ownership rights of the property. | APs constructed the illegal building, are the owners of the land.   | In case of the loss of the illegal building - cash compensation, with the amount of full replacement cost of the illegal building without 15% extra charge.  |
|  | Illegal building on the land of the community or state ownership.   | AP constructed the Illegal building   | Rehabilitation allowance will be provided to AP constructed the Illegal building on the land of the community or state ownership, with the amount equal to replacement cost of illegal building minus the legalization costs.  |
|  |   | Relocated Leaseholders  | Cash compensation for the unused lease already paid.   |
| <b>4. Public Property Loss</b>                         | Community or State property   | Community/State   | Compensation of the community owned land, property or reconstruction of affected community and state-owned structures or other property and restoration of their functions in agreement with community, state authority.   |
| <b>5. Crop Loss</b>                                    | Standing crops affected   | All AHs who made improvements regardless their ownership and other property rights                              | Crop compensation in cash at market value by default at gross crop value of expected harvest.  |
| <b>6. Tree and Harvest Loss</b>                        | Trees affected and expected harvest   | All AHs who made improvements regardless of their land ownership and property rights                            | Cash compensation at market value based on type, age and productive value of the trees.  |
| <b>7. Business (entrepreneurship) interruption</b>     | Businesses (entrepreneurship) in the affected land  | All APs regardless the tax declaration  | <b>1) Businesses with a tax declaration</b><br>a) In case of permanent impact: cash compensation of 1 year net income.<br>b) in case of temporary impact: cash indemnity of net income for months of business suspension up to 1 year. State registration and license fees will also be compensated, if any.<br><b>2) Businesses without a tax declaration</b><br>a) In case of permanent impact: rehabilitation allowance based on the minimum monthly salary for 1 year; |

| Type of Loss                                 | Application  | Eligibility  | Compensation Entitlements  |
|--|--|--|--|
|  |  |  | b) In case of temporary impact: rehabilitation allowance based on the minimum monthly salary for the number of months of business stoppage up to a maximum of 1 year.  |
| <b>8. Job Loss</b>                           | Permanent job loss or forced downtime not by the employee's fault  | Employees who have worked for affected business (company or Individual Entrepreneurship) by employment contract            | Cash compensation:<br>a) Permanent job loss: the employee will receive cash indemnity for 6 months average salary;<br>b) Temporary loss: the employee will receive cash indemnity for all months of business stoppage based on the average salary up to 6 months.  |
| <b>9. Allowances for Severe Impacts</b>      | AH to be relocated or losing 10% and more of agricultural land   | All severely affected APs/AHs including informal settlers  | a) Additional crop compensation covering 1 year yield (from affected land part) for APs affected by loss of 10% and more of agricultural land.<br>b) A rehabilitation allowance of 6 months at minimum salary to relocated AHs.  |
| <b>10. Relocation allowance</b>              | Allowance for the transportation and livelihood expenses   | All relocated AHs including leaseholders   | Cash allowance to cover transportation and livelihood expenses for 1 month.  |
|  |  | All APs having movables on the affected land and building to be relocated regardless of existing formal rights to property | Cash allowance to cover transportation expenses.   |
| <b>11 Vulnerable People / AHs Allowances</b> |  | AHs headed by women, or elderly, or disabled persons, AHs living below the poverty line and residential relocate AHs       | a) Cash allowance equivalent to 6 months of minimum salary and priority in project-related employment.<br>b) Cash allowance equal to the difference of compensation cost calculated for their affected residential apartment between the market value of the minimum similar residential apartment based on the market conditions of the given region. |
| <b>12. Temporary impacts</b>                 |  | All APs/AHs who are temporarily affected   | Damages will be compensated in the case of temporary impact with replacement cost in accordance with the relevant entitlements defined by this LARP.   |
| <b>13. Unforeseen LAR impacts, if any</b>    |  | Eligible APs/ AHs  | MTCIT will consider the unforeseen resettlement impacts during project and will compensate and will provide rehabilitation allowance based on the provisions of this LARP, Armenian law and ADB's Safeguards Policy Statement.   |
| <b>14. Compensations for improvements</b>    | Other improvements, which are not included in this Entitlement Matrix but exist on the affected land (except of the moveable property) | APs who made Improvements  | Cash compensation by replacement cost.   |

## VI. Institutional Setup for the Project

22. The Ministry of Transport, Communications and Information Technologies (MTCIT) is the Executing Agency (EA) and Transport Projects Implementation Organization SNCO (TPIO) is the Implementing Agency (IA) for the Program and has the overall responsibility for implementation of the Project, including LARP preparation and implementation. The TPIO has a Social Impact Management Service consists of three specialists, as well as a Legal unit which will together act as a Resettlement Coordination Team (RCT). Besides, the Social Safeguards Support Consultant (SSSC) has been mobilized by TPIO for the preparation and implementation of LARP. The SSSC with direct coordination of RCT will implement the LARP based on the policy and procedures set out in this LARP.

23. Several other Government agencies also play important roles in the LARP implementation process, such as State Committee of Real Estate Cadaster of Government of Armenia and its Regional Offices, the local self-governing bodies and local courts.

## VII. Land Acquisition and Resettlement Plan Implementation

24. The Implementing Agency will begin implementation of LARP immediately after its approval by the ADB and MTCIT. Based on established regulations, first of all the notification on Eminent Domain will be sent to APs, after, the preparation and signing of property description protocols will be started. The draft contracts/agreements will be notified to the APs on the commencement of Land Acquisition and Resettlement Plan. The LARP will be implemented in two subsections which will include land plots from all three Lots based on the proportional distribution of affected land plots per Lots (road sections divided per Contractors), as well as the volume of legalization and cadastral issues. This will allow to ensure the timely provision of LARP-completed sections to the three Contractors in parallel. The TPIO will sign property alienation contracts in line with the RA legislation for the real estate owned, possessed and used with ownership right, with notary verification. The APs will have 30 days to relocate from the date of delivery of full compensation/allowances which will be defined under the contractor within the timeframe as will be defined under the alienation contracts. After implementation of the LARP the Completion Report for each completed subsection will be prepared by the External Monitoring Individual Consultant (EMIC) hired by TPIO to be submitted to ADB .

25. The timeline presented in the following table shows the distinct stages of LARP implementation.

**Table E4: Timeline for Land Acquisition and Resettlement Plan Implementation**

| N  | Action   |   | Start, date | End, date |
|----|--|---|-------------|-----------|
|    | The legal ground of land acquisition process is the adoption of GoA decree on Eminent Domain and its coming into force |   | 15-Sep-17   | 25-Nov-17 |
| 1  |  | <b>1. The notification of GoA decree on Eminent Domain</b>                              |             |           |
| 2  | 1.1  | The notification of GoA decree on Eminent Domain  | 26-Nov-17   | 2-Dec-17  |
| 3  |  | <b>2. Preparation and signing of property description protocols</b>                     |             |           |
| 4  | 2.1  | The preparation of property description protocols for private land plots                | 1-Dec-17    | 29-Dec-17 |
| 5  | 2.2  | The preparation of property description protocols for community land plots              | 10-Jan-18   | 30-Jan-18 |
| 6  | 2.3  | The signing of property description protocols both for private and community land plots | 1-Feb-18    | 16-Feb-18 |
| 7  | 2.4  | The notification of property description protocols for all land plots                   | 19-Feb-18   | 25-Feb-18 |
| 8  |  | <b>3. The implementation of legalization and cadastral correction plan</b>              |             |           |
| 9  | 3.1  | The implementation of legalization and cadastral correction plan                        | 1-Dec-17    | 6-Jul-18  |
| 10 |  | <b>4. Acquisition via contract signing</b>  |             |           |
| 11 | 4.1  | Preparation of draft acquisition contracts for private land plots                       | 16-Feb-18   | 25-Feb-18 |
| 12 | 4.2  | Preparation of draft acquisition contracts for community land plots                     | 25-Feb-18   | 5-Mar-18  |

| N  |     | Action  | Start, date | End, date |
|--|-----|---|-------------|-----------|
| 13   | 4.3 | The notification of draft acquisition contracts- Subsection 1                     | 5-Mar-18    | 5-Mar-18  |
| 14   | 4.4 | The notification of draft acquisition contracts- Subsection 2                     | 5-Apr-18    | 5-Apr-18  |
| 15   | 4.5 | The signing of acquisition contracts- Subsection 1                                | 6-Mar-18    | 6-Jun-18  |
| 16   | 4.6 | The signing of acquisition contracts - Subsection 2                               | 6-Apr-18    | 6-Jul-18  |
| 17   | 4.7 | <i>The deadline for acquisition contract signing- Subsection 1</i>                | 6-Jun-18    |           |
| 18   | 4.8 | <i>The deadline for acquisition contract signing- Subsection 2</i>                | 6-Jul-18    |           |
| 19   | 4.9 | The state registration of signed acquisition contracts                            | 10-Mar-18   | 15-Jul-18 |
| 20   |     | <b>5. Acquisition via transferring the compensation to deposit account</b>        |             |           |
| 21   | 5.1 | Transfer of compensation amount to the court's deposit account-Subsection 1       | 6-Jun-18    | 10-Jun-18 |
| 22   | 5.2 | Transfer of compensation amount to the court's deposit account -Subsection 2      | 6-Jul-18    | 10-Jul-18 |
| 23   | 5.3 | <i>The date of 7th day after depositing of compensation amount - Subsection 1</i> | 10-Jun-18   | 17-Jun-18 |
| 24   | 5.4 | <i>The date of 7th day after depositing of compensation amount -Subsection 2</i>  | 10-Jul-18   | 17-Jul-18 |
| 25   |     | <b>6. Expropriation</b>   |             |           |
| 26   | 6.1 | The preparation of lawsuits- Subsection 1   | 6-Jun-18    | 15-Jun-18 |
| 27   | 6.2 | The preparation of lawsuits -Subsection 2   | 6-Jul-18    | 15-Jul-18 |
| 28   | 6.3 | The submission of lawsuits to the court- Subsection 1*                            | 10-Jun-18   | 20-Jun-18 |
| 29   | 6.4 | The submission of lawsuits to the court- Subsection 2*                            | 10-Jul-18   | 20-Jul-18 |
| 30   |     | <b>7. Monitoring and reporting</b>  |             |           |
| 31   | 7.1 | Preperation and submission of Completion report by EMIC-Subsectin 1               | 10-Jun-18   | 10-Jul-18 |
| 32   | 7.2 | Preperation and submission of Completion report by EMIC-Subsectin 2               | 10-Jul-18   | 10-Aug-18 |
| * The duration of the court proceeding defined by Law is 2 months after the acceptance, however it can lasts longer depending from the complexity of the case. |     |   |             |           |

## VIII. Public Consultation and Information Disclosure

26. Seven public consultations have been conducted for affected people living in the area of M6 road (ADB-financed section) from July 5-7, 2017. The consultations included presentations of the entitlements matrix, valuation methodology, DMS and Census/SES. The Grievance Redress Mechanism was addressed in detail, with particular focus on the role and functions of the Grievance Focal Point as a way to raise, formulate and address APs' complaints to the IA during all stages of the Project. In total, 69 APs (23 women and 46 men) participated in the final public consultation (the list of participants with respective signatures is attached to the Minutes of Meeting of the public consultation).

27. The Project Information leaflets with the main phases of land acquisition and resettlement

procedures were distributed to all APs during the public consultations, where the Project description, the Entitlement Matrix, grievance redress mechanism with contacts, entitlements and compensations, as well as answers to frequently asked questions, were presented. The individual maps of private properties with clear indication of affected/non-affected surface area and main impact (buildings, fence and improvements) have been submitted to the owners on during the signing of description protocols to be sure that the owners will be able to use the opportunity to present request on the acquisition of non-affected part of the property within two months after the GoA decree on acknowledging the exceptional prevailing public interest<sup>3</sup> enters into force.

28. After the ADB and RA GoA/MTCIT approvals, implementation-ready LARP will be uploaded on the ADB, MTCIT and Project (TPIO) websites. In addition, the Project Information Pamphlet with relevant information based on final LARP will be disclosed (submitted as a notification) to the APs during the LARP implementation.

## **IX. Grievance Redress Mechanism**

29. A Grievance Redress Mechanism (GRM) will be established in each community prior to the start of LARP implementation, particularly the Grievance Focal Person (GFP) and the nominated representative of the affected community office will provide accesses of APs to the GRM and will ensure that the APs can appeal any decision, practice or activity arising from land or other assets compensation. The APs are informed of their rights and of the procedures for addressing their complaints through the GRM or other public authorities. The GRM has been disclosed to the affected communities during the conducted PCs.

## **X. Budget Summary**

30. LARP implementation will last about 9 months (including the expropriation stage, if any). The costs of LAR for Project, including compensation, rehabilitation allowances and administrative costs of LARP implementation, as well as contingency, is **814.646.450,15 AMD**, which is equivalent to **1.684.337,03 USD**.

## **XI. Monitoring and Evaluation**

31. LARP implementation will routinely be monitored internally by the TPIO, with outcomes reported to ADB in Semiannual Social Monitoring Reports (SSMR), based on the LARP implementation Completion Report (CR) prepared by SSSC. Besides, an External Monitoring Individual Consultant (EMIC) will be engaged, whose tasks will be to monitor LARP implementation process, identify issues, bottlenecks, will be required to verify the TPIO's monitoring information and recommend appropriate solutions/corrective measures (if any).

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<sup>3</sup>RA Law on Expropriation of Property for Public and State Purposes, Article 5, 2.2 point.

## A. INTRODUCTION

### 1. General

32. The Asian Development Bank (ADB) has agreed to co-finance the M6 Vanadzor-Alaverdi-Georgian Border Interstate Road Rehabilitation and Improvement Project (hereinafter: Project) with the European Investment Bank (EIB). EIB has engaged an international consultant to complete a feasibility study, environment and social impact assessment, and detailed engineering design. The project road is about 90 km long. Section 1 (Km0+000-Km38+450) is financed by EIB (EIB-financed road section); and section 2 (Km38+450-Km91+190) is financed by ADB (ADB-financed road section). The Project will have no extensive land acquisition and building demolition impacts. This Land Acquisition and Resettlement (LAR) Plan (LARP) has been prepared by the Ministry of Transport, Communications and Information Technologies (MTCIT) of Armenia, the Project's Executing Agency (EA), to plan and implement LAR for the ADB financed section of the Project. This LARP is based on the requirements of appropriate laws and regulations of the Republic of Armenia and ADB's Safeguards Policy Statement (SPS) of 2009. The LARP combines the best international safeguards practices and requirements of local legislation insuring the sustainable and continual application of LAR-related principles, entitlements and procedures in similar rural road projects in Armenia by MTCIT. Preparation and implementation responsibility for this LARP rests on MTCIT. The Transport Projects Implementation Organization SNCO (TPIO) acts as an Implementing Agency (IA) for the Project.

33. This Final LARP was preceded by a Draft LARP to assess the possible impacts of the Project based on the preliminary detailed design.

34. The main goal of the Project is to improve of the standards and the safety measures along the existing alignment. This purpose of the Project is mainly achieved by means of widening and pavement strengthening on possible sections of the road, including rock-fall and landslide protections. Special attention has been made on improvement of safety devices. The Project alignment follows the trace of the existing highway in order to minimize overall impacts, but also includes widening along the road which causes not intensive impacts on agricultural lands and comparatively more impacts on non-agricultural lands.

35. This LARP assesses the impacts of the Project and details the required compensation and rehabilitation measures based on a final detailed alignment, a final census of the Affected Parties (APs) and on a Detailed Measurement Survey (DMS) of each affected plot based on RA GoA's adoption of a decree on Eminent Domain for recognition of affected properties as exclusive prevailing public interest<sup>4</sup>. The valuation of affected land and buildings is based on replacement cost rates. The number of Affected Persons (AP) was identified through a census and the AP socio-economic profile on a socio-economic survey (SES) based on survey of all available households conducted in October-November 2017. Due to its level of LAR impact, the Project has been classified as Category B for involuntary resettlement.<sup>5</sup>

36. The detailed design for M6 Vanadzor-Alaverdi-Georgian Border Interstate Road Rehabilitation and Improvement was confirmed in 2015 and several design solutions have been proposed in order to minimize the LAR impacts preceded by DMS analysis in 2017.

37. In terms of construction works, the Project is divided into three road sections (Lots) which

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<sup>4</sup> The GoA decree N 1412-N on Eminent Domain has been adopted on November 09, 2017 and has come into force on November 25, 2017.

<sup>5</sup> As per the ADB Operation Manual (OM) Section F1/OP (2013) a project is classified as Category "A" if  $\geq 200$  people suffer significant impacts (relocation or loss of 10% or more of their productive assets). A project will instead be classified as Category "B" when less than 200 people suffer significant impacts. Category "C" projects have no LAR impacts.



will have separate Contractors. In this regard, all the impact and budget data in this LARP is presented not only by communities, but also per Lots in order to show the LAR impact volume and issues for each road section (Lot). The breakdown of the Project road per Lots and communities is shown in the table A below.

**Table A: Breakdown of the Project per Lots and communities**

| Lot<br>(road<br>section)   | Start Km- End Km    | Length, m | Community*    | Number of<br>Communities** |
|--|---------------------|-----------|---------------|----------------------------|
| Lot 1  | km 38+450-km 48+140 | 9690      | Aygehat       | 4                          |
|  |                     |           | Alaverdi city |                            |
|  |                     |           | Odzun         |                            |
|  |                     |           | Tumanyan      |                            |
| Lot 2  | km 48+140-km 62+300 | 14.160    | Haghpat       | 3                          |
|  |                     |           | Alaverdi city |                            |
|  |                     |           | Aqori         |                            |
| Lot 3  | km 62+300-km 90+191 | 27.891    | Haghpat       | 8                          |
|  |                     |           | Akhtala       |                            |
|  |                     |           | Shnogh        |                            |
|  |                     |           | Artchis       |                            |
|  |                     |           | Neghots       |                            |
|  |                     |           | Ayrum         |                            |
|  |                     |           | Haghtanak     |                            |
| Ptghavan   |                     |           |               |                            |
| Total  |                     | 51.741    |               | 15                         |
| * There are no affected LAR impacts identified in Ayrum, Haghtanak and Ptghavan communities.   |                     |           |               |                            |
| ** The Alaverdi city and Haghpat community are included both in Lot 2 and Lot 3, therefore the total number of communities are presented with double counting. |                     |           |               |                            |

## 2. LAR-Related Conditions of Project Implementation

38. According to SPS 2009 provisions and ADB's established operational practice, the Project approval/implementation will be based on the following conditions:

- (i) **Project implementation clearance:** Conditional to: the finalization of the LARP as an implementation-ready document acceptable to ADB and GoA and its disclosure.
- (ii) **Start of Physical Civil Works:** Conditional to full implementation of the implementation-ready LARP (full compensation/rehabilitation delivery) to be properly reported to ADB by EA<sup>6</sup>.

## 3. Project Background

39. The Project is located north of Yerevan, the capital of Armenia. It aims to increase the transport efficiency and safety along M6 highway from Vanadzor to the Georgian Border by upgrading the 51.5 km Vanadzor–Bagratashen road section into standard Class III highway with

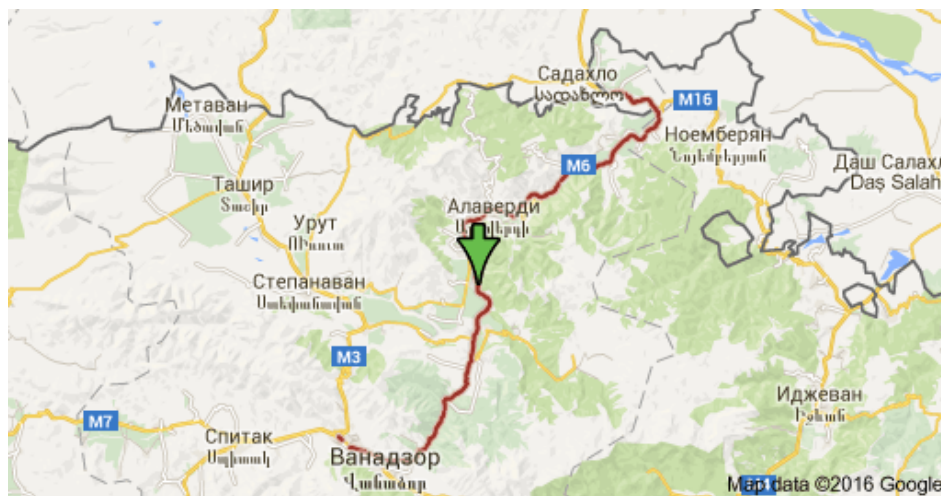
<sup>6</sup> The LARP implementation Completion report will be prepared by External Monitoring Individual Consultant (EMIC) hired by TPIO.

a new asphalt pavement. Map 1 below presents the project's general location.

40. The existing M6 road has a total length of about 90 km. It connects the city of Vanadzor with the Georgian border near the city of Bagratashen. Its alignment runs along the narrow valley of the river Debed, through various cities (Pambak, Vahagnadzor, Vahagni, Dzoragyugh, Dsegh, Tumanyan, Odzun, Alaverdi, Neghots, Shnogh, Karkop, Ayrum, Haghtanak, Ptghavan and Bagratashen).

41. The width of carriageway will be standard 7.2 m (6.6 m in heavy mountainous sections) and varied width of shoulder of 0.5-1.5 m. The design speed will be 60 km/h for the mountain section and 90 km/h for the flat section. Minor realignment in few sections will be necessary to improve the geometric alignment and sight distance. The construction period will be 30 months. Meanwhile EIB will finance the rehabilitation of 38-km section along M6 highway from Vanadzor to Alaverdi(K0+000 – K38+450).

**Map A1: Republic of Armenia showing proposed M6 Vanadzor–Alaverdi–Georgian Border Interstate Road Rehabilitation and Improvement Project Area**



#### **4. Overall Objectives and Scope of the Land Acquisition and Resettlement Plan**

42. The purpose of this LARP is to identify all persons and legal entities who will be affected by the Project implementation, to estimate the extent of the impact (i.e., what type of loss they will suffer and their value), and how they will be compensated or their incomes restored, to ensure that they are not worse off than in a “without project” situation. In all cases, the overall aim is to at least, restore the livelihoods and quality of life of the APs. The primary objective of the LARP is to provide necessary details for compensation, relocation and rehabilitation, including: i) identification of the extent of losses and impact of the project; ii) information disclosure, consultation and participation; iii) policy and framework for compensation payments and rehabilitation; (iv) rehabilitation program for severely affected and vulnerable households; v) complaints and grievance redress mechanism; vi) resettlement budget and financing plan including valuation of an estimated compensation for lost assets, relocation, and rehabilitation; vii) the institutional framework and implementation schedule of resettlement plan; and viii) monitoring of LARP implementation.

43. In line with international good practice, consideration has been given during the LARP preparation to minimize the LAR impacts. Particularly, it was possible to adjust the originally defined RoW with proposed design solutions by designers based on their DMS in the field. As a result, the RoW has been re-defined and impacts have been assessed accordingly.

## **5. Document Disclosure**

44. The APs will be provided with an Armenian language of final implementation-ready LARP Information Pamphlet during the implementation. An Armenian language copy of the final LARP will be made available at each Marz (Provincial Government Centre) and at the TPIO office. The final LARP in English language will be disclosed on the ADB's website. Final LARP in Armenian and in English will be published on the MTCIT, as well as TPIO's website.

## **6. Cut-Off Date**

45. Compensation eligibility is limited by a cut-off date that is defined as a first day of signing of property description protocol for affected land plots by APs and Acquirer based on adoption of GoA decree on Eminent Domain<sup>7</sup>, where the data of implemented census, DMS and impact assessment are recorded. No compensation will be given for additional improvements made after the cut-off date, except of the cases provided the by the Law and LARP. Given the fact, that on the moment of preperation of this LARP, the GoA decree on Eminent domain has been adopted but hasn't came into force, the signing of property description protocols haven't been started yet<sup>8</sup>.

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<sup>7</sup> As the date of drawing up of the affected property/ assets description protocols are differs for each property, the mentioned date is the day when the first description protocol was signed by APs and the Acquirer.

<sup>8</sup> The GoA decree on Eminent Domian has came into force on November 25, 2017.

## B. IMPACT ASSESSMENT AND AFFECTED HOUSEHOLDS/ PERSONS CENSUS

### 1. General

46. This section provides detailed quantification of the estimated impacts affecting fourteen communities along the ADB financed road section of M6 Vanadzor-Alaverdi-Georgian Border Interstate Road. They are located within the administrative territory of Lori and Tavush Marzes. Based on the final detailed design, 10 communities are affected by the identified alignment in ADB financed section (Km38.450- km 90.190) which are as follows: Akhtala, Aygehat, Tumanyan, Aqori, Haghpas, Neghoc, Shnogh, Alaverdi, Odzun and Archis.

47. There are no LAR impacts identified in Ayrum, Haghtanak, Ptghavan and Bagratashen located on the end of the section Lot 3 due to detailed design which defines only asphalt pavement works on that section without widening or other reconstruction works of that roadsection.

48. There are two land plots which are affected in Tumanyan communitiy (the start point of the Project road section), of which one (community owned land without users) has been included in the LARP of EIB-financed section taking into account that the land plot is starting in EIB-financed section of the road and ends in ADB's financed section, while the biggest part of that land plot is included in EIB-financed section.

49. **Minimization of impacts:** In line with international good practice, consideration has been given during the LARP preparation to minimize the LAR impacts. Particularly, it was possible to adjust the originally defined RoW with proposed design solutions based in DMS in the field. As a result of made design solutions and consequently adjusted RoW and the impacts have been minimized from the preminiary assessed 542 land plots by draft LARP to 444 land plots. As a result of minimization of impacts, three buildings (including one cross stone (khachkar), incomplete structure and one business structure (lemonad factory)), 51 private-owned and 21 community-owned properties, as well as one grave could be possible to remove from the RoW and list of affected properties. Meantime, 26 land plots have been removed from the preliminary list of affected land plots due to corrections in cadastral map/data<sup>9</sup>.

### 2. Survey Activities and Methodologies

#### 2.1 Background

50. In view of the scope and purpose of this LARP preparation, is that all compensation payments and livelihood restoration assistance related to the Project must be based on a detailed understanding of the impacts of the Project on affected people. For this LARP, the data was collected in September-November 2017. In order to accurately assess the extent of the Project's impacts the following steps were undertaken:

- (i) **Detailed Measurement Survey (DMS)** - to measure the affected area of the lands, buildings' space and the number and types of affected assets.

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<sup>9</sup> Draft LARP reported about the discrepancies in the cadastral map/data. The list of such cases was provided to SCREC for corrections, as a result of which part of the issues has been resolved, the other part couldn't be resolved and are indicated in this final LARP in the "Legalization and cadastral correctons plan" (for details see chapter J and Appendix 8).

- (ii) **Inventory of Losses based on Site Visits and Google Earth Data Analysis** - to identify and evaluate the characteristics of the land, buildings and assets to be affected and already damaged.
- (iii) **Valuation of Affected Assets** - to identify the cost of compensation of lost assets, income and other livelihood sources, and determine allowances for development of the LARP budget.
- (iv) **Census Survey** - to identify the exact number of AHs and their members, including some elementary social characteristics such as gender and ethnicity.
- (v) **Socio-Economic Survey (SES)** - to identify the current socio-economic condition of affected people, households and business owners as well as access to public services, perceptions of compensation and Project impact on their livelihood.

51. The essence of the Consulta'ts' activities which is licensed measurement and valuation company is to measure and evaluate, independently from all previous survey efforts, every asset to be acquired. This was done independently of the information that can be derived from the cadastral maps, Google Earth and data obtained during the preparation of draft LARP, and the legal status of the assets affected by the Project.

52. The scope of the DMS and assets inventory includes the identification, classification, measurement, and valuation of the following assets or attributes:

- (i) Land (agricultural, residential, industrial and commercial plots), including improvements on those plots;
- (ii) Buildings/structures (including classification by building category and construction type);
- (iii) Legal status of the AP's land and structures' occupancy;
- (iv) Area and type of crops;
- (v) Number and type of trees;
- (vi) Affected business (impact type and legal status);
- (vii) Employment losses; and
- (viii) Number, type and area of affected community/public assets.

53. The DMS included measurement of existing real estate plots and buildings/structures built on them and determination of their targeted purpose, ownership, forms of use, quality and quantity, appearances, and types. The measurements were taken in accordance with the requirements of Appendix 1 of Order No 283-N (directive on real estate measurement registration) of 20 October 2011, issued by the Chairman of the State Committee of Real Estate Cadaster (SCREC) adjunct to the GoA. The measurements were also taken using satellite positioning stations, electronic tachymeters and laser range finders. All field surveys have been started after the public consultations carried out in affected communities, where the APs have been priorly informed on coming surveys. Besides, the APs were informed of the measurement date and time by telephone, prior to the field visit. This procedure ensured the measurement process was monitored by the APs.

## 2.2 Impact Assessment Limitations and Applied Approaches

54. During the implementation of DMS and assets inventory, the specialists faced several limitations in terms of identification of owners/users, as well as the assets inventory in several locations. The description of such limitations, applied approaches, as well as the suggested corrective measures for the implementation period is presented below.

### **2.2.1 Limitations of doing assets inventory inaccessible locations:**

55. During field works for assets inventory it was revealed that the relief (mountains and gorges) in several location/cases is a limitation for surveying the areas. In total 6115 linear meter (lm) of road could not be directly inventoried (both on two sides of the road). These 6115lm involve 49 lot-codes/land plots in 53 locations in 8 communities (excluding the Aqori and Archis affected communities), of which 33 are community lands, 9 are state-owned lands and 7 are private-owned lands. In order to assess the possible impacts on those locations, they have been inventoried by drone videos and thorough consultation with affected community, particularly, neighbours and local authorities, however the results of analysis by drone are subject to compensation and possible revision during LARP implementation. Details of mentioned locations are presented below and the list of not inventoried locations (land plots) with descriptions are presented in the Appendix 9:
- From the 7 private land pots, which were fully impossible to inventory, one is residential area in Alaverdi, another one residential area in Tumanyan, 5 are unidentified residential collective lands (“Metalurg aygegortsakan”) in Odzun. In all these cases, the owners could not be identified either by cadaster, or by communities. No structures are identified, which could be possible to directly seen on drone videos. Meantime, it can be assumed by drone videos, that 5 of those 7 land plots are not used (no trees or crops visible).
  - For the other community and state owned land plots, it is clear, that there are some trees/fruit trees or maybe even structures, but these land plots are not used at the moment and it was not possible to identify the illegal users. Local authorities and focal points (neighbors of near located land plots, owners of businesses located near the road etc.) have been consulted to identify the possible users on those land plots/locations, but there were no information available with community representatives and/or focal points about the usage and owners. In addition, there is a big migration from the area, which also creates difficulties to find a lot of owners and land users, even with the help of community representatives and focal points. The minutes of consultations with communities and focal points and related information disclosure measures carried out in the frame of impact assessment activities are attached in Appendix 12 with relevant description and photos.
56. However, it is assumed that during the LARP implementation the owners or users of such land plots might be identified/self-identified and claim on the usage of affected assets on not inventoried locations/land plots. In cases, when the owners or users are identified/self-identified and it will be possible to carry out an inventory with the help of APs, the inventoried improvements will be subject for compensation under the LARP in accordance with LARP provisions.
57. In this regard, the provisional budget has been estimated in this LARP. The methodology of estimation is provided in the Appendix 2.
58. Besides, the procedure of corrective measures has developed within this LARP which shall be carried out during the LARP implementation in case of complaints related to the usage and affected assets on above mentioned not inventoried locations. The procedure is presented in the chapter J, section 8 of this LARP.

### **2.2.2 Determination of severely affected AHs<sup>10</sup>:**

59. In the most of the cases only affected parts of the illegally used land plots could be surveyed due to impossibility to reach the whole land plot areas for actual measurement and inventory. The efforts made to survey the total land plots where it was a risk for full acquisition during the implementation, however, due to faced limitations, the following approach has been applied to calculate the severity of impact and identify the severely affected AHs under the Project losing more that 10% of their productive asset:

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<sup>10</sup> The presented methodological approach has been discussed and agreed with ADB beforehand during the ADB's mission in the week of 14 November 2017.

- Besides the affected land, the AHs have been identified who are holding other productive land (arable land, orchard, grass vineyard) both owned/rented or illegally used based on the analysis of SES survey;
- The portions of actual usage of totally holded productive land was calculated (usage percentage) based on which the total area of used productive asset was determined;
- The affected areas of agricultural productive land plots were compared with the totally holded and used productive lands plot areas, as a result of which the severity impact percentage was calculated;
- Based on the calculations carried out, the severally affected HHs were identified eligible for rehabilitation allowance due to severe impact under the Project (losing more than 10% of their agricultural productive land).

60. In case of AHs, who couldn't be surveyed by SES and no data is available on the totally holded agricultural productive land plots, the following approach has been applied:

- For the cases (both owned/rented or illegally used), when the total area of affected land plot is available by topography or cadastral map (demarcated lands), the total area was taken as a basis and compared with the affected surface to identify the severally affected HHs,
- For the cases (both owned/rented or illegally used), when the total area of affected land plot is not available, all AHs losing productive asset, have been conditionally considered as severally affected. This cases are subject for verification during the LARP implementation with provision of relevant proper grounds.

### **2.2.3 Signing of property description protocols:**

61. According to the A legislation, the compensation eligibility is limited by a cut-off date that is defined as a first day of signing of property description protocol for affected land plots by APs and Acquirer based on adoption of GoA decree on Eminent Domain, where the data of implemented census, DMS and impact assessment are recorded. No compensation will be given for additional improvements made after the cut-off date, except of the cases provided the by the Law and LARP. Usually, the signing of property description protocols allows to additionally verify the results of inventory with the owner/user to ensure their accuracy. Given the fact, that on the moment of preparation of this LARP, the GoA decree on Eminent domain has been adopted and just came into force, the signing of property description protocols with APs could not be carried out. However, to ensure the verification of inventoried impacts, the working inventory protocols used by the inventory specialist have been signed with the owners/users in the field to minimize the possible inaccuracies and complaints in future.

### **2.2.4 Impact assesment and valuation approach for affected apartment building in multi-dwelling building:**

62. For the evaluation of apartment in multi-dwelling building the comparison method has been used in accordance with the RA Real Estate Valuation Standart. Taking into account that there are affected apartments in a multi-dwelling building subject to alienation, consisting of only one or several dwelling rooms, without bathroom and kitchen, the surfaces of of these apartments are smaller then the smallest space on the real estate (dwelling) market of similar apartments (sold or offered) . Therefore, for the evaluation of these affected apartments, the special methodology has been applied in order to determine the compensation cost which will ensure the rehabilitation of the APs. In this regard, new vulnerability category has been defined under this LARP as "vulnerable residential relocates" in case when the compensation cost calculated for their affected residential apartment is not enough to restore the minimum similar residential apartment based on the market conditions of the given region. The details on applied methodology are presented in the Appendix 2, section 6.2.2).

### 2.2.5 Determination of affected households for unidentified land plots:

63. In cases when the owners of land plots haven't been identified by cadaster and/or community, the following principle has been applied:

- In case of the land plots which have been defined by cadaster as "private owned" without clear identification of the owner, for these lands 1 AH has been considered by LARP (besides the identified illegal user's AH),
- In case of the land plots which ownership status have been defined by cadaster as "not clear", no AH has been calculated for those lands in LARP (besides the identified illegal user's AH).

### 2.2.6. Assessment of land plots with cadastral discrepancies:

64. In case of cadastral discrepancies between the ownership certificate and cadastral map (surface, target or actual purpose etc.), the assessment of land plots has been carried out by the following principle: In case of available ownership certificate, the assessment was done based on the certificate's data, otherwise the cadastral map data has been taken for assessment (details are presented in chapter J and Appendix 8).

## 3. Impact Assessment

### 3.1 Land Impact

66. The Project will acquire 444 land plots from 168 AHs covering 526.018,54m<sup>2</sup> in 12 communities. The impact on privately owned land plots is 15.739.3 m<sup>2</sup>, community land plots is 177.197,8 m<sup>2</sup> and the land plots belong to RoA is 332.946,34 m<sup>2</sup> and 3 land plots measuring 135,1 m<sup>2</sup> are not identified by ownership status. In general, the Project affects only 3% of private owned lands in comparison with the total surface of lands (for all types of lands) in the Project affected zone. For community lands this percent is 33.7% and for RA lands is 63.3%.

67. The breakdown of affected land plots by Lots, communities and ownership status is shown below in table B. The 216 (48.7%) of totally affected 444 land plots are concentrated in Lot 1 and 114 (26.1%) and 112 (25.2%) in Lot 2 and Lot 3 respectively.

**Table B: Summary of Land Impacts by Lots and communities**

| Lot/ km                           | Lot 1               |               |     |                       | Lot 2               |               |     |                       | Lot 3               |               |     | Grand Total |
|-----------------------------------|---------------------|---------------|-----|-----------------------|---------------------|---------------|-----|-----------------------|---------------------|---------------|-----|-------------|
|                                   | km 38+450-km 48+140 |               |     |                       | km 48+140-km 62+300 |               |     |                       | km 62+300-km 90+191 |               |     |             |
| Community/<br>Ownership<br>status | Privat<br>e         | Commu<br>nity | Gov | Non<br>identi<br>fied | Privat<br>e         | Commu<br>nity | Gov | Non<br>identifi<br>ed | Private             | Communit<br>y | Gov |             |
|                                   | No                  |               |     |                       | No                  |               |     |                       | No                  |               |     |             |
| Akhtala                           | -                   | -             | -   | -                     | -                   | -             | -   | -                     | -                   | 7             | 2   | 9           |
| Aygehat                           | 2                   | 10            | 4   | -                     | -                   | -             | -   | -                     | -                   | -             | -   | 16          |
| Artchis                           | -                   | -             | -   | -                     | -                   | -             | -   | -                     | 1                   | 2             | 1   | 4           |
| Aqori                             | -                   | -             | -   | -                     | -                   | 2             | -   | -                     | -                   | -             | -   | 2           |
| Tumanyan                          | 1                   | -             | -   | -                     | -                   | -             | -   | -                     | -                   | -             | -   | 1           |
| Haghpat                           | -                   | -             | -   | -                     | 10                  | 33            | 8   | -                     | -                   | 13            | 4   | 68          |
| Neghots                           | -                   | -             | -   | -                     | -                   | -             | -   | -                     | 4                   | 26            | 5   | 35          |



|                    |           |            |           |          |           |           |           |          |           |           |           |            |
|--------------------|-----------|------------|-----------|----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|------------|
| Shnogh             | -         | -          | -         | -        | -         | -         | -         | -        | 8         | 36        | 3         | 47         |
| Alaverdi city      | 20        | 45         | 4         | 1        | 5         | 45        | 11        | 2        | -         | -         | -         | 133        |
| Odzun              | 28        | 94         | 7         | -        | -         | -         | -         | -        | -         | -         | -         | 129        |
| Ayrum*             | -         | -          | -         | -        | -         | -         | -         | -        | -         | -         | -         | -          |
| Haghtanak*         | -         | -          | -         | -        | -         | -         | -         | -        | -         | -         | -         | -          |
| Ptghavan*          | -         | -          | -         | -        | -         | -         | -         | -        | -         | -         | -         | -          |
| Bagratashen*       | -         | -          | -         | -        | -         | -         | -         | -        | -         | -         | -         | -          |
| <b>Grand Total</b> | <b>51</b> | <b>149</b> | <b>15</b> | <b>1</b> | <b>15</b> | <b>80</b> | <b>19</b> | <b>2</b> | <b>13</b> | <b>84</b> | <b>15</b> | <b>444</b> |

\*The community is located in Lot 3 section, but there are no impacts identified on that community.

### 3.2 Legal Occupancy Status of Affected Land

68. The following legal categories of lands are permanently affected based on ownership status:

- (i) **Privately owned:** 79 plots (23- agricultural: 56 –non agricultural) measuring 15.739,3 m<sup>2</sup>. Most of the affected agricultural lands are orchards (22 land plots measuring 5.777,4 m<sup>2</sup>), while in non-agroocultural land the main majority are residential lands (18 land plots measuring 2.432,9 m<sup>2</sup>). There are no leasholders or users identified on privat-owned land plots.
- (ii) **Community land:** 313 plots (14 agricultural and 299 non-agricultural) measuring 177.197,8 m<sup>2</sup>. From the affected non-agricultural community lands 26 are illegally used residential and 60 are other lands). Out of the totally affected community lands 212 with 91.663,4 m<sup>2</sup> surface area are directly administered by Local Self Governing Bodies (LSGBs) and usually are used by community members as pastures, rural roads and other land. While, Out 1 land plot is rented and the other 91 land plots with 54.097,4 m<sup>2</sup> surface area are illegally used by 84 non-registered users' AHs.
- (iii) **Government Land:** 49 plots measuring 332.946,34 m<sup>2</sup>. The majority 34 (185.816,2 m<sup>2</sup>) are special use lands, namely of which 20 are transport lands, 7 are river, 5 are forest lands and 1 is industrial land. Out of these 49 land plots 9 land plots with 139.204.84 m<sup>2</sup> used by by 11 non-registered users' AHs as an orchard and other lands.
- (iv) **Not-identified land:** The ownership status, as well as the target and operational purposes of 3 non-agricultural land plots with 135,1 m<sup>2</sup> surface area couldn't be identified neither by cadaster, nor by the communities. The land plots are not used.

### 3.3 Type of Land Losses

69. The land type has been classified in the base of actual operational purpose of the land plot. In total, Project impatcs 38 agricultural land plot with 46.080,50 m<sup>2</sup>, 372 non-agricultural land plot with 294.121,84 m<sup>2</sup> and 34 special use lands with 185.816,20 m<sup>2</sup>.
70. In general, main part of affected agricultural land plots are orchards (23 lands measuring 9.982,40 m<sup>2</sup>) and pastures (10 lands measuring 34.244,30 m<sup>2</sup>), and the affected non-agricultural land plots are mainly used as other land (278 lands measuring 287.711,24 m<sup>2</sup>), residential (44 lands measuring 2.951,20 m<sup>2</sup>) and roads (33 lands measuring 2.066,60 m<sup>2</sup>). The next 34 special use lands measuring 185.816,20 m<sup>2</sup> are used by the purpose of transport, river, and forest. The summery of land impacts by land type and land occupation status shown in the Table B1. The detailed overview of the land impacts by land type and land occupation status per communities and Lots is presented in Appendix 10.

71. In case of two residential land plots, the decision was made to acquire them totally due to following reasons:

- 1) 1<sup>st</sup> land plot (Aygehat, land code:06-014-0102-0002)- The total surface of residential land plots is 230sqm, while the affected part is 209.40sqm, including the residential house. Taking into account that the remaining not-affected part of land plot is 20.6sqm, the land plot cannot be used per its target purpose (residential), therefore the not affected part has been also included in the total area to be acquired and compensated accordingly.
- 2) 2<sup>nd</sup> land plot (Alaverdi, land code:06-002-0191-0011) - The total surface of residential land plot is 400 sqm and the affected part is 57.20 sqm. Meantime, as a result of acquisition, the residential land plot losses any access to the residential house located on the land plot. Taking into account the fact that the design cannot provide any access to the land plot and house, the residential land plot will be totally acquired (the total demolishen of the house has already been included in the list of structures to be demolished by the Contractor).

Table B1: Land Impacts by Type and Land Occupation Status

| Type                |                         | Private |    |               | Community |    |               |              |    |               |                 |               | Gov land |               |              |    |               |       | Non-identified* |       | Total |               |           |
|---------------------|-------------------------|---------|----|---------------|-----------|----|---------------|--------------|----|---------------|-----------------|---------------|----------|---------------|--------------|----|---------------|-------|-----------------|-------|-------|---------------|-----------|
|                     |                         | Owned   |    |               | Rented    |    |               | Illegal used |    |               | Community owned |               | RoA land |               | Illegal used |    |               |       |                 |       |       |               |           |
|                     |                         | Plots   | AH | Affected Area | Plots     | AH | Affected Area | Plots        | AH | Affected Area | Plots           | Affected Area | Plots    | Affected Area | Plots        | AH | Affected Area | Plots | Affected Area   | Plots | AH    | Affected Area |           |
|                     |                         | No      | No | m2            | No        | No | m2            | No           | No | m2            | No              | m2            | No       | m2            | No           | m2 | No            | No    | m2              | No    | m2    | No            | No        |
| A. Agricultural     | Orchard                 | 22      | 22 | 5.777,4       | -         | -  | -             | -            | -  | -             | -               | -             | -        | -             | -            | 1  | 1             | 4.205 | -               | -     | 23    | 23            | 9.982,40  |
|                     | Pasture                 | -       | -  | -             | -         | -  | -             | 2            | 2  | 3.379,2       | 8               | 30.865,1      | -        | -             | -            | -  | -             | -     | -               | -     | 10    | 2             | 34.244,30 |
|                     | Agricultural industrial | 1       | 4  | 212,7         | -         | -  | -             | -            | -  | -             | -               | -             | -        | -             | -            | -  | -             | -     | -               | -     | 1     | 4             | 212,70    |
|                     | Grass                   | -       | -  | -             | -         | -  | -             | -            | -  | -             | 1               | 566,9         | -        | -             | -            | -  | -             | -     | -               | -     | 1     | -             | 566,90    |
|                     | Arable                  | -       | -  | -             | -         | -  | -             | 3            | 3  | 1.074,2       | -               | -             | -        | -             | -            | -  | -             | -     | -               | -     | 3     | 3             | 1.074,20  |
| Subtotal A.         |                         | 23      | 26 | 5.990,1       | -         | -  | -             | 5            | 5  | 4.453,4       | 9               | 31.432,0      | -        | -             | 1            | 1  | 4.205         | -     | -               | 38    | 32    | 46.080,50     |           |
| B. Non-agricultural | Residential             | 18      | 28 | 2.432,9       | -         | -  | -             | 26           | 19 | 518,30        | -               | -             | -        | -             | -            | -  | -             | -     | -               | -     | 44    | 41            | 2.951,20  |
|                     | Commercial              | 10      | 10 | 631,8         | -         | -  | -             | -            | -  | -             | -               | -             | -        | -             | -            | -  | -             | -     | 1               | 19    | 11    | 10            | 650,60    |
|                     | Industrial              | 6       | 8  | 742,2         | -         | -  | -             | -            | -  | -             | -               | -             | -        | -             | -            | -  | -             | -     | -               | -     | 6     | 8             | 742,20    |
|                     | Road                    | -       | -  | -             | -         | -  | -             | -            | -  | -             | 33              | 2.066,6       | -        | -             | -            | -  | -             | -     | -               | -     | 33    | -             | 2.066,60  |
|                     | Other land              | 22      | 21 | 5.942,3       | 1         | 1  | 5             | 60           | 67 | 49.125,7      | 179             | 89.596,8      | 6        | 7925,3        | 8            | 10 | 134.999,84    | 2     | 116,3           | 278   | 94    | 287.711,24    |           |
| Subtotal B.         |                         | 56      | 67 | 9.749,2       | 1         | 1  | 5             | 86           | 84 | 49.644,0      | 212             | 91.663,4      | 6        | 7.925,3       | 8            | 10 | 134.999,84    | 3     | 135,1           | 372   | 142   | 294.121,84    |           |
| C. Special use      | Forest                  | -       | -  | -             | -         | -  | -             | -            | -  | -             | -               | -             | 5        | 12361,1       | -            | -  | -             | -     | -               | 5     | -     | 12.361,10     |           |
|                     | Industrial              | -       | -  | -             | -         | -  | -             | -            | -  | -             | -               | -             | 2        | 207,9         | -            | -  | -             | -     | -               | 2     | -     | 207,90        |           |
|                     | River                   | -       | -  | -             | -         | -  | -             | -            | -  | -             | -               | -             | 7        | 863,7         | -            | -  | -             | -     | -               | 7     | -     | 863,70        |           |
|                     | Transport               | -       | -  | -             | -         | -  | -             | -            | -  | -             | -               | -             | 20       | 172383,5      | -            | -  | -             | -     | -               | 20    | -     | 172.383,50    |           |
| Subtotal C.         |                         | -       | -  | -             | -         | -  | -             | -            | -  | -             | -               | -             | 34       | 185816,2      | -            | -  | -             | -     | -               | 34    | -     | 185.816,20    |           |
| Total               |                         | 79      | 91 | 15.739,3      | 1         | 1  | 5             | 91           | 86 | 54.097,4      | 221             | 123.095,4     | 40       | 193.741,5     | 9            | 11 | 139.204,84    | 3     | 135,1           | 444   | 168   | 526.018,54    |           |

\* Non-identified land plots are not used by any household.

\*\* The number of AHs in totals are presented without double counting.

### 3.4 Impact on Buildings and Structures

72. The Project road alignment has directly impacted 77 structures with 1032,07m<sup>2</sup> on 55 land plots, out of which 45 are residential and 32 are non-residential structures. By the size of the affected surface area, the impact on residential structures (715,67m<sup>2</sup>) is more significant than in case of non-residential structures (316,40m<sup>2</sup>). In total, 27 and 22 AHs are impacted due to loss of residential and non-residential structures and buildings. All affected residential structures are located in communities of Lot 1 section.

**Table B2: Total Affected Buildings and Structures**

| Type            | Structure | Total          | Plots     |
|-----------------|-----------|----------------|-----------|
|                 | No        | m <sup>2</sup> | N         |
| Residential     | 45        | 715,67         | 30        |
| Non-residential | 32        | 316,40         | 25        |
| <b>Total</b>    | <b>77</b> | <b>1032,07</b> | <b>55</b> |

73. 12 residential houses with their support structures (22 structures with 177,3m<sup>2</sup>) in Alaverdi, Aygehat and Odzun communities are affected by the Project. Out of these 12 residential houses only 6 will be physically relocated (multi-dwelling building), as the others are not actually inhabited. The remaining 45 structures with 715,67 m<sup>2</sup> are affected without the loss of the main building (house). The detailed description of each structure including the type of material and number of land plot the structures on which are affected is presented in the Table B3.

**Table B3: Impact on Residential Buildings and Structures**

| Name  | Material    | No | Total  | Plots | Community                               |
|---|-------------|----|--------|-------|---|
|   |             |    | m²     | No    |   |
| A. House  |             |    |        |       |   |
| Residential house   | Stone       | 2  | 100,99 | 2     | Aygehat (52.19m²),<br>Alaverdi (48.8m²) |
| Apartment   | Stone       | 9  | 342,6  | 1     | Alaverdi                                |
| Lodge   | Stone       | 1  | 11,5   | 1     | Odzun                                   |
| Subtotal A.   | -           | 12 | 455,09 | 4     | -                                       |
| B. Supporting Structures                                  |             |    |        |       |   |
| B1. Supporting Structures with Affected Residential House |             |    |        |       |   |
| Cattle shed   | Stone       | 1  | 15,37  | 18    | Aygehat                                 |
| Kitchen   | Stone       | 2  | 25,6   |       | Alaverdi                                |
| Closet  | Stone       | 4  | 36,09  |       | Alaverdi                                |
| Hole (potatoes)   | In-situ r/c | 3  | 2,6    |       | Alaverdi                                |
| Hencoop   | Stone       | 1  | 8,4    |       | Alaverdi                                |
| Barn  | Stone, Wood | 3  | 18,95  |       | Alaverdi                                |

| Name   | Material    | No | Total  | Plots | Community  |
|--|-------------|----|--------|-------|--|
|  |             |    | m²     | No    |  |
| Toilet   | Stone, Wood | 5  | 39,23  |       | Alaverdi (1.5m², 9.2m², 8.11m², 18.92 m²)<br>Odzun (1.5m²) |
| Toilet and Closet                                      | Stone       | 1  | 6,8    |       | Alaverdi   |
| Support structure                                      | Stone       | 2  | 24,3   |       | Alaverdi   |
| Subtotal B1.   | -           | 22 | 177,3  |       | -  |
| B2. Support Structures of HHs without Residential Loss |             |    |        |       |  |
| Closet   | Brick       | 1  | 19     | 12    | Alaverdi   |
| Incomplete barn  | Wood        | 1  | 2      |       | Alaverdi   |
| Barn   | Stone, Wood | 9  | 62,24  |       | Alaverdi   |
| Subtotal B2.   | -           | 11 | 83,24  |       | Alaverdi   |
| Subtotal (B1+B2)                                       | -           | 33 | 260,58 | 29    | -  |
| Total  | -           | 45 | 715,67 | 30    | -  |

74. From the total 77 structures, 32 are non-residential structures with 316,40 m<sup>2</sup> affected by the Project, of which 2 are business structures (grocery and shed) with 14,36 m<sup>2</sup>. Almost half of the affected non-residential structures are located in Lot 1 section (15), and 7 and 8 in Lot 2 and Lot 3 respectively. From the total non-residential structures only 5,90 m<sup>2</sup> (basement) are legal (registered).

75. The list of structures to be demolished and in some cases also to be reconstructed are included in the scope of Contractors' work in accordance with the detailed desing package. During the LARP preperation it was compared with the list of actually identified affected buildings. As a result of comparison, there were identified several structures (residential buildings, fences, other improvements) which are missing from the list of Contractors' scope, while there are other structures which are not affected anymore due to proposed design solutions. Therefore, in this LARP all affected structures, regardless if they are envisaged by the design as a subject for demolishing and reconstruction, has been calculated at replacement cost. This will allow to apply similar approach to all affected properties and APs. In this regard, during the LARP implementation the list of structures to be demolished and in some cases also to be reconstructed included in the scope of Contractors' work will be updated based on actual impacts.

**Table B4: Impact on Non-Residential Structures**

| Table B.1 Impact on Non-Business Structures |            |                   |          |                 |            |              |             |             |           |
|---|------------|-------------------|----------|-----------------|------------|--------------|-------------|-------------|-----------|
| Lot   | No         | Type of Structure | Material | No of Structure | Legal sq.m | Illegal sq.m | Total sq.m. | No of Plots | Community |
| A. Business Structures                      |            |                   |          |                 |            |              |             |             |           |
| Lot 1                                       | Business 1 | Grocery           | Stone    | 1               | -          | 11,36        | 11,36       | 2           | Alaverdi  |
|   |            | Shed              | Metal    | 1               | -          | 3,00         | 3,00        |             |           |
| Subtotal A.                                 |            |                   |          | 2               | -          | 14,36        | 14,36       | 2           | -         |
| B. Non Business Structures                  |            |                   |          |                 |            |              |             |             |           |

| Lot   | No             | Type of Structure                  | Material                     | No of Structure | Legal sq.m | Illegal sq.m | Total sq.m. | No of Plots | Community  |
|-------|----------------|------------------------------------|------------------------------|-----------------|------------|--------------|-------------|-------------|--|
| Lot 1 | 1              | Garage                             | Stone                        | 2               | -          | 30,44        | 30,44       | 13          | Alaverdi   |
|       | 2              | Pigsty                             | Metal                        | 1               | -          | 11,50        | 11,50       |             | Alaverdi   |
|       | 3              | Closet                             | Brick, Metal                 | 2               | -          | 20,42        | 20,42       |             | Odzun  |
|       | 4              | Shed                               | Asbestos slate, Stone, Metal | 3               | -          | 26,40        | 26,40       |             | Alaverdi (17.9m <sup>2</sup> ), Odzun (11.52m <sup>2</sup> , 8.9m <sup>2</sup> ) |
|       | 5              | Dilapidated structure              | Stone                        | 1               |            | 7,70         | 7,70        |             | Odzun  |
|       | 6              | Basement                           | Stone                        | 1               | 5,90       |              | 5,90        |             | Alaverdi   |
|       | 7              | Non-operating shop                 | Stone                        | 1               | -          | 32,04        | 32,04       |             | Odzun  |
|       | 8              | Toilet                             | Metal, Wood                  | 2               | -          | 3,00         | 3,00        |             | Odzun  |
|       | 9              | Car repair main hole               | In-situ r/c, Wood            | 2               | -          | 3,60         | 3,60        |             | Alaverdi (1.5m <sup>2</sup> ), Odzun (2.1m <sup>2</sup> )                        |
|       | Subtotal Lot 1 |                                    |                              | 15              | 5,90       | 135,10       | 141,00      |             | -  |
| Lot 2 | 1              | Non-operating car repair main hole | Stone                        | 1               | -          | 4,60         | 4,60        | 5           | Alaverdi   |
|       | 2              | Cattle shed                        | Stone                        | 1               | -          | 29,32        | 29,32       |             | Alaverdi   |
|       | 3              | Shed                               | Asbestos slate, Wood         | 2               | -          | 9,72         | 9,72        |             | Alaverdi   |
|       | 4              | Toilet                             | Metal, Wood                  | 2               | -          | 3,50         | 3,50        |             | Haghpat (1.5m <sup>2</sup> ), Alaverdi (2m <sup>2</sup> )                        |
|       | 5              | Patio                              | Metal                        | 1               | -          | 10,00        | 10,00       |             | Haghpat  |
|       | Subtotal Lot 2 |                                    |                              | 7               | -          | 57,14        | 57,14       |             | -  |
| Lot 3 | 1              | Lodge                              | Stone                        | 1               | -          | 12,00        | 12,00       | 5           | Shnogh   |
|       | 2              | Unused structure                   | Stone                        | 1               | -          | 12,80        | 12,80       |             | Shnogh   |
|       | 3              | Cattle shed                        | Stone                        | 1               | -          | 49,00        | 49,00       |             | Neghots  |
|       | 4              | Closet                             | Wood                         | 2               | -          | 11,05        | 11,05       |             | Artchis  |
|       | 5              | Shed                               | Metal, Wood                  | 2               | -          | 13,05        | 13,05       |             | Artchis (9.45m <sup>2</sup> ), Shnogh (3.6m <sup>2</sup> ),                      |
|       | 6              | Incomplete                         | Wood                         | 1               | -          | 6,00         | 6,00        |             | Artchis  |
|       | Subtotal Lot 3 |                                    |                              | 8               | -          | 103,90       | 103,90      |             | -  |
| Total | 1              | Lodge                              | Stone                        | 1               | -          | 12,00        | 12,00       | 23          | Shnogh   |

| Lot                | No | Type of Structure                  | Material                           | No of Structure | Legal sq.m  | Illegal sq.m  | Total sq.m.   | No of Plots | Community   |
|--------------------|----|------------------------------------|------------------------------------|-----------------|-------------|---------------|---------------|-------------|---|
|                    | 2  | Unused structure                   | Stone                              | 1               | -           | 12,80         | 12,80         | 25          | Shnogh  |
|                    | 3  | Non-operating car repair main hole | Stone                              | 1               | -           | 4,60          | 4,60          |             | Alaverdi  |
|                    | 4  | Garage                             | Stone                              | 2               | -           | 30,44         | 30,44         |             | Alaverdi  |
|                    | 5  | Cattle shed                        | Stone                              | 2               | -           | 78,32         | 78,32         |             | Neghots (49m <sup>2</sup> ), Alaverdi (29.32m <sup>2</sup> )  |
|                    | 6  | Pigsty                             | Metal                              | 1               | -           | 11,50         | 11,50         |             | Alaverdi  |
|                    | 7  | Closet                             | Brick, Metalm Wood                 | 4               |             | 31,47         | 31,47         |             | Artchis (11.05m <sup>2</sup> ), Odzun (20.42m <sup>2</sup> )  |
|                    | 8  | Shed                               | Asbestos slate, Stone, Metal, Wood | 7               |             | 49,17         | 49,17         |             | Artchis (9.45m <sup>2</sup> ), Shnogh (3.6m <sup>2</sup> ), Alaverdi (27.62m <sup>2</sup> ), Odzun (8.5m <sup>2</sup> ) |
|                    | 9  | Incomplete                         | Wood                               | 1               |             | 6,00          | 6,00          |             | Artchis   |
|                    | 10 | Dilapidated structure              | Stone                              | 1               |             | 7,70          | 7,70          |             | Odzun   |
|                    | 11 | Basement                           | Stone                              | 1               | 5,90        |               | 5,90          |             | Alaverdi  |
|                    | 12 | Non-operating shope                | Stone                              | 1               |             | 32,04         | 32,04         |             | Odzun   |
|                    | 13 | Toilet                             | Metal, Wood                        | 4               |             | 6,50          | 6,50          |             | Haghpat (1.5m <sup>2</sup> ), Alaverdi (2m <sup>2</sup> ), Odzun (3m <sup>2</sup> )                                     |
|                    | 14 | Patio                              | Metal                              | 1               |             | 10,00         | 10,00         |             | Haghpat   |
|                    | 15 | Car repair main hole               | In-situ r/c, Wood                  | 2               |             | 3,60          | 3,60          |             | Alaverdi (1.5m <sup>2</sup> ), Odzun (2.1m <sup>2</sup> )   |
| <b>Subtotal B.</b> |    |                                    |                                    | <b>30</b>       | <b>5,90</b> | <b>296,14</b> | <b>302,04</b> |             | -   |
| <b>Total (A+B)</b> |    |                                    |                                    | <b>32</b>       | <b>5,90</b> | <b>310,50</b> | <b>316,40</b> | <b>25</b>   | <b>-</b>  |

### 3.5 Movable Structures

76. The Project will affect 6 movable structures<sup>11</sup> with 118.3 m<sup>2</sup> surface, of which the metal kiosk, metal construction and metal house will be relocated. Transportation cost will be paid to the APs to relocate the movable assets.

<sup>11</sup>Movable structures are identified according to the definition of Civil Code of RA. Movable property shall be the property not considered as immovable (Civil Code of RA, article 134, point 2 ). Immovable property shall be considered land parcels, subsoil parcels, separate water objects, forests, perennial plantings, underground and above-ground buildings, structures and other property fixed to land, namely objects that are impossible to separate from land without damage to that property or land parcel or without change, termination of their purpose or impossibility of their further use by designated purpose (Civil Code of RA, article 134, point 1).

**Table B5: Impact on Movable Structures**

| Type of Affected Structures | Const ructio n Type | Lot 1      |                  |            |                  | Lot 2      |                   | Lot 3      |                  | Total      |                  |
|-----------------------------|---------------------|------------|------------------|------------|------------------|------------|-------------------|------------|------------------|------------|------------------|
|                             |                     | Alaverdi   |                  | Odzun      |                  | Alaverdi   |                   | Shnogh     |                  |            |                  |
|                             |                     | Building s | Affected Surface | Building s | Affected Surface | Buildin gs | Affecte d Surface | Building s | Affected Surface | Buildin gs | Affected Surface |
|                             |                     | No         | m²               | No         | m²               | No         | m²                | No         | m²               | No         | m²               |
| Kiosk                       | Metal               | 1          | 7,6              | 1          | 3                | 1          | 7,7               | -          | -                | 3          | 18,3             |
| Metal construction          | Metal               | -          | -                | 1          | 15               | -          | -                 | -          | -                | 1          | 15               |
| Metal house                 | Metal               | -          | -                | -          | -                | -          | -                 | 2          | 85               | 2          | 85               |
| Total                       |                     | 1          | 7,6              | 2          | 18               | 1          | 7,7               | 2          | 85               | 6          | 118,3            |

### 3.6 Residential Relocation

77. There are 6 AHs (25 APs) whose residential apartments located in the multi-dwelling building will be demolished. Actually these multi-dwelling building is not affected by the Project directly, but it was included in RoW based on Designer's and Engineer's technical conclusion to acquire them due to safety reasons. Besides, the windows of two apartments will be closed because of the retaining wall envisaged by the design exactly in front of the building. Meantime, the Project directly impacts their toilets, kitchen and closets which are located separately out of the apartment near the multi-dwelling building, which means that they will not be able to use the essential supporting structures of their apartment and will not be able to restore them due to the fact that there is not enough space in the given area to construct new toilets, kitchen and closets. Thus, the whole multi-dwelling building will be relocated by the Project.

78. For the evaluation of residential apartment in multi-dwelling building the comparison method has been used in accordance with the RA Real Estate Valuation Standard (see Appendix 2).

79. DMS shows that there are affected apartments in a multi-dwelling building subject to alienation, consisting of only one or several dwelling rooms, without bathroom and kitchen. Analysis of the local real estate market shows the surfaces of these apartments are smaller than the smallest space on the real estate (dwelling) market of similar apartments (sold or offered). Therefore, for the evaluation of these affected apartments, the special methodology has been applied for determination of the compensation cost (see Appendix 2). Particularly:

- The new vulnerability category has been defined as "the vulnerable residential relocated AHs" who will be given rehabilitation allowance equal to the difference of compensation cost calculated for their affected residential apartment between the market value of the minimum similar residential apartment based on the market conditions of the given region (in case when the compensation cost calculated for their affected residential apartment is not enough to restore the minimum similar residential apartment based on the market conditions of the given region). These is determined by the valuers based on market analysis and calculations.
- In case of other affected apartments which has bigger surface then the minimal area of apartments available (sold or offered) in the real estate (flat) market of the region, the compensation cost has been considered as the evaluated market value of that apartment in accordance with comparative method described above.



80. The above applied approach will allow the APs to purchase new similar apartment with all minimum supporting facilities (toilet, kitchen, bathroom).

81. In addition, APs will receive a set of appropriate allowances such as relocation allowance, rehabilitation allowance, allowance for severe impact, as well as rehabilitation allowance for vulnerable residential relocated AH allowance. The details are shown in the following table B6.

**Table B6: Compensation and Assistance for Residential Relocates**

| No of AHs | Description of loss | Relocation      | Compensation details   | Assistance provided   | Time for relocation                                      |
|-----------|---------------------|-----------------|--|---|--|
| 6         | Residential /house  | Self-relocation | Compensation for all affected assets at replacement cost based on asset affected. For structures market cost | Relocation allowance covering livelihood at minimum salary x 1 month.   | 30 calendar days after the delivery of full compensation |
|           |                     |                 |  | Allowance as severely affected to be relocated AH in amount of 6 x minimum salary,                                |  |
|           |                     |                 |  | Allowance as severely affected household for fruit trees, crops losses in amount of 1 year yield were applicable, |  |
|           |                     |                 |  | Allowance to socially vulnerable AH in amount of 6 x minimum salary, were applicable,                             |  |
|           |                     |                 |  | Rehabilitation allowance for vulnerable residential relocated AH, were applicable,                                |  |
|           |                     |                 |  | Transportation cost for the assets to be moved.   |  |

82. The detailed losses of 6 residential relocates are presented in the table B7 below.

**Table B7: Detailed Impact on Residential Relocation**

| No                     | Affected Land    |                |                   |              | Affected Structure   |       | Affected households |                  |
|------------------------|------------------|----------------|-------------------|--------------|----------------------|-------|---------------------|------------------|
|                        | Type of owner    | Usage Status   | Affected Area, m² | Type of Land | Name                 | m²    | No of AHs           | No of AH members |
| <b>Lot 1. Alaverdi</b> |                  |                |                   |              |                      |       |                     |                  |
| 1                      | Shared Ownership | Owner          | -                 | Residential  | Apartment            | 34,8  | 1                   | 7                |
|                        | Community        | Illegally used | 32,40             | Residential  | Toilet               | 18,92 |                     |                  |
|                        | Community        | Illegally used | 7,70              | Residential  | Barn                 | 7     |                     |                  |
|                        |                  |                |                   |              | Main hole (potatoes) | 1     |                     |                  |
|                        |                  |                |                   |              | Kitchen              | 10    |                     |                  |
| 2                      | Shared Ownership | Owner          | -                 | Residential  | Apartment            | 20    | 1                   | 2                |
|                        | Community        | Illegally used | 19,30             | Residential  | Support structure    | 11    |                     |                  |
|                        | Community        | Illegally used | 9,00              | Residential  | Barn                 | 6     |                     |                  |
|                        |                  |                |                   |              | Main hole (potatoes) | 1     |                     |                  |
| 3                      | Shared Ownership | Owner          | -                 | Residential  | Apartment            | 71,2  | 1                   | 4                |
|                        | Community        | Illegally used | 22,30             | Residential  | Support structure    | 13,4  |                     |                  |
|                        | Community        | Illegally used | 11,60             | Residential  | Closet               | 9,2   |                     |                  |
|                        | Community        | Illegally used | 10,30             | Residential  | Closet               | 9,2   |                     |                  |
|                        | Community        | Illegally used | 8,80              | Residential  | Toilet               | 9,2   |                     |                  |
| 4                      | Shared Ownership | Owner          |                   | Residential  | Apartment            | 62,5  | 1                   | 7                |
|                        | Community        | Illegally used | 8,10              | Residential  | Toilet/Closet        | 6,8   |                     |                  |
| 5                      | Shared Ownership | Owner          | -                 | Residential  | Apartment            | 27,3  | 1                   | 1                |
| 6                      | Shared Ownership | Owner          | -                 | Residential  | Apartment            | 57,4  | 1                   | 4                |
|                        | Community        | Illegally used | 14,50             | Residential  | Kitchen              | 15,6  |                     |                  |
|                        | Community        | Illegally used | 9,30              | Residential  | Closet               | 8,99  |                     |                  |

| No | Affected Land |                |                   |              | Affected Structure |      | Affected households |                  |
|----|---------------|----------------|-------------------|--------------|--------------------|------|---------------------|------------------|
|    | Type of owner | Usage Status   | Affected Area, m² | Type of Land | Name               | m²   | No of AHs           | No of AH members |
|    | Community     | Illegally used | 9,30              | Residential  | Toilet             | 8,11 |                     |                  |

### 3.7 Fences and Other Improvements

83. A total 2.398,24 m² fences will be affected by the Project, of which 84,5 m² of In-situ r/c and 2.266,57 m² of stone fencings, as well as 47,17 m² of walls made by basalt and stone (see table B8). The fences have been presented separately, as they have different height and thickness and were evaluated by different unit prices. Overall, 52 AHs households will be affected by loss of fences and will be compensated at replacement cost.

Table B8: Impact on Fence

| Material          | Lot 1        |               |              | Lot 2        |              | Lot 3       |            | Grand Total     |
|-------------------|--------------|---------------|--------------|--------------|--------------|-------------|------------|-----------------|
|                   | Aygehat      | Alaverdi      | Odzun        | Haghpat      | Alaverdi     | Neghots     | Shnogh     |                 |
|                   | Area (m²)    |               |              | Area (m²)    |              | Area (m²)   |            | Area (m²)       |
| In-situ r/c       | -            | 66,5          | 18           | -            | -            | -           | -          | 84,5            |
| <b>Subtotal A</b> | -            | <b>66,5</b>   | <b>18</b>    | -            | -            | -           | -          | <b>84,5</b>     |
| Stone A           | -            | -             | 362,4        | -            | -            | -           | -          | 362,4           |
| Stone B           | -            | -             | -            | -            | -            | -           | 210        | 210             |
| Stone C           | -            | 80            | -            | -            | -            | -           | -          | 80              |
| Stone D           | -            | -             | 69,7         | -            | -            | -           | -          | 69,7            |
| Stone E           | -            | -             | -            | -            | 145,6        | -           | -          | 145,6           |
| Stone F           | 112,5        | 183,47        | -            | 148,1        | 295          | 81,4        | 257        | 1.077,47        |
| Stone G           | -            | 209,6         | 75           | -            | -            | -           | -          | 284,6           |
| Stone H           | -            | -             | 36,8         | -            | -            | -           | -          | 36,8            |
| <b>Subtotal B</b> | <b>112,5</b> | <b>473,07</b> | <b>543,9</b> | <b>148,1</b> | <b>440,6</b> | <b>81,4</b> | <b>467</b> | <b>2.266,57</b> |
| Stone/basalt A    | 14,25        | -             | -            | -            | -            | -           | -          | 14,25           |
| Stone/basalt B    | 7            | -             | -            | -            | -            | -           | -          | 7               |
| Stone/basalt C    | 25,92        | -             | -            | -            | -            | -           | -          | 25,92           |

| Material   | Lot 1     |          |       | Lot 2     |          | Lot 3     |        | Grand Total |
|------------|-----------|----------|-------|-----------|----------|-----------|--------|-------------|
|            | Aygehat   | Alaverdi | Odzun | Haghpat   | Alaverdi | Neghots   | Shnogh |             |
|            | Area (m²) |          |       | Area (m²) |          | Area (m²) |        | Area (m²)   |
| Subtotal C | 47,17     | -        | -     | -         | -        | -         | -      | 47,17       |
| Total      | 159,67    | 539,57   | 561,9 | 148,1     | 440,6    | 81,4      | 467    | 2.398,24    |

84. The 76 AHs have made some other improvements on land plots that have been that have been measured and calculated for compensation. They are namely: wooden, asbestos, in-situ r/c and metal fences, metal, wooden and in-situ gates and doors, as well as metal irrigation pipes affected by the Project. Besides, kerbstone, asphalt area and concrete base are also affected. A total of 238,6m<sup>2</sup>, 3.563 l.m. and 38 numbers of improvements will be compensated. Details are provided in table B9.

85. For the affected asset from the asbestos, the special regulation will be developed within the SEMP during the construction in accordance with the ADB's environmental safeguard standards.

**Table B9: Impact on Improvements**

| Type                     | Material                     | Lot 1<br>(Aygehat, Alaverdi,<br>Odzun) |        |    | Lot 2<br>(Haghpat, Alaverdi) |        |    | Lot 3<br>(Neghots, Shnogh) |        |    | Total          |        |    |
|--------------------------|------------------------------|--|--------|----|------------------------------|--------|----|----------------------------|--------|----|----------------|--------|----|
|                          |                              | Area                                   | Length | No | Area                         | Length | No | Area                       | Length | No | Area           | Length | No |
|                          |                              | m <sup>2</sup>                         | l.m.   |    | m <sup>2</sup>               | l.m.   |    | m <sup>2</sup>             | l.m.   |    | m <sup>2</sup> | l.m.   |    |
| Staircase                | Metal                        | -                                      | -      | 2  | -                            | -      | -  | -                          | -      | -  | -              | -      | 2  |
| Stairs                   | Concrete                     | 20                                     | -      | -  | 2,0                          | -      | -  | -                          | -      | -  | 22,0           | -      | -  |
| Gate A                   | Metal                        | -                                      | -      | 5  | -                            | -      | 1  | -                          | -      | 1  | -              | -      | 7  |
| Gate B                   | Metal                        | -                                      | -      | 2  | -                            | -      | 1  | -                          | -      | -  | -              | -      | 3  |
| Gate C                   | Metal, In-situ r/c           | -                                      | -      | 1  | -                            | -      | -  | -                          | -      | -  | -              | -      | 1  |
| Door A                   | Wood                         | -                                      | -      | 1  | -                            | -      | -  | -                          | -      | 3  | -              | -      | 4  |
| Door B                   | Metal                        | -                                      | -      | 8  | -                            | -      | 1  | -                          | -      | 6  | -              | -      | 15 |
| Door C                   | Metal                        | -                                      | -      | -  | -                            | -      | -  | -                          | -      | 1  | -              | -      | 1  |
| Kerbstone A              | Concrete                     | -                                      | -      | -  | -                            | 29     | -  | -                          | -      | -  | -              | 29,0   | -  |
| Kerbstone B              | Basalt                       | -                                      | 20,0   | -  | -                            | -      | -  | -                          | -      | -  | -              | 20,0   | -  |
| Platform                 | Concrete                     | 44                                     | -      | -  | -                            | -      | -  | -                          | -      | -  | 44,0           | -      | -  |
| Base                     | In-situ r/c                  | -                                      | -      | -  | 1,6                          | -      | -  | 3                          | -      | -  | 4,6            | -      | -  |
| Railing                  | Basalt                       | -                                      | 13,2   | -  | -                            | -      | -  | -                          | -      | -  | -              | 13,2   | -  |
| Fence                    | Metal, Asbestos slate, Stone | -                                      | 20,3   | -  | -                            | -      | -  | -                          | -      | -  | -              | 20,3   | -  |
| Irrigation pipe d=1000mm | Metal                        | -                                      | -      | -  | -                            | -      | -  | -                          | 5,0    | -  | -              | 5,0    | -  |
| Irrigation pipe d=110mm  | Metal                        | -                                      | 59,0   | -  | -                            | -      | -  | -                          | -      | -  | -              | 59,0   | -  |
| Irrigation pipe d=50mm   | Metal                        | -                                      | 156,0  | -  | -                            | -      | -  | -                          | 120,0  | -  | -              | 276,0  | -  |
| Area                     | Concrete                     | 90                                     | -      | -  | -                            | -      | -  | -                          | -      | -  | 90,0           | -      | -  |

| Type                 | Material                      | Lot 1<br>(Aygehat, Alaverdi, Odzun) |         |    | Lot 2<br>(Haghpata, Alaverdi) |        |    | Lot 3<br>(Neghots, Shnogh) |         |    | Total          |         |    |
|----------------------|-------------------------------|-------------------------------------|---------|----|-------------------------------|--------|----|----------------------------|---------|----|----------------|---------|----|
|                      |                               | Area                                | Length  | No | Area                          | Length | No | Area                       | Length  | No | Area           | Length  | No |
|                      |                               | m <sup>2</sup>                      | l.m.    |    | m <sup>2</sup>                | l.m.   |    | m <sup>2</sup>             | l.m.    |    | m <sup>2</sup> | l.m.    |    |
| Area                 | Asphalt                       | -                                   | -       | -  | 68,0                          | -      | -  | -                          | -       | -  | 68,0           | -       | -  |
| Area upgrade         | Lawn                          | -                                   | -       | -  | 10,0                          | -      | -  | -                          | -       | -  | 10,0           | -       | -  |
| Fencing A            | Wood                          | -                                   | 45,0    | -  | -                             | 96     | -  | -                          | 187,0   | -  | -              | 328,0   | -  |
| Fencing B            | Wood/Metal                    | -                                   | -       | -  | -                             | 15     | -  | -                          | -       | -  | -              | 15,0    | -  |
| Fencing C            | Wire mesh                     | -                                   | 757,0   | -  | -                             | 84     | -  | -                          | 1.313,1 | -  | -              | 2.154,1 | -  |
| Fencing D            | Metal                         | -                                   | 16,0    | -  | -                             | 364    | -  | -                          | 10,0    | -  | -              | 390,0   | -  |
| Fencing E            | In-situ r/c, Metal, Wire mesh | -                                   | -       | -  | -                             | 43     | -  | -                          | 210,0   | -  | -              | 253,0   | -  |
| Signpost             | Metal                         | -                                   | -       | -  | -                             | -      | 1  | -                          | -       | -  | -              | -       | 1  |
| Bearing surface area | r/c                           | -                                   | -       | 4  | -                             | -      | -  | -                          | -       | -  | -              | -       | 4  |
| Total                |                               | 154                                 | 1.086,5 | 23 | 81,6                          | 631    | 4  | 3                          | 1.845,1 | 11 | 238,6          | 3.563   | 38 |

### 3.8 Impact on Crops

86. Although the affected areas are not favorable for agricultural usage, some residents grow vegetables to support their household's income. In total, only 151 m<sup>2</sup> crops will be affected. Basically, the APs are engaged in cultivation of crops in Alaverdi, Odzun, Artchis and Shnogh. The most frequently grown crops are bean, tomato and cucumber with 40 m<sup>2</sup>, 28 m<sup>2</sup> and 41 m<sup>2</sup> respectively. In consequence, a total of 437,1 kg of different vegetables will be lost annually (see table B10).

Table B10: Impact on Crops

| Type of Crop       | Annual Productivity | Lot 1          |            |                |            | Lot 2          |            | Lot 3          |            |                |            | Total          |            |
|--------------------|---------------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|------------|
|                    |                     | Alaverdi       |            | Odzun          |            | Alaverdi       |            | Artchis        |            | Shnogh         |            | Affected Area  | Total Loss |
|                    |                     | Affected Area  | Total Loss | Affected Area  | Total Loss | Affected Area  | Total Loss | Affected Area  | Total Loss | Affected Area  | Total Loss |                |            |
|                    | kg/ m <sup>2</sup>  | m <sup>2</sup> | Kg         | m <sup>2</sup> | Kg         | m <sup>2</sup> | Kg         | m <sup>2</sup> | Kg         | m <sup>2</sup> | Kg         | m <sup>2</sup> | Kg         |
| Decorative flowers | -                   | -              | -          | 2              | -          | -              | -          | -              | -          | -              | -          | 2              | -          |
| Strawberry         | 0,6                 | 10             | 6,0        | -              | -          | -              | -          | 3              | 1,8        | -              | -          | 13             | 7,8        |
| Bean               | 3,0                 | -              | -          | -              | -          | -              | -          | -              | -          | 40             | 120,0      | 40             | 120,0      |
| Tomato             | 4,2                 | 8              | 33,6       | -              | -          | -              | -          | -              | -          | 20             | 84,0       | 28             | 117,6      |
| Cucumber           | 2,7                 | 6              | 16,2       | -              | -          | 10             | 27,0       | -              | -          | 25             | 67,5       | 41             | 110,7      |
| Pepper             | 3,0                 | 7              | 21,0       | -              | -          | 20             | 60,0       | -              | -          | -              | -          | 27             | 81,0       |
| Total              | -                   | 31             | 76,8       | 2              | -          | 30             | 87,0       | 3              | 1,8        | 85             | 271,5      | 151            | 437,1      |

### 3.9 Impact on Trees

87. Under the Project, 13,758 fruit trees and bushes are affected. Out of these, 12,053 are fruit bushes and 1,705 are fruit trees. The majority of affected fruit bushes and trees are productive (98%)<sup>12</sup>. Only 24 seedlings and 161 not-productive trees are affected.

88. Most of the affected bushes are dewberries and raspberries with 4420 and 7515 bushes respectively. Most of the affected trees are plum, fig, mulberry, cornel and grape. The main impact on fruit trees has been revealed in Odzun, Artchis and Shnogh. In total 93 households are affected by the loss of fruit trees and bushes. The owners will receive full compensation for the affected trees. A summary of information on the affected fruit bushes and trees is presented in the following table B11.

89. 4 AHs (7 APs) are illegally using the private-owned land plots planting fruit trees and crops. According to LARP provisions, the compensation for fruit trees will be paid to owners, while these 4 AHs will be compensated with one year crop from their fruit trees and crops.

90. All trees located on community land plots, which are not used by anyone, has not been included and calculated in this LARP, taking into account the provision of Project's EIA, which envisages trees' replacement within the alignment footprint<sup>13</sup>.

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<sup>12</sup> The separation of trees into "not-yet productive" and "productive" is based on the years needed to the given type of tree to become fully productive. The separation has been done only for impact presentation purposes and hasn't affect the valuation of trees. The valuation is based on the actual age of the given affected tree as defined by LARF (for details see Appendix 2).

<sup>13</sup> Project's EIA, table 16.

Table B11: Impact on Fruit Trees

| Type of tree    | Lot 1              |            |          |                    |            |          |                    |            | Lot 2              |            |                    |            | Lot 3              |            |                    |            |          |                    |            |          | Total              |            |        |  |
|-----------------|--------------------|------------|----------|--------------------|------------|----------|--------------------|------------|--------------------|------------|--------------------|------------|--------------------|------------|--------------------|------------|----------|--------------------|------------|----------|--------------------|------------|--------|--|
|                 | Aygehat            |            | Alaverdi |                    |            | Odzun    |                    |            | Haghpat            |            | Alaverdi           |            | Artchis            |            | Neghots            |            | Shnogh   |                    |            |          |                    |            |        |  |
|                 | Not yet Productive | Productive | Seedling | Not yet Productive | Productive | Seedling | Not yet Productive | Productive | Not yet Productive | Productive | Not yet Productive | Productive | Not yet Productive | Productive | Not yet Productive | Productive | Seedling | Not yet Productive | Productive | Seedling | Not yet Productive | Productive | Total  |  |
|                 | No                 | No         | No       | No                 | No         | No       | No                 | No         | No                 | No         | No                 | No         | No                 | No         | No                 | No         | No       | No                 | No         | No       | No                 | No         | No     |  |
| A. Fruit Bushes |                    |            |          |                    |            |          |                    |            |                    |            |                    |            |                    |            |                    |            |          |                    |            |          |                    |            |        |  |
| Raspberry       | -                  | -          | -        | -                  | 1.515      | -        | -                  | 2.72       | -                  | -          | -                  | 1.67       | -                  | 190        | -                  | -          | -        | -                  | 1.42       | -        | -                  | 7.515      | 7.515  |  |
| Currant         | -                  | -          | -        | -                  | 12         | -        | -                  | 61         | -                  | -          | -                  | 28         | -                  | -          | -                  | -          | -        | -                  | 3          | -        | -                  | 104        | 104    |  |
| Rosehip         | -                  | 2          | -        | -                  | 1          | -        | -                  | 6          | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -        | -                  | -          | -        | -                  | 9          | 9      |  |
| Dewberry        | -                  | -          | -        | -                  | 60         | -        | -                  | 785        | -                  | 560        | -                  | 315        | -                  | 1.7        | -                  | -          | -        | -                  | 1          | -        | -                  | 4.42       | 4.42   |  |
| Barberry        | -                  | 1          | -        | -                  | -          | -        | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -        | -                  | -          | -        | -                  | 1          | 1      |  |
| Sea buckthorn   | -                  | -          | -        | -                  | -          | -        | -                  | -          | -                  | -          | 1                  | -          | -                  | -          | -                  | -          | -        | -                  | -          | -        | 1                  | -          | 1      |  |
| Hawthorn        | -                  | 2          | -        | -                  | -          | -        | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -        | -                  | 1          | -        | -                  | 3          | 3      |  |
| Subtotal A      | -                  | 5          | -        | -                  | 1.588      | -        | -                  | 3.572      | -                  | 560        | 1                  | 2.013      | -                  | 1.89       | -                  | -          | -        | -                  | 2.424      | -        | 1                  | 12.052     | 12.053 |  |
| B. Fruit Trees  |                    |            |          |                    |            |          |                    |            |                    |            |                    |            |                    |            |                    |            |          |                    |            |          |                    |            |        |  |
| Cherry          | -                  | -          | 4        | 2                  | 1          | -        | -                  | 3          | -                  | 30         | -                  | 3          | -                  | -          | -                  | -          | -        | -                  | 2          | 4        | 2                  | 39         | 45     |  |
| Guelder-rose    | -                  | 18         | -        | -                  | 4          | -        | -                  | 22         | -                  | 14         | -                  | -          | -                  | -          | -                  | 1          | -        | -                  | -          | -        | -                  | 59         | 59     |  |
| Peach           | -                  |            | -        | 1                  | 9          | -        | -                  | 3          | -                  | -          | -                  | 20         | -                  | 3          |                    | 2          | -        | -                  | 13         | -        | 1                  | 50         | 51     |  |
| Olive           | -                  | -          | -        | -                  | -          | -        | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -        | 1                  | -          | -        | 1                  | -          | 1      |  |
| Medlar          | -                  | -          | -        | -                  | -          | -        | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -        | -                  | 1          | -        | -                  | 1          | 1      |  |
| Walnut          | 2                  | 36         | -        | 1                  | 11         | -        | 8                  | 68         | -                  | -          | 1                  | 4          | -                  | -          | -                  | -          | -        | 3                  | 15         | -        | 15                 | 134        | 149    |  |
| Fig             | -                  | 1          | -        | 2                  | 22         | -        | 3                  | 13         | -                  | 9          | -                  | 14         | 2                  | 78         |                    | 4          | -        | 6                  | 132        | -        | 13                 | 273        | 286    |  |
| Mulberry        | -                  | 15         | -        |                    | 17         | -        | 5                  | 23         | 1                  | 2          | 3                  | 14         | -                  | 5          | 1                  | 6          | -        | 5                  | 27         | -        | 15                 | 109        | 124    |  |
| Grapes          | -                  | 2          | -        | 3                  | 5          | -        |                    | 46         | -                  | 10         | -                  | 2          | -                  | 19         | -                  | 5          | -        | -                  | 23         | -        | 3                  | 112        | 115    |  |
| Apple           | -                  | 2          | -        | 1                  | 1          | -        | 3                  | 6          | -                  | -          | 3                  | 6          | -                  | -          | -                  | -          | -        | -                  | 5          | -        | 7                  | 20         | 27     |  |
| Date            | -                  | 6          | -        | -                  | -          | -        | 4                  | 11         | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -        | 1                  | 6          | -        | 5                  | 23         | 28     |  |
| Apricot         | -                  | 1          | 8        | 2                  | 8          | 2        | 3                  | 28         | -                  | 2          | 2                  | 4          | -                  | 1          | -                  | -          | -        | -                  | 6          | 10       | 7                  | 50         | 67     |  |
| Persimmon       | -                  | -          | -        | -                  | 9          | -        | 1                  | 6          | -                  | -          | -                  | -          | -                  | -          | -                  | 1          | -        | 2                  | 5          | -        | 3                  | 21         | 24     |  |
| Sweet cherry    | -                  | -          | -        | -                  | -          | -        | -                  | 1          | -                  | -          | -                  | 2          | -                  | -          | -                  | -          | -        | 3                  | 3          | -        | 3                  | 6          | 9      |  |
| Cornel          | -                  | 10         |          | 20                 | 14         | -        | 2                  | 57         | -                  | -          | -                  | 12         | -                  | 3          | -                  | 1          | -        | -                  | 15         | -        | 22                 | 112        | 134    |  |
| Buckthorn       | -                  | -          | -        | -                  | 9          | -        | -                  | 73         | -                  | 4          | -                  | -          | -                  | -          | -                  | 1          | -        | -                  | 5          | -        | -                  | 92         | 92     |  |
| Almond          | -                  | -          | -        | -                  | -          | -        | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -        | -                  | 1          | -        | -                  | 1          | 1      |  |
| Pomegranate     | -                  | -          | -        | -                  | -          | -        | -                  | 3          | -                  | -          | 1                  | -          | -                  | 6          | -                  | -          | -        | -                  | 17         | -        | 1                  | 26         | 27     |  |
| Plum (Shlor)    | -                  | -          | -        | -                  | 1          | -        | -                  | 2          | -                  | -          | -                  | 1          | -                  | 1          | -                  | -          | 10       | -                  | 2          | 10       | -                  | 7          | 17     |  |
| Plum            | -                  | 16         | -        | -                  | 43         | -        | 6                  | 58         | -                  | 25         | 21                 | 53         | -                  | 5          | -                  | 28         | -        | 1                  | 10         | -        | 28                 | 238        | 266    |  |
| Quince          | -                  | 12         | -        | -                  | 7          | -        | 14                 | 47         | -                  | 2          | 5                  | 6          | -                  | -          | -                  | -          | -        | 3                  | 1          | -        | 22                 | 75         | 97     |  |
| Pear            | -                  | -          | -        | -                  | 1          | -        | 1                  | 6          | -                  | -          | 3                  | 3          | -                  | -          | -                  | -          | -        | -                  | -          | -        | 4                  | 10         | 14     |  |
| Hazelnut        | -                  | 1          | -        | -                  | 2          | -        | -                  | 34         | -                  | -          | 4                  | 3          | -                  | 3          | -                  | -          | -        | 4                  | 16         | -        | 8                  | 59         | 67     |  |
| Oleaster        | -                  | -          | -        | -                  | 4          | -        | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -                  | -          | -        | -                  | -          | -        | -                  | 4          | 4      |  |
| Subtotal B      | 2                  | 120        | 12       | 32                 | 168        | 2        | 50                 | 510        | 1                  | 98         | 43                 | 147        | 2                  | 124        | 1                  | 49         | 10       | 29                 | 305        | 24       | 160                | 1.521      | 1.705  |  |
| Total           | 2                  | 125        | 12       | 32                 | 1.756      | 2        | 50                 | 4.082      | 1                  | 658        | 44                 | 2.16       | 2                  | 2.014      | 1                  | 49         | 10       | 29                 | 2.729      | 24       | 161                | 13.573     | 13.758 |  |



91. Only 40 wood trees are affected by the Project out of which 14 have been identified in Odzun. The most affected wood trees are ash trees, acacia and maple: 18, 8 and 8 respectively. Of all affected trees, more than a half (52.5%) are small trees. 10 households have been affected by loss of wood trees.

**Table B12: Impact on Wood Trees**

| Type      | Lot 1          |                         |                     |                |                |                         | Lot 2                   |                     |                |                         |                     | Lot 3                   | Total          |                         |                     |             |
|-----------|----------------|-------------------------|---------------------|----------------|----------------|-------------------------|-------------------------|---------------------|----------------|-------------------------|---------------------|-------------------------|----------------|-------------------------|---------------------|-------------|
|           | Aygehat        |                         |                     | Alaverdi       | Odzun          |                         | Haghpat                 |                     | Alaverdi       |                         |                     | Shnogh                  |                |                         |                     |             |
|           | Small (0-13cm) | Medium growth (13-22cm) | Full growth (22cm+) | Small (0-13cm) | Small (0-13cm) | Medium growth (13-22cm) | Medium growth (13-22cm) | Full growth (22cm+) | Small (0-13cm) | Medium growth (13-22cm) | Full growth (22cm+) | Medium growth (13-22cm) | Small (0-13cm) | Medium growth (13-22cm) | Full growth (22cm+) | Grand Total |
|           | No             | No                      | No                  | No             | No             | No                      | No                      | No                  | No             | No                      | No                  | No                      | No             | No                      | No                  | No          |
| Acacia    | -              | -                       | -                   | -              | -              | -                       | -                       | -                   | 5              | 1                       | 2                   | -                       | 5              | 1                       | 2                   | 8           |
| Ailanthus | -              | -                       | -                   | -              | -              | -                       | -                       | -                   | -              | -                       | 1                   | -                       | -              | -                       | 1                   | 1           |
| Poplar    | -              | -                       | -                   | -              | -              | -                       | 1                       | 1                   | -              | -                       | -                   | -                       | -              | 1                       | 1                   | 2           |
| Maple     | 1              | 1                       | 1                   | -              | 1              | -                       | -                       | 4                   | -              | -                       | -                   | -                       | 2              | 1                       | 5                   | 8           |
| Oak       | -              | -                       | -                   | -              | 1              | 1                       | -                       | -                   | -              | -                       | -                   | 1                       | 1              | 2                       | -                   | 3           |
| Ash Tree  | -              | 5                       | -                   | 1              | 12             | -                       | -                       | -                   | -              | -                       | -                   | -                       | 13             | 5                       | -                   | 18          |
| Total     | 1              | 6                       | 1                   | 1              | 14             | 1                       | 1                       | 5                   | 5              | 1                       | 3                   | 1                       | 21             | 10                      | 9                   | 40          |

92. 141 decorative trees and bushes are affected also, out of which, 134 decorative bushes and only 7 are decorative trees. As shown in the following table B13, rose nobale, lilac are most impacted types of bushes. The most affected communities by loss of bushes are the Aygehat, Artchis and Alaverdi. All of the affected decorative trees and bushes belong to 23 households.

**Table B13: Impact on Decorative Trees and Bushes**

| Type                        | Lot 1     |          |          |           |           |           | Lot 2    |          |          |           | Lot 3     |          | Total    |           |            |             |
|-----------------------------|-----------|----------|----------|-----------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|----------|-----------|------------|-------------|
|                             | Aygehat   | Alaverdi |          |           | Odzun     |           | Haghpat  | Alaverdi |          |           | Artchis   | Shnogh   |          |           |            |             |
|                             | Large     | Small    | Medium   | Large     | Medium    | Large     | Large    | Small    | Medium   | Large     | Large     | Medium   | Small    | Medium    | Large      | Grand total |
|                             | No        | No       | No       | No        | No        | No        | No       | No       | No       | No        | No        | No       | No       | No        | No         | No          |
| <b>A. Decorative Bushes</b> |           |          |          |           |           |           |          |          |          |           |           |          |          |           |            |             |
| Rose Noble                  | -         | 4        | 8        | 16        | 17        | -         | -        | -        | -        | -         | 29        | 2        | 4        | 27        | 45         | 76          |
| Lilac                       | 19        | -        | -        | 1         | -         | 3         | -        | -        | -        | 6         | -         | -        | -        | -         | 29         | 29          |
| Thuja compacta              | -         | -        | -        | -         | -         | -         | -        | 1        | -        | 2         | -         | -        | 1        | -         | 2          | 3           |
| Elderberry (sambucus)       | 11        | -        | -        | 1         | -         | -         | -        | -        | -        | -         | -         | -        | -        | -         | 12         | 12          |
| Cornus                      | -         | -        | -        | -         | -         | 10        | 2        | -        | -        | -         | -         | -        | -        | -         | 12         | 12          |
| Tecoma                      | -         | -        | -        | -         | -         | -         | -        | -        | -        | 1         | -         | -        | -        | -         | 1          | 1           |
| Box (tree)                  | -         | -        | -        | -         | -         | -         | -        | -        | 1        | -         | -         | -        | -        | 1         | -          | 1           |
| <b>Subtotal A</b>           | <b>30</b> | <b>4</b> | <b>8</b> | <b>18</b> | <b>17</b> | <b>13</b> | <b>2</b> | <b>1</b> | <b>1</b> | <b>9</b>  | <b>29</b> | <b>2</b> | <b>5</b> | <b>28</b> | <b>101</b> | <b>134</b>  |
| <b>B. Decorative Trees</b>  |           |          |          |           |           |           |          |          |          |           |           |          |          |           |            |             |
| Thuja                       | -         | -        | -        | 1         | -         | 1         | -        | -        | 1        | -         | -         | -        | -        | 1         | 2          | 3           |
| Cypress                     | -         | -        | -        | -         | -         | -         | -        | -        | 1        | 1         | -         | -        | -        | 1         | 1          | 2           |
| Pine                        | -         | -        | -        | 1         | -         | -         | -        | -        | 1        | -         | -         | -        | -        | 1         | 1          | 2           |
| <b>Subtotal B</b>           | <b>-</b>  | <b>-</b> | <b>-</b> | <b>2</b>  | <b>-</b>  | <b>1</b>  | <b>-</b> | <b>-</b> | <b>3</b> | <b>1</b>  | <b>-</b>  | <b>-</b> | <b>-</b> | <b>3</b>  | <b>4</b>   | <b>7</b>    |
| <b>Total</b>                | <b>30</b> | <b>4</b> | <b>8</b> | <b>20</b> | <b>17</b> | <b>14</b> | <b>2</b> | <b>1</b> | <b>4</b> | <b>10</b> | <b>29</b> | <b>2</b> | <b>5</b> | <b>31</b> | <b>105</b> |             |

### 3.10 Impact on Businesses and Income

93. Only 1 business is permanently affected by the project. The affected business is a small grocery store located in Alaverdi city near the Sanahin Railway station. It is located on two land plots, of which one is private-owned land and the other is community land (see table B14). The business owner is leasing the building for her business operation without lease contract. The business owner (women) hasn't provided any documents on her business, thus it was not possible to obtain any official data on the status of her business (name, status (Individual Enterpreniarship or LLC), tax declaration etc.), however she verbally informed that the business is registered (legal), therefore it was considered as a business with tax declaration. The owner of business is not a member of vulnerable AH. The clear details on business legal status are subject for additional verification during the LARP implementation.

**Table B14: Business Losses**

| No | Type of business                                    | Employees | With tax declaration | Affected Land |                |                               |              | Affected Structure |                | Affected Fence |                              | Affected Improvements |           |                                       | Affected Households |                  |
|----|---|-----------|----------------------|---------------|----------------|-------------------------------|--------------|--------------------|----------------|----------------|------------------------------|-----------------------|-----------|---------------------------------------|---------------------|------------------|
|    |   | No        |                      | Type of owner | Usage Status   | Affected Area, m <sup>2</sup> | Type of Land | Name               | m <sup>2</sup> | Material       | Affected area/m <sup>2</sup> | Name                  | Material  | Area, m <sup>2</sup> , m <sup>3</sup> | No of AHs           | No of AH members |
| 1  | Grocery (Permanently Affected With Tax Declaration) | 0         | 1                    | Private       | Owned          | 14                            | Commercial   | Shop               | 11,36          | -              | -                            | -                     | -         | -                                     | 2                   | 6                |
|    |   |           |                      | Community     | Illegally used | 488,7                         | Other land   | Shed               | 3              | Stone          | 8,91                         | Fencing               | Wire mesh | 6                                     |                     |                  |
|    |   |           |                      |               |                |                               |              |                    |                |                |                              | Area                  | Concrete  | 18                                    |                     |                  |

94. There are no employment loss, as the only affected permanent business is operating directly by the owner and has no hired/registered workers affected.

### 3.11 Impact on Common Property Resources/Public Utilities

#### Common property

95. In all, the project will affect 2 common properties (toilets) on one community-owned land plot in Alaverdi city located near the multi-dwelling building to be acquired and relocated under the Project. The toilets are illegal not registered structures. There are no any data on those properties provided by cadaster. Meantime, the residents of multi-dwelling building informed that the toilets are used by them on a common basis. As per the LARP, the public utilities affected by the project will be replaced/reconstructed under the project. However, taking into account that the multi-dwelling building will be acquired and relocated under the Project, it is assumed that there is no need for the reconstruction of those toilets. However, during the Project execution, additional consultation will be carried out with the residents of near located not affected multi-dwelling building to ensure that there is no need for reconstruction of those toilets. In case, if the necessity of reconstruction of the toilets will arise, it will be included in the scope of Contractor's works or other mechanism of reconstruction will be applied based on MTCIT's decision.

#### Public Utilities

96. All public utilities will be relocated or will be restored under the Project, ensuring their working conditions that they had before the Project implementation. The road design consultant has also designed the relocation/restoration of the public utilities. The relocation of all public utilities will be implemented by the same civil works' Contractors.

97. The due diligence has already been carried out for the utility relocation in order to identify LAR impacts caused by that process. As a result, no LAR impacts have been identified which is related to the fact that the relocation of utilities are designed to be relocated within the RoW. However, if during the relocation activities any unanticipated impacts will be emerged, they will be inventoried and compensation will be calculated in accordance with the principles and entitlement matrix defined by this LARP.

98. Meantime, in several cases APs informed that there are pipes under the affected land plots, which are not registered and can be damages during the construction. For these cases, the following procedure will be applied in case of utilities which are not currently invisible, but can be damaged during the construction:

- (i) The impact will be assessed and protocolled by the Contractor and signed with APs with involvement of representative of Supervision Consultant.
- (ii) In case, if the AP presents the evidence that the utility is owned or has been developed by him by the relevant authority, the compensation to AP will be assessed in accordance with the entitlements set in the LARP and valuation methodology defined by this LARP or it can be included in the Contractor's scope and relocated accordingly by AP's prior agreement. In case if the identified utility is not proved to be owned or developed by AP and actually a public utility, then the relocation of that utility will also be included in the Contractor's scope and relocated accordingly.
- (iii) The AP will be properly informed about this actions by the Contractor with provision of copies to the TPIO and the Supervision Consultant .
- (iv) A compensation agreement will be signed with the AP. All actions carried out will be reported to the TPIO and Supervision Consultant, providing a copy of the signed protocol and agreement.

### 3.12 Severely Affected Households

99. According to the define entitlement matrix and eligibilities under the Project, the allowances for Project severe impacts are given to the following AHs:

- (i) Allowance is given for the Project severe impacts to those AHs (including the AHs as leaseholders and actual land users) in case 10% and more of their owned and/or cultivated agriculture land is affected and they receive benefits such as fruits, yield and crops by the result of land-use<sup>14</sup>.
- (ii) AHs to be relocated (including the relocated leaseholders) will receive rehabilitation allowance for severe impacts equal to monthly minimum salary for 6 months.

100. In order to assess the severity of impacts as defined by clause (1) above, taking into account the limitations of the DMS/inventory survey, the special methodological approach has been developed and applied as described in chapter B, clause 2.2.

101. A total of 64 AHs will be compensated as severely affected AHs, out of which 60 AHs will lose 10% or more of their agricultural income from the productive land plots and 6 AHs will face relocation. It should be noted that 2 AHs to be relocated will also lose 10% or more agricultural land from their affected land plots. Out of total, 13 AHs have been considered as severely affected conditionally due to lack of data on their totally holding productive land, therefore the severity impact for these 13 AHs is subject for verification during the LARP implementation before the compensation payment (see the detailed methodology in chapter B, section 2.2). Regardless of APs' legal status, each AHs losing 10%, or more agricultural income will receive additional crop compensation covering 1 year's yield for severe agricultural income losses. The AHs to be relocated will receive a rehabilitation allowance amounting to six minimum monthly salaries.

**Table B15: Severity of Impact**

| No  | Degree of Impact                                | AHs        | APs        |
|---|---|------------|------------|
|   |   | No         | No         |
| 1   | AHs losing more than 10% of agricultural income | 60         | 194        |
| 2   | AHs to be relocated                             | 6          | 25         |
| <b>Total (without double counting)*</b>   |   | <b>64*</b> | <b>211</b> |
| *2AHs are both residential relocatees and losing 10% agricultural income as well. |   |            |            |

### 3.13 Vulnerable Affected Households

102. The vulnerable AHs identified, as vulnerable poor households registered in the evaluation system of vulnerability of families (ESVF) are 8.<sup>15</sup> Furthermore, there are 15 female-headed households, 14 households headed by the elderly. No AH is headed by disabled persons. Given that some households qualify due to having multiple vulnerability characteristics, the total number of vulnerable households is 28, of which 57.1% of AHs are in Alaverdi.

<sup>14</sup> The basis for calculating the above mentioned allowance is the actual usage purpose of these lands, regardless of the usage purpose (significance) of the land defined in the cadastral data, certificates of ownership rights and other documents confirming the property right. If the non-agricultural land is impacted 10 % and more but is used as agricultural and actually there are crops, yield on the land, then the latter is subject to compensation in accordance with the above mentioned principles without the provision of legalization requirement.

<sup>15</sup> The main state social allowance program in Armenia operating since 1999.

Table B16: Vulnerable AHs

| Community  | Poor AHs |           | Woman headed AHs |           | Elderly headed AHs |           | Disabled headed AHs |          | Total AHs without double counting |           |
|--|----------|-----------|------------------|-----------|--------------------|-----------|---------------------|----------|-----------------------------------|-----------|
|  | AHs      | APs       | AHs              | APs       | AHs                | APs       | AHs                 | APs      | AHs                               | APs       |
|  | No       | No        | No               | No        | No                 | No        | No                  | No       | No                                | No        |
| Alaverdi*  | 5        | 15        | 9                | 16        | 10                 | 14        | -                   | -        | 16                                | 33        |
| Odzun**  | 1        | 3         | 5                | 8         | 2                  | 2         | -                   | -        | 7                                 | 12        |
| Haghpatt   | -        | -         | 1                | 2         | -                  | -         | -                   | -        | 1                                 | 2         |
| Artchis  | 1        | 5         | -                | -         | -                  | -         | -                   | -        | 1                                 | 5         |
| Neghots  | 1        | 6         | -                | -         | 1                  | 2         | -                   | -        | 2                                 | 8         |
| Shnogh   | -        | -         | -                | -         | 1                  | 2         | -                   | -        | 1                                 | 2         |
| <b>Total</b>   | <b>8</b> | <b>29</b> | <b>15</b>        | <b>26</b> | <b>14</b>          | <b>20</b> | <b>-</b>            | <b>-</b> | <b>28</b>                         | <b>62</b> |
| <p><i>*Alaverdi: 2 AHs are poor, woman and elderly headed, 1 AH is both poor and woman headed, 3 AHs are both women and elderly headed.</i></p> <p><i>**Odzun: 1 AH is both women and elderly headed</i></p> |          |           |                  |           |                    |           |                     |          |                                   |           |

### 3.14 Summary of Affected Households and Affected Persons

103. The LARP identified 172 affected households with a total of 492 members, of which 107 AHs could be covered by Census/SES survey. 6 households are residential relocates as their main buildings will be demolished. Information on different categories of affected households (AHs) and affected persons (APs) by impact type, as well as net figures, without double counting, are provided in the summary of AHs/APs presented at the end of this section. In total, the Project has impacted the land plots of 168 AHs (without double counting), fences of 52 AH, improvements of 76 AHs, crops of 7 AHs, trees of 326 AHs, residential structures of 27 and non-residential structures of 22 AHs. Project also impacts 1 business AH. There are identified 28 vulnerable AHs and 60 severely affected AHs.

Table B17: Summary of Affected Households/ Persons by Category of Impact

| Impact Category     | Impact Type             | AH Per Type of Impact | AP Per Type of Impact | AH without Double Counting | Absolute number of APs | Remarks   |
|---------------------|-------------------------|-----------------------|-----------------------|----------------------------|------------------------|---|
|                     | Affected unit No /m/ m2 | No.                   | No.                   | No.                        | No.                    |   |
| A. Land             |                         |                       |                       |                            |                        |   |
| A1. Private Land    | 15.739,30               | 91                    | 266                   | 91                         | 266                    | -   |
| A2. Leased land     | 5,00                    | 1                     | 1                     | 1                          | 1                      | -   |
| A3. Community Land  | 177.192,80              | 86                    | 274                   | 68                         | 199                    | 18 AHsare included in A1                        |
| A4. Government Land | 332.946,34              | 11                    | 29                    | 8                          | 16                     | 1 AH is included in A1, 2 AHsare included in A3 |
| A5. Non identified  | 135,10                  | -                     | -                     | -                          | -                      | -   |
| Subtotal A          | 526.018,54              | -                     | -                     | 168                        | 482                    | -   |
| B. Structures       |                         |                       |                       |                            |                        |   |

| Impact Category              | Impact Type             | AH Per Type of Impact | AP Per Type of Impact | AH without Double Counting | Absolute number of APs | Remarks  |
|------------------------------|-------------------------|-----------------------|-----------------------|----------------------------|------------------------|--|
|                              | Affected unit No /m/ m2 | No.                   | No.                   | No.                        | No.                    |  |
| B1. Residential              | 715,67                  | 27                    | 74                    | -                          | -                      | 15 AHs are included in A1, 12 AHs are included in A3                           |
| B1. Non-Residential          | 316,4                   | 22                    | 76                    | -                          | -                      | 5 AHs are included in A1, 16 AHs are included in A3, 1 AH is included in A4    |
| <b>Subtotal B</b>            | <b>1.032,07</b>         | -                     | -                     | -                          | -                      | -  |
| <b>C. Movable structures</b> |                         |                       |                       |                            |                        |  |
| C1. Movable structures       | 118,30                  | 6                     | 15                    | -                          | -                      | 5 AHs are included in A3, 1 AH is included in A4                               |
| <b>Subtotal C</b>            | <b>118,30</b>           | -                     | -                     | -                          | -                      | -  |
| <b>D. Fence</b>              |                         |                       |                       |                            |                        |  |
| D1. Fence                    | 2.398,24                | 52                    | 201                   | -                          | -                      | 27 AHs are included in A1, 25 AHs are included in A3                           |
| <b>Subtotal D</b>            | <b>2.398,24</b>         | -                     | -                     | -                          | -                      | -  |
| <b>E. Improvements</b>       |                         |                       |                       |                            |                        |  |
| E1. Improvements (m2)        | 238,60                  | 76                    | 280                   | -                          | -                      | 33 AHs are included in A1, 38 AHs are included in A3, 5 AHs are included in A4 |
| E2. Improvements (l.m.)      | 3.562,60                |                       |                       |                            |                        |  |
| E3. Improvements (no)        | 38,00                   |                       |                       |                            |                        |  |
| <b>Subtotal E</b>            | -                       | -                     | -                     | -                          | -                      | -  |
| <b>F. Trees</b>              |                         |                       |                       |                            |                        |  |
| F1. Fruit trees              | 13.573,00               | 93                    | 320                   | -                          | -                      | All AHs are included in A1, A3 and A4  |
| F2. Wood trees               | 40,00                   | 10                    | 34                    | -                          | -                      |  |
| F3. Decorative trees         | 141,00                  | 23                    | 76                    | -                          | -                      |  |
| <b>Subtotal F</b>            | <b>13.754,00</b>        | -                     | -                     | -                          | -                      | -  |
| <b>G. Crops</b>              |                         |                       |                       |                            |                        |  |
| G1. Crops                    | 151,00                  | 7                     | 31                    | -                          | -                      | 4 AHs are included in A1, 3 AHs are included in A3                             |
| <b>Subtotal G</b>            | <b>151,00</b>           | -                     | -                     | -                          | -                      | -  |
| <b>H. Business loss</b>      |                         |                       |                       |                            |                        |  |
| H1. With tax declaration     | 1                       | 2                     | 6                     | 1                          | 5                      | 1 AH is included in A1   |
| <b>Subtotal H</b>            | <b>1</b>                | <b>2</b>              | <b>6</b>              | <b>1</b>                   | <b>5</b>               | -  |
| <b>I. Vulnerable</b>         |                         |                       |                       |                            |                        |  |
| I1. Vulnerable AH            | -                       | 28                    | 62                    | 3                          | 5                      | 10 AHs are included in A1, 14 AHs are included in A3, 1 AH is included in A4   |
| <b>Subtotal I</b>            | -                       | -                     | -                     | <b>3</b>                   | <b>5</b>               | -  |
| <b>J. Relocation impact</b>  |                         |                       |                       |                            |                        |  |
| J1. Residential relocatee    | -                       | 6                     | 25                    | -                          | -                      | All AHs are included in A1   |

| Impact Category                     | Impact Type             | AH Per Type of Impact | AP Per Type of Impact | AH without Double Counting | Absolute number of APs | Remarks  |
|-------------------------------------|-------------------------|-----------------------|-----------------------|----------------------------|------------------------|--|
|                                     | Affected unit No /m/ m2 | No.                   | No.                   | No.                        | No.                    |  |
| J2. 10% loss of agricultural income |                         | 60                    | 194                   | -                          | -                      | 19 AHs are included in A1, 35 AHs are included in A3, 6 AH is included in A4 |
| J3. Non land improvement            |                         | 4                     | 7                     |                            |                        | 1 AH is included in A3, 3 AHs are included in I1                             |
| <b>Subtotal J</b>                   | -                       | -                     | -                     | -                          | -                      | -  |
| <b>Total</b>                        | -                       | -                     | -                     | <b>172</b>                 | <b>492</b>             | -  |



## **C. ASSESSMENT OF POSSIBLE IMPACTS DUE TO VIBRATION**

### **1. General**

104. The implementation of vibration modeling has been required by ADB to ensure the comprehensive detailed impact assessment of the properties along the project road.<sup>16</sup> In this regard, ADB has proposed its specialized technical assistance to the MTCIT for conducting studies and surveys to assist MTCIT in meeting the SPS standards for vibration, and to recommend and assess the cost of the best available mitigation measures needed to meet the standards. Based on the above studies, the specialists will propose various mitigation scenarios that would ensure that the ADB's SPS standards on vibration, as well as Armenian National Standards for Vibration are met for the project area providing also the cost for all mitigation scenarios. In case, if the further vibration survey confirms the sensitivity of those properties to vibration due to construction activities, and relevant mitigation measures cannot be carried out, they are subject to acquisition and compensation based on provisions of this LARP and principles of SPS.

105. The specialized Consultant for implementation of vibration modeling will be hired by ADB based on the ToR developed by ADB and agreed with MTCIT. The Consultant for implementation of vibration modeling will define the sensitive locations for the modeling based on relevant norms and regulations.

106. This chapter is intended to present the description, volume and estimation of the possible impacts to residential buildings located near the M6 road out of the Project's defined RoW, in case of the worst scenario if the vibration survey confirms the sensitivity of those properties to vibration due to construction activities.

107. It is planned that the vibration survey on the sensitive locations along the road will be implemented during the LARP implementation stage prior the start of civil works with involvement of relevant qualified specialists and equipment. Taking into account, that the possible sensitive properties are located out of the RoW, it was not possible to exactly identify all those sensitive properties and assess them in this LARP, therefore only preliminary assessment has been carried out to estimate the provisional impact and budget for such cases.

### **2. Impact Assessment and Valuation Approaches**

108. Given the fact, that the clear indicators of sensitivity and definition of vibration survey zone shall be defined by the qualified specialists, for the preliminary identification of sensitive locations the following principle has been applied:

- (i) The sensitive locations has been preliminary assessed based on the relief of the location (sloping, distance from the new road) and types of construction activities envisaged by design on that particular location such as blasting, compaction by rollers etc<sup>17</sup>. Only residential buildings located in the sensitive locations has been identified by cadastral map/data, by analysis of google maps, drone videos, as well as field visits.
- (ii) The types of surfaces of land plots and residential buildings involved has been determined as follows: (i) for the properties which are located on the affected land plots, but not in the RoW, the surface has been determined based on cadastral data, ownership certificates or actual measurement in case of not registered properties), and (ii) based on data from cadastral map (where available), google earth photos and drone videos (where possible) in

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<sup>16</sup> The ADB's requirement and peculiarities on vibration modelling have been discussed during the ADB's Mission on 14 November, 2017 and defined in Aid Memoire of the Mission.

<sup>17</sup> The preliminary list of sensitive locations (properties) has been discussed and agreed with the specialist of TPIO and ADB beforehand during the working meeting on November 18, 2017.

case of structures located on the land plots out of RoW,

- (iii) The number and types of other improvements, such as trees, crops, fences etc. haven't been identified in this stage,
- (iv) The number of involved land plots and residential buildings has been taken as a basis to extrapolation of the possible number of AHs/APs,
- (v) The status on usage of involved properties (habited/not habited) could be preliminary assessed based on available data from communities, google maps and drone videos, where possible,
- (vi) The cost estimation of residential structures involved has been made based on the average replacement cost determined for the affected structures under this LARP (the replacement cost has been estimated without adding 15%) multiplying with the surface of the building.

109. Upon the implementation of vibration survey, for the properties which will be considered as potentially risky for construction activities without alternative mitigation measures and subject to permanent acquisition, the final impacts assessment shall be carried out for that properties based on its results, particularly:

- Development of final list of affected properties by SSSC and vibration survey team,
- Update the GoA decree on Eminent Domain to add the affected properties subject to further alienation,
- DMS of the involved properties (land plots and structures), demarcation of the land parts that is subject to alienation,
- Description and inventory of land plots and improvements (crops, trees, etc.) in the presence of land owners/users or community authorities
- Conduct of census and SES with a 100% of the affected households.
- Additionally, all necessary documents will be collected to complete the profiles of the APs.
- Valuation of compensation for affected assets and calculation of applicable allowances based on the rates and provision of this LARP,
- Alienation of the properties and payment of compensation following the same procedures as for other impacts included in this LARP.

### **3. Preliminary Impact Assessment and provisional budget**

110. All preliminary identified sensitive residential buildings involve 28 land plots and properties (residential houses), out of which 16 are located on land plots affected by the Project and subject for acquisition, while 12 land plots and sensitive houses are out of the RoW.

111. The summary of involved sensitive houses per occupancy status, and per communities, as well as the estimated budget is presented below in table C1 and the detailed breakdown of compensation per types and communities is attached in Appendix 11.

112. In general 28 structures covering 4359 m<sup>2</sup> surfaces are involved, out of which 5 has been considered as uninhabited, while 23 are considered as inhabited. Most of the involved properties are located in Alaverdi city (80%) which is expected due to the fact that Alaverdi is mostly inhabited area along the road. The total estimated budget (average replacement cost) for 28 houses amount to **845,646,000 AMD**.

**Table C1: Summary of Involved Potencial Impact and Budget**

| <b>N</b> | <b>Community</b> | <b>Sensitive properties</b> | <b>Area</b> | <b>Uninhabited</b> | <b>Inhabited</b> | <b>Estimated average replacement cost</b> |
|----------|------------------|-----------------------------|-------------|--------------------|------------------|---|
|          |                  | <b>No</b>                   | <b>m²</b>   | <b>No</b>          | <b>No</b>        | <b>AMD</b>                                |
| 1        | Alaverdi         | 22                          | 3494        | 3                  | 19               | 677,836,000                               |
| 2        | Aygehat          | 1                           | 75          | 0                  | 1                | 14,550,000                                |
| 3        | Haghpat          | 1                           | 80          | 1                  | 0                | 15,520,000                                |
| 4        | Odzun            | 4                           | 710         | 1                  | 3                | 137,740,000                               |
|          | <b>Total</b>     | <b>28</b>                   | <b>4359</b> | <b>5</b>           | <b>23</b>        | <b>845,646,000</b>                        |

113. The civil works will not be started in those sensitive sections until the vibration survey is implemented and relevant mitigation measures are in place (alination of the affected properties and compensation paid, or other measures proposed). The implementation of these corrective measures/actions during the implementation (if any) shall be properly monitored and reported by External Monitoring Completion Reports.

## D. SOCIO-ECONOMIC PROFILE OF AFFECTED HOUSEHOLDS

### 1. Introduction

114. The main objective of the Socio-Economic Survey (SES) is to provide a description of the key socio-economic features of the affected population and communities, such as education levels, modes of livelihood, sources of income, poverty/income levels, asset ownership as well as access to services, which information can be used as benchmarks for the LARP implementation evaluation (if needed) as well as to evaluate if ADB's Safeguards Policy requirements have been fulfilled. This will increase the understanding of potential impacts of land loss on affected households and identify options for rehabilitation.

115. The socio-economic profile of the affected people is based on the socio-economic survey of households conducted in October 2017 during the final LARP preparation. The total number of households affected by the ADB-financed section of the project is 172. Out of the 172 affected households, only 107 households (62.2%) could be covered in the SES as the remaining 65 households couldn't be covered by SES due to following reasons: 6-unreachable, 19-no contact information, 28-not identified, 4-refusal, 7 are living abroad and 1 household was not surveyed as the owner is dead and heirs are not identified. Due to small quantities of affected households SES has been conducted with all AHs without applying the sample. The Census and SES data presented in this section of the report is with reference to the 107 surveyed households and 426 APs. The community wise households surveyed for Census and SES is provided in the Table D1. The questionnaire used for Census and SES is presented in as Appendix 3.

**Table D1: AHs and APs covered in Census and SES by community**

| Community Name  | Total No. of AHs | Total number of census and SES AHs | Total number of census and SES APs |
|---|------------------|------------------------------------|------------------------------------|
| Aygehat   | 9                | 5                                  | 27                                 |
| Artchis   | 4                | 3                                  | 15                                 |
| Haghpat   | 21               | 9                                  | 43                                 |
| Neghots   | 9                | 6                                  | 28                                 |
| Shnogh  | 22               | 17                                 | 71                                 |
| Alaverdi  | 63               | 46                                 | 169                                |
| Odzun   | 43               | 21                                 | 73                                 |
| Tumanyan  | 1                | 0                                  | 0                                  |
| <b>Total</b>  | <b>172</b>       | <b>107</b>                         | <b>426</b>                         |
| * 1AH has the land plots both in Alaverdi and Odzun. This AH has been grouped in the community which is primary place of residence, in this case in Alaverdi. |                  |                                    |                                    |

### 2. Affected Population and Family Size

116. Census has identified 107 households with 426 affected persons. It includes 215 (50.47%) males and 211 (49.53%) females (Table D3). The heads of households profile shows that only 32 (29.91%) of the heads of households are females in comparison with 75 (70.09%) males household heads, while from household members 179 (56.11%) are females and 140 (43.89%) are males (Table D3). The average household size is 3.98 persons. As per census 2011, the average household size in Armenia is about 3.85 persons. The size of surveyed AHs approximately is in line

with the average rural Armenia household size.

**Table D2: Gender Profile of Affected Persons**

| Gender       | No         | % of the total |
|--------------|------------|----------------|
| Male         | 215        | 50,47%         |
| Female       | 211        | 49,53%         |
| <b>Total</b> | <b>426</b> | <b>100,00%</b> |

**Table D3: Gender Profile of Heads and Members of AHs**

| AHs         |        |               |        |           |         | AH members |        |        |        |           |         |
|-------------|--------|---------------|--------|-----------|---------|------------|--------|--------|--------|-----------|---------|
| Male Headed | %      | Female Headed | %      | Total Ahs | %       | Male       | %      | Female | %      | Total APs | %       |
| 75          | 70,09% | 32            | 29,91% | 107       | 100,00% | 140        | 43,89% | 179    | 56,11% | 319       | 100,00% |

### 3. Ethnicity of Affected Persons

117. An Indigenous People (IP) group as defined by the IP Safeguards of the SPS (2009) is not present in Project area. However, the SPS defines IPs as a generic term that includes ethnic groups. 98.84% of the APs are Armenians (see Table D4) and only one AP (1.16%) is Russian.

**Table D4: Ethnic profile of AHs**

| Ethnicity    | APs        | in Percentage  |
|--------------|------------|----------------|
|              | No         | %              |
| Armenian     | 425        | 98,84%         |
| Russian      | 1          | 1,16%          |
| <b>Total</b> | <b>426</b> | <b>100,00%</b> |

### 4. Gender, Age and Marital Status of AH Heads

118. The more than half of household heads, 75 (70.09%), in the surveyed population are males and about 32 (29.91%) are female. This gender distribution of household heads is reflecting the predominance male-headed households in affected communities. The age distribution of the surveyed population shows that the 56-65 and 66 and more age groups were the most represented group among the male-headed households (21.50% and 23.36%). Female-headed households are mostly well represented in 56-65 and 66 and more age group (12.15% and 15.89%).

**Table D5: Age Distribution of Heads of AHs by Gender**

| Age Cohort   | Male AH Heads |               | Female AH Heads |               | Total      |                |
|--------------|---------------|---------------|-----------------|---------------|------------|----------------|
|              | No.           | %             | No.             | %             | No.        | %              |
| 26-35        | 2             | 1,87%         | 0               | 0,00%         | 2          | 1,87%          |
| 36-45        | 4             | 3,74%         | 0               | 0,00%         | 4          | 3,74%          |
| 46-55        | 21            | 19,63%        | 2               | 1,87%         | 23         | 21,50%         |
| 56-65        | 23            | 21,50%        | 13              | 12,15%        | 36         | 33,64%         |
| 66 and more  | 25            | 23,36%        | 17              | 15,89%        | 42         | 39,25%         |
| <b>Total</b> | <b>75</b>     | <b>70,09%</b> | <b>32</b>       | <b>29,91%</b> | <b>107</b> | <b>100,00%</b> |

119. However, the percentage of female household heads in the 66 and more age group is comparatively more as compared to the other age groups. This is due to death (26 AHs) of male spouse leaving the females to head the household which has been extracted from marital status of

heads of AHs (Table D6). Legally the wife becomes the owner of the estate after the death of her husband; however, this ownership is primarily linked to the demise of a male partner.

**Table D6: Marital Status of Heads of AHs**

| Marital Status | Male AH Heads |               | Female AH Heads |               | Total      |                |
|----------------|---------------|---------------|-----------------|---------------|------------|----------------|
|                | No.           | No.           | No.             | %             | No.        | %              |
| Married        | 65            | 60,75%        | 2               | 1,87%         | 67         | 62,62%         |
| Single         | 1             | 0,93%         | 1               | 0,93%         | 2          | 1,87%          |
| Widowed        | 7             | 6,54%         | 26              | 24,30%        | 33         | 30,84%         |
| Divorced       | 2             | 1,87%         | 3               | 2,80%         | 5          | 4,67%          |
| <b>Total</b>   | <b>75</b>     | <b>70,09%</b> | <b>32</b>       | <b>29,91%</b> | <b>107</b> | <b>100,00%</b> |

**Table D7: Marital Status of AH members**

| Marital Status | Male       |               | Female     |               | Total      |                |
|----------------|------------|---------------|------------|---------------|------------|----------------|
|                | No.        | No.           | No.        | %             | No.        | %              |
| Married        | 45         | 14,11%        | 109        | 34,17%        | 154        | 48,28%         |
| Single         | 49         | 15,36%        | 25         | 7,84%         | 74         | 23,20%         |
| Widowed        | 2          | 0,63%         | 5          | 1,57%         | 7          | 2,19%          |
| Divorced       | 3          | 0,94%         | 2          | 0,63%         | 5          | 1,57%          |
| Not applicable | 41         | 12,85%        | 38         | 11,91%        | 79         | 24,76%         |
| <b>Total</b>   | <b>140</b> | <b>43,89%</b> | <b>179</b> | <b>56,11%</b> | <b>319</b> | <b>100,00%</b> |

120. Table D8 below presents the total number of affected household members (APs) by age cohort and gender. The age distribution is different among male and female AH members. The percentage of male household members is 50% in the age group 0-25 (50%) while in 26-46 it is 41.4%. Moreover, they are represented only in 7.8% in the 46-65 age group. The figures indicate relatively little permanent out-migration at the time of the survey which is typical for males AHs members in rural population. As shown in the table below, the female household members more or less are proportionally represented in all age groups with maximum of 10.03% in 26-35 age group. However, the get figures may be a result of seasonal or short-term work migration, notably in the 26-46 age groups and long-term or permanent migration in the 46-55 age groups.

**Table D8: Age Distribution of of AH members by Gender**

| Age Cohort   | Male       |               | Female     |               | Total      |                |
|--------------|------------|---------------|------------|---------------|------------|----------------|
|              | No.        | No.           | No.        | %             | No.        | %              |
| 0-5          | 17         | 5,33%         | 17         | 5,33%         | 34         | 10,66%         |
| 6-15         | 25         | 7,84%         | 19         | 5,96%         | 44         | 13,79%         |
| 16-25        | 28         | 8,78%         | 20         | 6,27%         | 48         | 15,05%         |
| 26-35        | 40         | 12,54%        | 32         | 10,03%        | 72         | 22,57%         |
| 36-45        | 18         | 5,64%         | 24         | 7,52%         | 42         | 13,17%         |
| 46-55        | 7          | 2,19%         | 25         | 7,84%         | 32         | 10,03%         |
| 56-65        | 4          | 1,25%         | 27         | 8,46%         | 31         | 9,72%          |
| 66 and more  | 1          | 0,31%         | 15         | 4,70%         | 16         | 5,02%          |
| <b>Total</b> | <b>140</b> | <b>43,89%</b> | <b>179</b> | <b>56,11%</b> | <b>319</b> | <b>100,00%</b> |

## 5. Education Level

121. The overall literacy level is quite high among the affected household heads. All men and women are educated and literate. The highest proportion of AHs heads have secondary level

education (35.51%) and secondary professional education (29.91%) followed by 23.36% of households' heads who have higher education. Among heads of household, in case of secondary professional (22 men versus 10 women) and higher education (18 men versus 7 women) the men headed households have significantly predominance over the women headed households. Analysis of data reveals that only women (1.87% of total female AH heads) have had an incomplete secondary education. For details, please see Table D9.

**Table D9: Education of AH Heads by Gender**

| Educational Level                    | Male AH Heads |               | Female AH Heads |               | Total AH Heads |                |
|--------------------------------------|---------------|---------------|-----------------|---------------|----------------|----------------|
|                                      | No.           | %             | No.             | %             | No.            | %              |
| Illiterate                           | 0             | 0,00%         | 0               | 0,00%         | 0              | 0,00%          |
| Elementary                           | 0             | 0,00%         | 0               | 0,00%         | 0              | 0,00%          |
| Incomplete secondary                 | 7             | 6,54%         | 3               | 2,80%         | 10             | 9,35%          |
| Secondary                            | 28            | 26,17%        | 10              | 9,35%         | 38             | 35,51%         |
| Middle school                        | 0             | 0,00%         | 0               | 0,00%         | 0              | 0,00%          |
| High school                          | 0             | 0,00%         | 0               | 0,00%         | 0              | 0,00%          |
| Secondary Professional               | 22            | 20,56%        | 10              | 9,35%         | 32             | 29,91%         |
| Incomplete higher education, student | 0             | 0,00%         | 2               | 1,87%         | 2              | 1,87%          |
| Higher (bachelor or master)          | 18            | 16,82%        | 7               | 6,54%         | 25             | 23,36%         |
| Postgraduate                         | 0             | 0,00%         | 0               | 0,00%         | 0              | 0,00%          |
| Not applicable (up to 6years)        | 0             | 0,00%         | 0               | 0,00%         | 0              | 0,00%          |
| <b>Total</b>                         | <b>75</b>     | <b>70,09%</b> | <b>32</b>       | <b>29,91%</b> | <b>107</b>     | <b>100,00%</b> |

122. Out of 319 household members (APs), 19 (5.96%) have elementary, 98 (30.72%) have secondary education, with 40 (12.54%) secondary professional education and 62 (19.44%) have higher education. APs in middle schools and high school education level constitutes 6.90% and 2.19% respectively. The data also reveals that by secondary professional education level and higher degree of qualifications the percentage of women are more than men respectively 28 women versus 12 men and 42 women versus 20 men. Thus reflecting the independent mindset of women with respect to employment and economic activity.

**Table D10: Education of AH members by Gender**

| Educational Level                    | Male       |               | Female     |               | Total      |                |
|--------------------------------------|------------|---------------|------------|---------------|------------|----------------|
|                                      | No.        | %             | No.        | %             | No.        | %              |
| Illiterate                           | 1          | 0,31%         |            | 0,00%         | 1          | 0,31%          |
| Elementary                           | 11         | 3,45%         | 8          | 2,51%         | 19         | 5,96%          |
| Incomplete secondary                 | 8          | 2,51%         | 5          | 1,57%         | 13         | 4,08%          |
| Secondary                            | 42         | 13,17%        | 56         | 17,55%        | 98         | 30,72%         |
| Middle school                        | 12         | 3,76%         | 10         | 3,13%         | 22         | 6,90%          |
| High school                          | 4          | 1,25%         | 3          | 0,94%         | 7          | 2,19%          |
| Secondary Professional               | 12         | 3,76%         | 28         | 8,78%         | 40         | 12,54%         |
| Incomplete higher education, student | 13         | 4,08%         | 10         | 3,13%         | 23         | 7,21%          |
| Higher (bachelor or master)          | 20         | 6,27%         | 42         | 13,17%        | 62         | 19,44%         |
| Postgraduate                         | 1          | 0,31%         | 1          | 0,31%         | 2          | 0,63%          |
| Not applicable (up to 6 years)       | 16         | 5,02%         | 16         | 5,02%         | 32         | 10,03%         |
| <b>Total</b>                         | <b>140</b> | <b>43,89%</b> | <b>179</b> | <b>56,11%</b> | <b>319</b> | <b>100,00%</b> |

## 6. Employment Status

123. In general, 36 (33.64%) out of 107 AHs are employed with a substantially higher proportion of male household heads (28.97%) than women heads of household (4.67%). Almost equal number of men and women 18 heads of household are pensioners (men (16.82%) and 17 women (15.89%)), while 12 heads of household (11.21%) are employed pensioners who are engaged in private agriculture without selling (7 men and 5 women). In total, 24 (22.4%) household heads are unemployed or not working. Out of these, comparatively equal number of household heads are looking or not actively looking for employment, respectively 9.35% and 13.08 (please see Table D11).

**Table D11: Employment Status of AH Head by Gender**

| Employment Status             | Male AH Heads |               | Female AH Heads |               | Total      |                |
|-------------------------------|---------------|---------------|-----------------|---------------|------------|----------------|
|                               | No.           | %             | No.             | %             | No.        | %              |
| Employed                      | 31            | 28,97%        | 5               | 4,67%         | 36         | 33,64%         |
| Pensioner                     | 18            | 16,82%        | 17              | 15,89%        | 35         | 32,71%         |
| Employed pensioner            | 7             | 6,54%         | 5               | 4,67%         | 12         | 11,21%         |
| Unemployed (not look for job) | 8             | 7,48%         | 2               | 1,87%         | 10         | 9,35%          |
| Unemployed (looking for job)  | 11            | 10,28%        | 3               | 2,80%         | 14         | 13,08%         |
| <b>Total</b>                  | <b>75</b>     | <b>70,09%</b> | <b>32</b>       | <b>29,91%</b> | <b>107</b> | <b>100,00%</b> |

124. Among other family members, 44 (13.79%) men employed as against 42 women (13.17%), showing almost equal participation among men and women in employment. The pensioners among men and women has greater difference: 14 women versus only 1 men. Further, 64 AH members (20.06%) are pupil and student .In all, 105 (32.9%) numbers of men and women are reported to be unemployed at the time of survey. Out of this, 28 men and 35 women are looking for job.

**Table D12: Employment Status of AH members by Gender**

| Employment Status   | Male       |               | Female     |               | Total      |                |
|---|------------|---------------|------------|---------------|------------|----------------|
|   | No.        | %             | No.        | %             | No.        | %              |
| Employed  | 44         | 13,79%        | 42         | 13,17%        | 86         | 26,96%         |
| Pensioner   | 1          | 0,31%         | 14         | 4,39%         | 15         | 4,70%          |
| Employed pensioner*   | 0          | 0,00%         | 1          | 0,31%         | 1          | 0,31%          |
| Pupil   | 27         | 8,46%         | 21         | 6,58%         | 48         | 15,05%         |
| Student   | 7          | 2,19%         | 9          | 2,82%         | 16         | 5,02%          |
| Distance student  | 3          | 0,94%         | 2          | 0,63%         | 5          | 1,57%          |
| Unemployed (not look for job)                                       | 5          | 1,57%         | 37         | 11,60%        | 42         | 13,17%         |
| Unemployed (looking for job)  | 28         | 8,78%         | 35         | 10,97%        | 63         | 19,75%         |
| Military servant  | 5          | 1,57%         | 0          | 0,00%         | 5          | 1,57%          |
| Disable   | 2          | 0,63%         | 100%       | 0,31%         | 3          | 0,94%          |
| Other   | 1          | 0,31%         |            | 0,00%         | 1          | 0,31%          |
| Not applicable (up to 6 years)                                      | 17         | 5,33%         | 17         | 5,33%         | 34         | 10,66%         |
| <b>Total</b>  | <b>140</b> | <b>43,89%</b> | <b>179</b> | <b>56,11%</b> | <b>319</b> | <b>100,00%</b> |
| * The pensioners are engaged in private agriculture without selling |            |               |            |               |            |                |



## **7. Access to Services and Facilities**

125. The SES for the affected communities recorded availability of public services and its distance from the each community. The services include educational facility, hospitals, pharmacy, post office, public transport, park, shops, cultural centers and church. All affected communities, have all the services available within the village except several services in Artchis (kindergarde, pharmacy, cultural center and church). Therefore, these settlements from which Alaverdi is one of the largest industrial cites in Armenia, are well equipped with respect to the various services (refer Table D13).

**Table D13: Availability of services by distance**

| Services                 | Aygehat   |       |                |             | Artchis   |                |             | Haghpat   |       |                |             | Neghots   |       |                |             | Shnogh    |       |                |             | Alaverdi  |       |                |             | Odzun     |       |                |             |
|--------------------------|-----------|-------|----------------|-------------|-----------|----------------|-------------|-----------|-------|----------------|-------------|-----------|-------|----------------|-------------|-----------|-------|----------------|-------------|-----------|-------|----------------|-------------|-----------|-------|----------------|-------------|
|                          | Up to 2km | 2 kms | Within 2-5 kms | above 5 kms | Up to 2km | Within 2-5 kms | above 5 kms | Up to 2km | 2 kms | Within 2-5 kms | above 5 kms | Up to 2km | 2 kms | Within 2-5 kms | above 5 kms | Up to 2km | 2 kms | Within 2-5 kms | above 5 kms | Up to 2km | 2 kms | Within 2-5 kms | above 5 kms | Up to 2km | 2 kms | Within 2-5 kms | above 5 kms |
| Secondary School         | ✓         |       |                |             | ✓         |                |             | ✓         | ✓     | ✓              |             | ✓         | ✓     |                |             | ✓         |       | ✓              |             | ✓         | ✓     | ✓              | ✓           | ✓         |       | ✓              |             |
| High School              | ✓         | ✓     | ✓              | ✓           | ✓         | ✓              |             | ✓         | ✓     | ✓              | ✓           | ✓         | ✓     | ✓              |             | ✓         |       | ✓              | ✓           | ✓         | ✓     | ✓              | ✓           | ✓         | ✓     | ✓              | ✓           |
| Kindergarten             | ✓         |       | ✓              | ✓           |           | ✓              |             | ✓         | ✓     | ✓              |             | ✓         | ✓     |                |             | ✓         | ✓     | ✓              | ✓           | ✓         | ✓     | ✓              | ✓           | ✓         |       | ✓              |             |
| Other educational center | ✓         |       | ✓              | ✓           |           | ✓              |             | ✓         |       | ✓              |             | ✓         |       | ✓              | ✓           | ✓         |       | ✓              | ✓           | ✓         |       | ✓              | ✓           | ✓         | ✓     | ✓              | ✓           |
| Hospitals                | ✓         |       |                |             | ✓         | ✓              |             | ✓         | ✓     | ✓              | ✓           | ✓         | ✓     | ✓              |             | ✓         |       | ✓              | ✓           | ✓         | ✓     | ✓              | ✓           | ✓         |       | ✓              | ✓           |
| Pharmacy                 | ✓         |       |                | ✓           |           | ✓              |             | ✓         | ✓     |                |             | ✓         | ✓     | ✓              |             | ✓         | ✓     | ✓              |             | ✓         |       | ✓              | ✓           | ✓         | ✓     | ✓              | ✓           |
| Post Office              | ✓         |       |                |             | ✓         |                |             | ✓         | ✓     |                |             | ✓         |       | ✓              |             | ✓         |       | ✓              |             | ✓         | ✓     | ✓              | ✓           | ✓         |       | ✓              |             |
| Public Transportation    | ✓         |       |                |             | ✓         | ✓              |             | ✓         |       |                |             | ✓         | ✓     |                |             | ✓         | ✓     | ✓              |             | ✓         | ✓     | ✓              |             | ✓         | ✓     |                |             |
| Parks                    | ✓         |       |                |             |           | ✓              | ✓           | ✓         |       | ✓              | ✓           | ✓         |       |                | ✓           | ✓         |       | ✓              | ✓           | ✓         | ✓     | ✓              | ✓           | ✓         |       | ✓              | ✓           |
| Shop, trade center       | ✓         |       |                |             | ✓         |                |             | ✓         |       |                |             | ✓         |       | ✓              |             | ✓         |       | ✓              |             | ✓         |       | ✓              |             | ✓         |       | ✓              |             |
| Cultural center          | ✓         |       | ✓              | ✓           |           | ✓              | ✓           | ✓         | ✓     | ✓              |             | ✓         |       | ✓              | ✓           | ✓         | ✓     | ✓              | ✓           | ✓         |       | ✓              | ✓           | ✓         |       | ✓              | ✓           |
| Church                   | ✓         |       |                | ✓           |           | ✓              | ✓           | ✓         | ✓     | ✓              | ✓           | ✓         |       | ✓              |             | ✓         |       | ✓              |             | ✓         | ✓     | ✓              | ✓           | ✓         | ✓     | ✓              | ✓           |

126. As regards source of drinking water for the households, in all places except Neghots, Shnogh and Alaverdi for most piped water supply is the primary source. The proportion of households covered by piped water supply in Neghots, Shnogh and Alaverdi are 83.33%, 76.47% and 80.43%, respectively. Spring is the second major source of drinking water for the households in Shnogh (11.76%) and Alaverdi (15.22%) (refer Table D14).

**Table D14: Source of drinking water of AHs**

| Source of drinking water | Aygehat        | Artchis        | Haghpat        | Neghots        | Shnogh         | Alaverdi       | Odzun          | Total          |
|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Piped Water Supply       | 100,00%        | 100,00%        | 100,00%        | 83,33%         | 76,47%         | 80,43%         | 100,00%        | 86,92%         |
| Spring                   | 0,00%          | 0,00%          | 0,00%          | 0,00%          | 11,76%         | 15,22%         | 0,00%          | 8,41%          |
| Well                     | 0,00%          | 0,00%          | 0,00%          | 16,67%         | 11,76%         | 2,17%          | 0,00%          | 3,74%          |
| Stream                   | 0,00%          | 0,00%          | 0,00%          | 0,00%          | 0,00%          | 2,17%          | 0,00%          | 0,93%          |
| <b>Total</b>             | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> |

127. In terms of provision of sanitation facilities in the households, flush toilet and latrine are available in 99.07% of households surveyed in SES. The proportion of flush toilet and latrine is 58.88% and 28.04% respectively, while 12.15% has both facilities. Merely, 0.93% of households of total surveyed households have no toilet. Households without sanitation facility are recorded in Alaverdi and this account 2.17% of total households in Alaverdi (refer Table D15).

**Table D15: Sanitation facilities in Households**

| Type of toilet    | Aygehat        | Artchis        | Haghpat        | Neghots        | Shnogh         | Alaverdi       | Odzun          | Total          |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Flush toilet      | 80,00%         | 100,00%        | 77,78%         | 50,00%         | 35,29%         | 58,70%         | 61,90%         | 58,88%         |
| Latrine           | 0,00%          | 0,00%          | 0,00%          | 16,67%         | 47,06%         | 32,61%         | 28,57%         | 28,04%         |
| Flush and latrine | 20,00%         | 0,00%          | 22,22%         | 33,33%         | 17,65%         | 6,52%          | 9,52%          | 12,15%         |
| No toilet         | 0,00%          | 0,00%          | 0,00%          | 0,00%          | 0,00%          | 2,17%          | 0,00%          | 0,93%          |
| <b>Total</b>      | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> |

128. Household's fuel requirement in Armenia is primarily required for cooking and heating purpose. Having a frosty winter, the requirement of fuel for heating of household is a major expenditure. In order to understand the dependency of households on type of fuel for heating, the SES has tried to capture the same. It can be seen from the Table D15 that wood, gas and electricity are the primary fuel for household heating with more than 50% of usage of wood for heating. In terms of percentages, the dependency of households on wood, gas and electricity is 58.49%, 21.70% and 8.49% respectively, while 0.94% and 4.72% of AHs has both electricity and wood and electricity and gas respectively. Thus, revealing that in all places except Haghpat, wood followed by gas and electricity are in order of preferred fuel for heating. The main reason of such preference can serves the fact that all communities are located next to the forest and obtaining of wood is much more available and not costly than the other fuel sources for which the AHs have to pay more. As regards communities, none of 2 affected households uses electricity for heating purpose in Neghots, Artchis and Aygehat. The half of households (55.56%) using gas for the heating purpose is in Haghpat which equally (22.22%) followed by electricity and wood.

**Table D16: Percentage of Households dependency on type of fuel for heating**

| Type of Fuel         | Aygehat | Artchis | Haghpat | Neghots | Shnogh | Alaverdi | Odzun | Total |
|----------------------|---------|---------|---------|---------|--------|----------|-------|-------|
| Electricity          | 0,00%   | 0,00%   | 22,22%  | 0,00%   | 11,76% | 6,67%    | 9,52% | 8,49% |
| Electricity and wood | 0,00%   | 0,00%   | 0,00%   | 0,00%   | 0,00%  | 2,22%    | 0,00% | 0,94% |
| Electricity and gas  | 0,00%   | 0,00%   | 0,00%   | 16,67%  | 0,00%  | 4,44%    | 9,52% | 4,72% |

| Type of Fuel | Aygehat        | Artchis        | Haghpat        | Neghots        | Shnogh         | Alaverdi       | Odzun          | Total          |
|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Wood         | 100,00%        | 100,00%        | 22,22%         | 33,33%         | 82,35%         | 60,00%         | 42,86%         | 58,49%         |
| Wood and gas | 0,00%          | 0,00%          | 0,00%          | 33,33%         | 5,88%          | 4,44%          | 4,76%          | 5,66%          |
| Gas          | 0,00%          | 0,00%          | 55,56%         | 16,67%         | 0,00%          | 22,22%         | 33,33%         | 21,70%         |
| <b>Total</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> |

## 8. Source of Livelihood and Income

129. As shown in the Table D17, the agricultural activity doesn't serve as a main source of income for the affected households. Taking into account the landscape features of the area surrounded by gorges from one side and the river, railway and forest from the other side, the affected communities are not rich with arable lands, orchards and pastures. Hence, the agricultural activity is limited with cultivation of vegetables in homestead lands and gathering of berries from the forest. The communities which have higher proportion of agricultural income to non-agricultural income are more affluent (the average household monthly income in Artchis and Odzun 116.666,67AMD (61.73%), and 66.529,41AMD (53.55%) respectively as compared to the communities with less proportion of agricultural income to non-agricultural income. Hence, there is direct linkage between the affluence of an affected community and agriculture income.

**Table D17: Proportion of Agricultural and Non-Agricultural Annual Incomes per Household**

| Community | Average Income By Non Agricultural Activities Per Household (AMD) | Average Income By Agricultural Activities Per Household (AMD) | Total Average Income Per Household (AMD) | %age of agricultural income to non-agricultural income |
|-----------|---|---|--|--|
| Aygehat   | 140.400,00  | 46.000,00   | 218.600,00                               | 32,76%   |
| Artchis   | 189.000,00  | 116.666,67  | 305.666,67                               | 61,73%   |
| Haghpat   | 160.666,67  | 35.166,67   | 191.333,33                               | 21,89%   |
| Neghots   | 253.500,00  | 58.400,00   | 278.750,00                               | 23,04%   |
| Shnogh    | 195.235,29  | 52.066,67   | 249.187,50                               | 26,67%   |
| Alaverdi  | 135.812,21  | 25.018,52   | 144.787,22                               | 18,42%   |
| Odzun     | 124.236,84  | 66.529,41   | 181.416,67                               | 53,55%   |

130. The data on income source demonstrates that 46.74% of total income is derived from salaries of hired employees. By their nature, the affected communities are more urban than rural. Sewing factory, brick factory, cargo transportation station and many light industrial factories were operating before collapse of Soviet Union and local population has been provided with work. Nowadays, due to lack of stable workplaces, except Copper and Molybdenum Combines in Alaverdi and Akhtala and several hotels in Haghpat, people finding the job in the neighbor communities and in Alaverdi city. In addition, the road construction in M6 EIB-financed section has created work opportunity for affected communities involving the local workforce as a result of which some part of AH members are engaged in the road construction activities. The high percentage of salary is significant in all communities (the salary in Aygehat, Artchis, Haghpat, Neghots, Shnogh, Alaverdi and Odzun is 70.49%, 55.07%, 58.84%, 35.91%, 59.68%, 40.83% and 33.14% respectively). The next household's income source with higher percentages is from pension, family poverty allowances, disability allowances, unemployment allowances and student scholarship. This percentage varies from 0.54% in Aygehat to 34.61% in Alaverdi. The income data indicates that it is important to provide additional allowances and support to restore the incomes of AHs affected by the Project, especially for vulnerable AHs. Only 19.14% of AH's income is covered by agricultural activities included cattle breeding.

**Table D18: AHs Source of income**

| Source of Income   | In%            |                |                |                |                |                |                |                |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|  | Aygehat        | Artchis        | Haghpat        | Neghots        | Shnogh         | Alaverdi       | Odzun          | Total          |
| Agriculture  | 19,31%         | 38,17%         | 9,05%          | 11,86%         | 16,46%         | 8,72%          | 28,21%         | 16,13%         |
| Cattle breeding and sale   | 5,36%          | 0,00%          | 3,68%          | 6,86%          | 2,59%          | 1,65%          | 4,18%          | 3,01%          |
| Salary (hired employee)  | 70,49%         | 55,07%         | 58,84%         | 35,91%         | 59,68%         | 40,83%         | 33,14%         | 46,74%         |
| Business activity  | 0,00%          | 0,00%          | 6,04%          | 0,00%          | 0,00%          | 8,29%          | 5,16%          | 4,28%          |
| Self-employed  | 0,00%          | 0,00%          | 0,00%          | 0,00%          | 0,00%          | 2,41%          | 0,00%          | 0,82%          |
| Work abroad  | 4,29%          | 0,00%          | 0,00%          | 0,00%          | 11,22%         | 3,50%          | 0,00%          | 3,80%          |
| Rental income  | 0,00%          | 0,00%          | 0,00%          | 32,06%         | 0,00%          | 0,00%          | 4,30%          | 3,39%          |
| Scholarship, pensioner, family poverty allowances, allowances for disability, other pensions, remittance from abroad | 0,54%          | 6,76%          | 22,39%         | 13,31%         | 10,05%         | 34,61%         | 25,02%         | 21,83%         |
| <b>Total</b>   | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> |

## 9. Asset Ownership of AHs

131. Asset ownership is a good indicator of economic condition of the households in any given area. The asset ownership amongst the affected households is presented in table below to give an overall picture. 100% of surveyed households own mobile phone; followed by 97% households have television set, 93% refrigerator and 81% of households have washing machine. 46% households own car, where as another 5% of households own bus/truck/farm machinery. About 21% of households also have landline phone and most of these households own mobile phone as well. 9% of households own air conditioner. About 59% of households have laptop/computer in their house.

**Table D19: Assets owned by the AHs**

| No. | List of Assets             | In % |     |
|-----|----------------------------|------|-----|
|     |                            | Yes  | No  |
| 1   | Television                 | 97%  | 3%  |
| 2   | Washing machine            | 81%  | 19% |
| 3   | Refrigerator               | 93%  | 7%  |
| 4   | Mobile telephone           | 100% | 0%  |
| 5   | Telephone                  | 21%  | 79% |
| 6   | Vehicle (car)              | 46%  | 54% |
| 7   | Bus /Truck/ Farm machinery | 5%   | 95% |
| 8   | Air Conditioner            | 9%   | 91% |
| 9   | Laptop/ computer           | 59%  | 41% |

132. The economic value of livestock includes meat and dairy products. In general, livestock has not great value in economy of affected households as amongst the livestock, 15%, 12%, 5% and 5% of all surveyed households own only poultry, pigs, bees and cows respectively (refer table D20 for details).

**Table D20: Possession of Live Stock Assets by HHs**

| No. | List of Live stocks | In % |
|-----|---------------------|------|
|-----|---------------------|------|

|    |           | Yes | No   |
|----|-----------|-----|------|
| 1  | Cows      | 5%  | 95%  |
| 2  | Buffaloes | 0%  | 100% |
| 3  | Sheep     | 0%  | 100% |
| 4  | Goats     | 0%  | 100% |
| 5  | Poultry   | 15% | 85%  |
| 6  | Pig       | 12% | 88%  |
| 7  | Donkey    | 0%  | 100% |
| 8  | Horse     | 0%  | 100% |
| 9  | Bee       | 5%  | 95%  |
| 10 | rabbit    | 4%  | 99%  |

## 10. Household Expenditure, Indebtness and State Benefit

133. The SES of affected households has made an effort to capture the average household expenditure under different heads and percentage to the total expenditure. Data presented in the table reveals that food constitutes the major household expenditure across the communities. It varies from 31.56% in Odzun to 43.23% in Alaverdi. Expenditure on clothing and utility payments are the next major expenditures which varies from 6.45% in Artchis to 11.89% in Haghpat (expenditure on clothing) and from 7.63% in Shnogh to 14.62% in Haghpat. The highest household expenditure on health is observed in Artchis at 18.54%. The highest household expenditure on education is in Haghpat at 6.44% and on household goods is in Artchis at 6.45% (refer table D21).

**Table D21: Average Family Expenditure**

| Expenditure Heads  | HH's average monthly expenditures in AMD in % |                |                |                |                |                |                |
|--|---|----------------|----------------|----------------|----------------|----------------|----------------|
|  | Aygehat                                       | Artchis        | Haghpat        | Neghots        | Shnogh         | Alaverdi       | Odzun          |
| Expenditure on food  | 38,89%  | 38,69%         | 32,21%         | 35,64%         | 37,74%         | 43,23%         | 31,56%         |
| Expenditures on clothing   | 9,29%   | 6,45%          | 11,89%         | 10,83%         | 8,26%          | 6,99%          | 11,64%         |
| Utility payments   | 12,22%  | 10,96%         | 14,62%         | 8,79%          | 7,63%          | 9,41%          | 11,82%         |
| Mobile phones  | 4,04%   | 3,06%          | 2,65%          | 3,91%          | 2,71%          | 2,98%          | 2,74%          |
| Expenditures on healthcare   | 11,11%  | 18,54%         | 10,16%         | 8,16%          | 9,80%          | 18,43%         | 10,41%         |
| Tuition and other expenses related to education  | 1,52%   | 0,32%          | 6,44%          | 5,53%          | 5,15%          | 5,10%          | 2,80%          |
| Household goods  | 4,04%   | 6,45%          | 4,06%          | 3,96%          | 4,62%          | 3,48%          | 3,63%          |
| Social obligations   | 4,04%   | 3,22%          | 6,19%          | 9,42%          | 7,02%          | 2,60%          | 4,41%          |
| Transportation costs (bus and other, not for agricultural purposes)  | 6,77%   | 12,09%         | 10,16%         | 8,29%          | 14,86%         | 5,26%          | 10,97%         |
| Expenditure on agriculture and cattle farming, including irrigation water, agricultural machinery rental fee | 7,07%   | 0,16%          | 0,64%          | 4,87%          | 1,31%          | 1,42%          | 2,99%          |
| Rents (for land, apartment)  | 0,00%   | 0,00%          | 0,05%          | 0,04%          | 0,47%          | 0,59%          | 5,11%          |
| Taxes /land taxes, property tax, etc./   | 1,00%   | 0,05%          | 0,92%          | 0,55%          | 0,43%          | 0,24%          | 0,46%          |
| Other  | 0,00%   | 0,00%          | 0,00%          | 0,00%          | 0,01%          | 0,26%          | 1,46%          |
| <b>Total</b>   | <b>100,00%</b>                                | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> | <b>100,00%</b> |

134. Government of Armenia is implementing various welfare measures to support the citizen through different schemes. These welfare benefits are extended to the families based on the criteria set forth for each of the schemes. The State benefits include old age pension, invalidity pension, benefit for loss of breadwinner, childcare, childbirth, poverty and others. As part of SES, data has been captured to assess the dependency for AHs on various state benefits to understand the socio-

economic condition of the households. The data reveals that a high percentage of households are recipient of old age pension and invalidity pension. 33.33% of AH receive family poverty benefit in Artchis and another 11.11% of AHs get child birth benefit in Haghpats.

**Table D22: Households receiving state benefits**

| State benefits type                                 | In % of surveyed AHs |         |          |         |        |          |        |
|---|----------------------|---------|----------|---------|--------|----------|--------|
|   | Aygehat              | Artchis | Haghpats | Neghots | Shnogh | Alaverdi | Odzun  |
| Old age pension                                     | 0,00%                | 33,33%  | 55,56%   | 33,33%  | 35,29% | 60,87%   | 33,33% |
| Invalidity pension                                  | 0,00%                | 0,00%   | 33,33%   | 16,67%  | 11,76% | 28,26%   | 19,05% |
| Service pension                                     | 0,00%                | 0,00%   | 0,00%    | 0,00%   | 5,88%  | 4,35%    | 9,52%  |
| Benefit for the loss of a breadwinner               | 0,00%                | 0,00%   | 0,00%    | 0,00%   | 0,00%  | 0,00%    | 0,00%  |
| Child care benefit for up to two years old children | 0,00%                | 0,00%   | 11,11%   | 0,00%   | 0,00%  | 0,00%    | 0,00%  |
| Child birth benefit                                 | 0,00%                | 0,00%   | 11,11%   | 0,00%   | 5,88%  | 4,35%    | 0,00%  |
| Poverty family benefit                              | 0,00%                | 33,33%  | 0,00%    | 16,67%  | 0,00%  | 10,87%   | 4,76%  |
| Lump sum benefit, aid                               | 0,00%                | 0,00%   | 0,00%    | 0,00%   | 0,00%  | 0,00%    | 0,00%  |

## 11. Women's Participation and Impacts

135. Women have important economic roles in the project areas. The SES survey has captured the participation of women in family financial, education, health, asset ownership, sale of asset and day-to-day family matters. In the perception of APs, women's participation is more emphasized in day-to-day affairs in family, financial, child education and health matters and less significant in decision making process of purchasing and selling of real estate or other assets (refer table D23). The project pays particular attention to ensure that women headed households not having adult male labour have been considered as vulnerable and focused assistance will be provided in the entitlement of the LARP.

**Table D23: Participation in decision making by women in household matters**

| List of Matters   | Yes    | No     | Some times | No answer |
|---|--------|--------|------------|-----------|
|   |        |        |            |           |
| Financial matter related to investment/liabilities (loans, borrowing)     | 77,57% | 9,35%  | 1,87%      | 11,21%    |
| Education of child  | 86,92% | 1,87%  | 0,00%      | 11,21%    |
| Health care of child  | 86,92% | 1,87%  | 0,00%      | 11,21%    |
| Purchase of assets / furniture, household appliances, vehicle, jewelry    | 76,64% | 11,21% | 0,93%      | 11,21%    |
| Sale of assets / furniture, household appliances, vehicle, jewelry        | 76,64% | 11,21% | 0,93%      | 11,21%    |
| Day to day activities on household running /trading, daily food, clothing | 86,92% | 1,87%  | 11,21%     | 0,00%     |

## 12. Poor and Extremely Poor AHs

136. About 45.79% of surveyed AHs<sup>18</sup> are poor. A poverty assessment was done based on the National Statistical Service of the Republic of Armenia's (NSS RA) methodology. The

<sup>18</sup> The number of poor AH identified in the SES exceeds that in the impacts assessment in chapter B, because many poor AHs are not registered in the evaluation system of vulnerability of families (ESVF). In this LARP both, the impact assessment and the SES are presented and, in accordance with para. 18 of Appendix B of the LARF for this MFF, unregistered poor households will be identified and referred to the Ministry of Labor and Social Affairs, which will assess

methodology is using average monthly consumption indicators for a member of HH calculated for food and goods baskets. HH is considered extremely poor when average monthly consumption per adult member is no more than extreme poverty line (food basket cost) and poor when average total expenditures are higher than extreme poverty line but low from common poverty line (cost of basket of goods). NSS of RA calculate extreme (food) poverty level as 27,370.40AMD, and poverty level as 48,445.60AMD per household. See details in the Table D24.

**Table D24: Vulnerable Poor AHs\***

| Category         | Number     | Percent        |
|------------------|------------|----------------|
| Poor             | 49         | 45,79%         |
| o Extremely Poor | 16         |                |
| o Poor           | 33         |                |
| Not Poor         | 58         | 54,21%         |
| <b>Total</b>     | <b>107</b> | <b>100,00%</b> |

137. SES data show, that there is a discrepancies between household income and expenditure, particularly in 54 cases (AHs) the income is higher than expenditure, but it is only affect on the changes of poverty status of 22 AHs. The minimum value of such difference is 16,880.00 AMD, maximum is 116,400.00 AMD, average is 62,827.27. The one of the reason of the diffrence is that 10 AHs from mentioned 22 either have took the loan from the bank or private person or have put the gold under the mortgage and the payment for the bank interest has not been separately indicated in the expenditures.

15 AHs which have been considered poor based on expenditure, became not poor AHs according to the income, 1 AH from extremely poor AH became not poor and 6 extremely poor AHs became poor AHs.

138. The breakup of poor AHs at community level is presented in table D25. SES data has identified 49 poor households under the Project, out of which 16 AHs are considered as an extremely poor. 11 extremely poor households are in Alaverdi and 3 in Odzun. and another AH each are in Aygehat and Haghpas. The biggest number of 16 affected household are poor in Alaverdi, the remaining 6 poor households are in Odzun followed by Shnogh (5 AHs), Aygehat and Haghpas (2 AHs in each) and one AHs each in Artchis and Neghoc.

**Table D25: Poor AHs per community**

| Community    | Poor      |                | Extremely poor |                | Total     |             |
|--------------|-----------|----------------|----------------|----------------|-----------|-------------|
|              | Number    | Percent        | Number         | Percent        | Number    | Percent     |
| Aygehat      | 2         | 6,06%          | 1              | 6,25%          | 3         | 8%          |
| Artchis      | 1         | 3,03%          | 0              | 0,00%          | 1         | 2%          |
| Haghpas      | 2         | 6,06%          | 1              | 6,25%          | 3         | 6%          |
| Neghots      | 1         | 3,03%          | 0              | 0,00%          | 1         | 2%          |
| Shnogh       | 5         | 15,15%         | 0              | 0,00%          | 5         | 10%         |
| Alaverdi     | 16        | 48,48%         | 11             | 68,75%         | 27        | 54%         |
| Odzun        | 6         | 18,18%         | 3              | 18,75%         | 9         | 18%         |
| <b>Total</b> | <b>33</b> | <b>100,00%</b> | <b>16</b>      | <b>100,00%</b> | <b>49</b> | <b>100%</b> |

their eligibility. If these AH are included in the ESVF, they will also be entitled for the vulnerability allowance.



## **E. LEGAL AND POLICY BACKGROUND**

### **1. Armenia's Legal Framework on Land Acquisition and Resettlement**

139. Article 8 of RA Constitution (hereby: Constitution) prescribes that the right to property shall be recognized and protected in the Republic of Armenia. Everyone shall have the right to freely own, use, dispose of and bequeath the property at his/her discretion. Article 31 of the RA Constitution prescribes that the private property may be expropriated for the needs of society and the State may be carried out only in exclusive cases of prevailing public interest, as prescribed by law, with prior equivalent compensation. The land acquisition, compensation and a number of procedures with regards are regulated by RA other legal norms:

- (i) Civil Code of the Republic of Armenia
- (ii) Law of RA on the Alienation of the Property for Public and State Purposes
- (iii) Law of RA on Land Code of the Republic of Armenia
- (iv) Law of RA on the Assessment of Real Estate Property
- (v) Law of RA on the state registration of rights towards the property
- (vi) RA Civil Procedure Code
- (vii) RA Administrative Procedure Code

140. Articles 102 and 104 of RA Land Code and Article 218 of RA Civil Code prescribe property acquisition for public and State interests, in exceptional cases of paramount public interest based on law and with prior equivalent compensation. There was adopted RA Law on Alienation of Property for Public and State Purposes (hereinafter "the Law") following the requirements of RA Constitution and the above mentioned legal norms, which is considered to be the major law regulating land acquisition and compensation procedures. The Law prescribes the legal grounds, requirements on property acquisition for public and state interests, regulations for compensation for land acquisition, and determination of the exclusive cases of prevailing public interest and its consideration with regards.

141. The first paragraph of Article 3 of the Law prescribes that the Constitutional basis for acquisition of property for public and state purposes is the exclusive prevailing public interest, and the application of its Constitutional requirements are as follows: a) land acquisition as prescribed by law and b) prior equivalent compensation for the acquired land.

142. Paragraph 1 of Article 4 of the above mentioned Law constitutes the principles of determination of exclusive cases of prevailing public interest for the acquisition of property for the public and state purposes, and Paragraph 2 of the same Article constitutes the possible purposes followed by exclusive prevailing public interest. The Law define the fundamental principle according to which a) public benefit must outweigh the expropriated property owner's loss, b) an efficient application of the public interest would not be ensured unless that property is acquired, c) the acquisition of the property must not unjustifiably harm the property owner, d) the public interest must be declared as prevailing by a Government decree, e) there may be filed a lawsuit on the exclusive public interest matters.

143. The Law also regulates requirements on acquisition of property, compensation and rules on decision making with regards to property alienation. In particular, Article 5 of the Law defines that in case of alienation of the land relevant real estate (buildings, building structures and other attached property, etc.) located on the land, as well as all existing improvements on the land are also subject to alienation. In case of acquisition of the building or construction, the relevant servicing lands shall be subject to alienation as well.

144. RA Law on Alienation of Property for Public and State Purposes sets regulations for physical and legal entities, and community owned properties (hereafter 'owners') and all other properties

(movable and immovable property, property rights, securities, etc.) located or registered in the Republic of Armenia according to RA legislation or recorded (hereafter: "property to be acquired") and regulations for property acquisition and compensation major procedures. In particular:

- (i) Upon enactment of the government decree on recognition of property as exclusive prevailing public interest, the relevant authority shall prepare a description protocol prescribing the acquired property according to the procedure and deadlines stated by the government; acquiring party, property owners and those possessing property rights on the acquired property may participate in preparing of the description protocols if the latter was not prepared during the preliminary survey of the property. Within no later than three days after its preparation, one copy of the description protocol describing the acquired property shall be, duly submitted to the property owner and persons possessing property rights on such property, who are authorised to lodge claims with relevant authorities and/or court within ten days after the due receipt thereof.
- (ii) An equivalent compensation is paid to the property owner for the acquired property. An equivalent compensation is considered to be 15% (fifteen presents) more than the market price of the property. The market value evaluation of the property or the property rights of the real estate is carried out according to "RA Law on Evaluation Procedure of Real Estate.
- (iii) The property shall be acquired upon the agreement between the acquirer and the owner of the property to be acquired. In this case, the provisions on the compensation price, form, procedure, deadlines, terms and obligations defined only by mutual agreement of the parties.
- (iv) If the acquisition contract is not signed within three months after its submission, the acquirer, is required to transfer the property acquired price to court's or notarial deposit account within a month by submitting a duly notice to the property owner and to the persons knowing to have ownership rights for the property. The compensation price shall be calculated no later than a week before transferring it to the deposit account.
- (v) If the acquisition contract is not signed within 7 days after the property compensation price is transferred to the deposit account then the acquirer is required to lodge an application with the court for claiming property acquisition within a month period. In this case there could only be considered the amount of the compensation at the court.

145. The law prescribes the rights and guarantees of the property owner to be acquired in public and state interests, stating that the property owner prior to its acquisition or state registration of the rights resulted from its acquisition, has the right to own, use, dispose and make only such improvements, which ensure the property use according to its purpose.

146. The Law prescribes certain limitations for the property to be acquired, which is the acquiring property description protocol preparation day in accordance with the procedure stipulated by the government. No compensation is provided for additional improvement (taking into account the guarantees stated by the Law) as well as any encumbrance or rights on the property to be acquired given or obtained by third parties if they were applied after the above mentioned day.

## **2. Asian Development Bank's Provisions on Involuntary Resettlement under the Safeguard Policy Statement**

147. The ADB Involuntary Resettlement safeguards under the SPS are based on the following principles:

- i. Involuntary resettlement is to be avoided or at least minimized.
- ii. Compensation/Rehabilitation provisions will ensure that APs' standard of living is enhanced or at least restored.
- iii. APs should be fully informed and consulted on LAR compensation options.

- iv. APs' socio-cultural institutions (such as libraries, community centers, cultural centers) should be supported/used as much as possible. They shall be involved at a maximum level.
- v. Compensation will be carried out with equal consideration of women and men.
- vi. Lack of legal title should not hinder compensation and/or rehabilitation.
- vii. The standards of living of the displaced poor and other vulnerable groups, including women, should be improved to at least national minimum standards.
- viii. LAR should be conceived and executed as a part of the project, and the full costs of compensation should be included in project's budget and calculations of costs and benefits.
- ix. Compensation and resettlement subsidies will be fully provided prior to clearance of right of way/ground leveling and construction.

### 3. Comparison of Armenian Legislation and Requirements of ADB Safeguard Policy Statement

148. Differences between Armenian laws/regulations and requirements of ADB's Safeguard Policy Statement (ADB SPS 2009) are outlined in Table E1 below.

**Table E1: Comparison of Resettlement Legal acts of RA on LAR and EIB safeguards policy**

| RA Legal Acts  | ADB SPS 2009  |
|--|---|
| 1. The law applies to natural and legal entities' as well as the community (hereafter 'owners') owned properties and all other properties (movable and immovable property, property rights, securities, etc.) (Hereinafter: 'property to be acquired') located, registered or recorded in the Republic of Armenia according to RA legislation and regulations. | 1. Lack of title should not prevent compensation and/or resettlement. Non-titled landowners shall receive compensation for developments made on land.<br><br>Displaced persons in a project area could be of three types: (i) persons with formal legal rights to land lost in its entirety or in part; (ii) persons who lost the land they occupy in its entirety or in part who have no formal legal rights to such land, but who have claims to such lands that are recognized or recognizable under national laws; and (iii) persons who lost the land they occupy in its entirety or in part who have neither formal legal rights nor recognized or recognizable claims to such land. The involuntary resettlement requirements apply to all three types of displaced persons. |
| 2. Compensation is provided only for state registered property: building, structures. No compensation is provided for illegal structures.  | 2. In accordance with the ADB SPS compensation is provided for non-registered structures at replacement cost.   |
| 3. No separate crop losses compensation is provided.   | 3. Crop losses compensation is provided to all APs at replacement cost  |
| 4. Property owners are entitled for an equivalent compensation for the acquired property plus 15% of its market value. The market value is the most probable market price of property, which could be determined by  | 4. The rate of property compensation is based on the replacement cost.  |

| RA Legal Acts  | ADB SPS 2009  |
|--|---|
| <p>an independent qualified property evaluator.</p> <p>If there is no open or competitive market for the expropriated property, the market value for the property is determined by a method, which would be assessed fair by court.</p>  |   |
| <p>5. The government decree on recognition of property as exclusive prevailing public interest, a copy of the description protocol of the property to be acquired, draft contract of the property to be acquired is sent to the property owner and persons possessing property rights. The property acquirer shall provide information on transferring the compensation into the court or notary deposit account. If the acquirer is conducting a preliminary survey on the property to be acquired, adequate information shall be provided to the property owner, the possessor and user on the nature and matter, legal consequences of those proceedings prior to its initiation.</p> | <p>5. A meaningful consultation at the beginning of and during the implementation of the project.</p> <p>Disclosure information on impact assessment/evaluation, compensation rights and financial aid to AP/AHs.</p>                       |
| <p>6. There are not considered rehabilitation measures for income and livelihood, compensation or resettlement costs for severely impacted people and vulnerable groups.</p>   | <p>6. The ADB safeguards policy requires rehabilitation for income/livelihood, resettlement support during the relocation as well as living improvements for the relocated poor population and other vulnerable groups including women.</p> |
| <p>7. Submission of applications, complaints, objections and suggestions to the acquirer and to the relevant authorities as well as filing a complaint to the court, during every stage of the aquisition process. According to the Article 18 of RA Civil Code, every person has a right to an effective remedy before courts and before state authorities.</p>   | <p>7. Establish mechanism for recording and resolving complaints for considering the affected persons' concerns and facilitating their remedy procedure.</p>  |
| <p>8. Those who have property rights on the acquiring property are compensated from the acquired property compensation amount.</p>   | <p>8. The compensation for acquired housing, land and other assets is calculated at full replacement costs. In applying this method of valuation, depreciation of structures and assets is not taken into account.</p>                      |
| <p>9. After the preparation day of the acquiring property description protocol no compensation is provided for additional improvement (except such improvements, which ensure the property use according to its purpose) as well as any encumbrance or rights on the property to be aquired given or obtained by third parties if they were applied after the above mentioned day.</p>   | <p>9. APs whose status is eligible for legalization or whose rights may be reinstated shall obtain legal status, and their losses will be fully compensated.</p>  |
| <p>10. The public utilities and other buildings and facilities in the right of way and/or safety zone of the state-owned publicly used roads shall be relocated and reconstructed by the means of their owner in case of</p>   | <p>10. All measures conducted to mitigate Project's negative impact on APs'/AHs' property and livelihood including support, relocation and restoration of damaged demolished infrastructures,</p>   |

| RA Legal Acts                          | ADB SPS 2009  |
|--|---|
| repair and reconstruction of the road. | buildings, structures are considered as resettlement. |

149. These are the principal differences between the Armenian legal norms and the ADB SPS regarding LAR requirements. There are no clear provisions on AP rehabilitation procedure in the RA regulations. Another issue is that ADB recognizes eligible for compensation or at least rehabilitation of both titled and non-titled property owners and registered and unregistered tenants. To redress these differences between the Armenian legislation and ADB SPS, this LARP is based on the requirements of appropriate laws and regulations of the Republic of Armenia, and ADB's SPS, ensuring compensation at full replacement cost of all items liable to affect and at least ensures rehabilitation of informal/non-titled settlers, unregistered implementers of entrepreneurial activity owners and potential affected people.

150. The application of This LARP combines the best international safeguards practices for sustainable and continual application of LAR-related principles, entitlements and procedures in similar rural road projects in Armenia by MTCIT. The LARP defines the main principles and procedures to be applied for the Land Acquisition and Resettlement (LAR) component of the whole Program, particularly: the comparison of Armenia's laws and regulations on LAR and ADB's SPS 2009; the LAR principles and entitlements; compensation entitlement within the project (including the valuation methods of affected assets and rehabilitation measures); public consultation and disclosure procedures; GRM mechanism, institutional arrangements; LARP implementation process; monitoring and evaluation indicators and other LAR-related principles and procedures to be followed by the Project in terms of LAR. The LARP also provides for rehabilitation special packages for those APs who will be relocated, as they are considered vulnerable or severely affected APs.

151. The property can be acquired in state and public needs within the scope of recognition of exclusive prevailing public interest. For this purpose, the GoA decree on Eminent Domain has been issued by RA government on 09.11.2017 which recognizes the affected properties as exclusive prevailing public interest to be acquired state and public need. It is expected that the GoA decree will come in force on 25.11.2017. Attempts would first be made to acquire the land of natural persons (private persons) through the negotiation with individuals affected persons. However, if negotiations fail, the expropriation process should start prescribed by law.

#### **4. Land Acquisition and Resettlement Framework Principles and Entitlements Adopted For The Project**

152. Based on Armenian laws and ADB's SPS 2009, core involuntary resettlement principles are developed for this Project which are as follows:

- (i) Land acquisition, and other involuntary resettlement impacts will be avoided or minimized by exploring all viable alternative project designs;
- (ii) Where unavoidable, a time-bound LARP will be prepared and APs will be assisted in improving or at least regaining their pre-program standard of living;
- (iii) Consultation with APs on compensation, disclosure of resettlement information to APs, and participation of APs in planning/implementing sub-projects, such as providing their views on design alternatives and participating in monitoring activities, will be ensured;
- (iv) Vulnerable and severely affected APs will be provided special assistance;
- (v) Non-titled APs (e.g., informal dwellers or squatters, APs without registration details) will receive a livelihood allowance in lieu of land compensation and will be fully compensated for the other losses other than land as defined by the Entitlement matrix of LARP;

- (vi) Legalizable APs will be legalized and fully compensated for land losses;
- (vii) Provisions will be made for income restoration and rehabilitation;
- (viii) The LARP will be disclosed to the APs in Armenian;
- (ix) Payment of compensation, resettlement assistance and rehabilitation measures will be fully provided to the APs prior to initiation of Physical Civil Works and actual taking of the land.
- (x) Appropriate redress mechanisms to solve APs grievances will be established.

## F. COMPENSATION ELIGIBILITY AND ENTITLEMENT

### 1. General

153. The LAR tasks under the Project will be implemented according to a compensation eligibility and entitlements framework in line with both the relevant legislation of The Republic of Armenia and ADB's SPS 2009. New vulnerability category has been defined under this LARP as "vulnerable residential relocates" with defined application conditions. An Entitlement Matrix, relevant to the impacts of the Project is provided below in Table F1.

**Table F1: Entitlement Matrix**

| Type of Loss   | Application  | Eligibility   | Compensation Entitlements   |
|--|--|---|---|
| <b>1. Land Loss</b>                                    | APs losing their owned property or a part of it regardless the impact amount | Owner   | Cash compensation at replacement cost, which is equivalent the assessed price of market value and cadastral rates (whichever is the highest) plus 15% or through an equivalent replacement land acceptable to the AP.   |
|  |  | Legalisable AP's  | In cases defined by legislation, the AP's may acquire ownership rights or apply the state registration of the present rights and to be compensated as owners.   |
|  |  | Leaseholders (lease of community or state property)   | In cases defined by legislation the leaseholders may acquire ownership right and to be compensated as the owner or he/she may be given an opportunity to hold a new lease in accordance with the agreement of the land owner (lessor).<br>In case it isn't possible, AP will receive compensation equal to "the market or cadastral cost of affected land (whichever the highest) +15% "in the following proportions according to the length of the lease: i) < 1 year 5%, 2) <15 years 14% ; 3) <25 years 20%; 4) >25 years 25%. |
|  |  | The leaseholder (leasing of natural persons and legal entities' property)                                       | Cash compensation for already paid but unused lease.  |
|  |  | Persons possessing other property rights (servitude, construction, loan, mortgage, use)                         | Compensation is provided to persons possessing property rights from the affected property compensation amount in accordance to the RA legislation.  |
|  |  | Non legalisable APs   | These APs will receive compensations only for the improvements made on the land according to this LARP.   |
| <b>2. Loss of residential buildings, structures</b>    |  | All the APs regardless the rights possessing for the structure (including legalisable and non-legalisable APs ) | Cash compensation cost + 15% for loss of building at full replacement cost free of depreciation/transaction costs and salvaged materials. Partial impacts will entail the compensation of the affected portion of the building plus repairs, in case if the further usage and maintenance of the non-affected portion of the building is technically possible.  |
|  |  | Relocated Leaseholders  | Cash refund of the unused rent already paid.  |
| <b>3. Loss of non-residential buildings structures</b> | Buildings, structures with state registration owned by APs                   | Owners  | Cash compensation + 15% for loss of building at full replacement cost free of depreciation and salvaged materials and decrement of transaction costs. Partial impacts will entail the compensation of the affected portion of the building plus repairs in case of the maintenance, if the use and the alienation of the non-affected portion of the buildings are legally possible.  |
|  | Illegal building on the land belonging to citizens or legal                  | APs constructed the illegal building, are the owners of the land.   | In case of the loss of the illegal building - cash compensation, with the amount of full replacement cost of the illegal building without 15% extra charge.   |

| Type of Loss                                       | Application   | Eligibility  | Compensation Entitlements   |
|--|---|--|---|
|  | entities with ownership rights of the property.                   |  |   |
|  | Illegal building on the land of the community or state ownership. | AP constructed the Illegal building  | Rehabilitation allowance will be provided to AP constructed the Illegal building on the land of the community or state ownership, with the amount equal to replacement cost of illegal building minus the legalization costs.   |
|  |   | Relocated Leaseholders   | Cash compensation for the unused lease already paid.  |
| <b>4. Public Property Loss</b>                     | Community or State property                                       | Community/State  | Compensation of the community owned land, property or reconstruction of affected community and state-owned structures or other property and restoration of their functions in agreement with community, state authority.  |
| <b>5. Crop Loss</b>                                | Standing crops affected   | All AHs who made improvements regardless their ownership and other property rights   | Crop compensation in cash at market value by default at gross crop value of expected harvest.   |
| <b>6. Tree and Harvest Loss</b>                    | Trees affected and expected harvest                               | All AHs who made improvements regardless of their land ownership and property rights                                       | Cash compensation at market value based on type, age and productive value of the trees.   |
| <b>7. Business (entrepreneurship) interruption</b> | Businesses (entrepreneurship) in the affected land                | All APs regardless the tax declaration   | <b>1) Businesses with a tax declaration</b><br>a) In case of permanent impact: cash compensation of 1 year net income.<br>b) in case of temporary impact: cash indemnity of net income for months of business suspension up to 1 year. State registration and license fees will also be compensated, if any.<br><b>2) Businesses without a tax declaration</b><br>a) In case of permanent impact: rehabilitation allowance based on the minimum monthly salary for 1 year;<br>b) In case of temporary impact: rehabilitation allowance based on the minimum monthly salary for the number of months of business stoppage up to a maximum of 1 year. |
| <b>8. Job Loss</b>                                 | Permanent job loss or forced downtime not by the employee's fault | Employees who have worked for affected business (company or Individual Entrepreneurship) by employment contract            | Cash compensation:<br>a) Permanent job loss: the employee will receive cash indemnity for 6 months average salary;<br>b) Temporary loss: the employee will receive cash indemnity for all months of business stoppage based on the average salary up to 6 months.   |
| <b>9. Allowances for Severe Impacts</b>            | AH to be relocated or losing 10% and more of agricultural land    | All severely affected APs/AHs including informal settlers  | a) Additional crop compensation covering 1 year yield (from affected land part) for APs affected by loss of 10% and more of agricultural land.<br>b) A rehabilitation allowance of 6 months at minimum salary to relocated AHs.   |
| <b>10. Relocation allowance</b>                    | Allowance for the transportation and livelihood expenses          | All relocated AHs including leaseholders   | Cash allowance to cover transportation and livelihood expenses for 1 month.   |
|  |   | All APs having movables on the affected land and building to be relocated regardless of existing formal rights to property | Cash allowance to cover transportation expenses.  |
| <b>11 Vulnerable People / AHs Allowances</b>       |   | AHs headed by women, or elderly, or disabled persons,, AHs living below the  | a) Cash allowance equivalent to 6 months of minimum salary and priority in project-related employment for forts 3 categories of vulnerable AHs.<br>b) Cash allowance equal to the difference of compensation cost calculated for their affected residential apartment between the market  |



| Type of Loss                              | Application  | Eligibility                               | Compensation Entitlements  |
|---|--|---|--|
|   |  | poverty line and residential relocate AHs | vaule of the minimum similar residential apartment based on the market conditions of the given region.   |
| <b>12. Temporary impacts</b>              |  | All APs/AHs who are temporarily affected  | Damages will be compensated in the case of temporary impact with replacement cost in accordance with the relevant entitlements defined by this LARP.   |
| <b>13. Unforeseen LAR impacts, if any</b> |  | Eligible APs/ AHs                         | MTCIT will consider the unforeseen resettlement impacts during project and will compensate and will provide rehabilitation allowance based on the provisions of this LARP, Armenian law and ADB's Safeguards Policy Statement. |
| <b>14. Compensations for improvements</b> | Other improvements, which are not included in this Entitlement Matrix but exist on the affected land (except of the moveable property) | APs who made Improvements                 | Cash compensation by replacement cost.   |

## 2. Eligibility

154. APs entitled to compensation and/or rehabilitation under the Project are:

- (i) Land owners, APs having property rights including the leaseholders, all APs deprived of the right to use the land or deprived of the opportunity to use it or those who de facto possess and use the land regardless of the rights registered on the land.
- (ii) APs owning buildings/structures, possessing property right including lessees, the constructors, de facto possessors and users of buildings/structures, constructors of illegal buildings/structures .
- (iii) The owners, APs having property rights of trees, yield, cultured plants or other property and improvements including, leaseholders and de facto possessors and users.
- (iv) All APs losing business (entrepreneurship), income and salary.

155. No compensation is given for additional improvements made after the date of drawing up of the acquisition property description protocols, which is the cut-off date, except the cases provided the by the Law and LARP.

156. Any encumbrance or rights toward the property to be acquired, given or obtained by third parties, compensation shall be given only in cases provided by the entitlement matrix, subject to the formalization and rights registration (legalization) of legalizable APs. In all other cases the mentioned rights are terminated without right to compensation.

157. Besides the compensation for the acquired property, the eligibility for compensation and additional allowance for other impacts provided by LARP is also limited by the deadline which is the date when description protocol is drawn up within the scope of every subproject and where the data of implemented census and detailed measurement survey are also recorded (hereafter: Cut-off date)., APs who inhabited affected areas or make any improvements there, after the Cut-off date will not be eligible for compensation and additional allowances. However they shall be given prior notice with request to vacate premises and demolish affected buildings/structures prior to project implementation. The materials of demolished buildings will not be confiscated and they will not pay any fine and no sanctions will be applied towards them.

## 3. Compensation Entitlements

158. Entitlements for APs losing land, houses, and income and rehabilitation subsidies will include provisions for permanent or temporary land losses, buildings/structures' losses, yield/ crops and

trees losses, a relocation subsidy, and a compensation for the stoppage of business (entrepreneurship) based on tax declarations or lump sums. These entitlements are as follows:

### **3.1. Land loss**

159. The land impact will be compensated at either: (i) in cash at replacement cost assessed at market or cadastral values (whichever is highest) plus a 15%, or (ii) through replacement land equal in value/productivity to the plot lost acceptable to the AP, in case of existence of equal land and in agreement of MTCIT.

160. Non-directly affected sections of a plot which become inaccessible or unviable for cultivation or any use after the impact will be included in the affected land, if the request of alienation by the AP was accepted by the acquirer according to the procedure established by the law. When more than 10% of an AP's agricultural plot is affected, AP (owners, leaseholder and land users) will get an additional allowance for severe impacts equal to the market cost of a year's gross yield of the land lost.

161. APs whose rights toward the affected land are eligible for formalization and state registration (hereinafter: legalization) will be formalized and after that their losses must be compensated as owners. APs who cannot be legalized or who use the affected land without the formal legal rights (unregistered user/informal tenant) will be compensated only for the improvements existing on the land.

162. Leaseholders on the community or state land will be legalized in cases provided by legislation and order compensated as full owners or will be given a new lease subject to availability of the land and consent of the owner (lessor). If this is not possible they will be compensated in cash at market or cadastral cost (whichever the higher) of the affected land plus a 15% allowance in proportion to the remaining years of lease as follows: a) < 1 year - 5% of land compensation cost; 2) < 15 years - 14% of land compensation cost; 3) < 25 years - 20% of land compensation cost; 4) 25 years and more- 25% of land compensation cost.

163. Leaseholders on lands of natural persons and legal entities' will be given cash compensation for the unused lease already paid.

### **3.2. Loss of residential buildings**

164. Residential Buildings and structures will be compensated to all APs regardless of the formal legal rights or legal status towards the building, structure in cash at replacement cost plus a 15%. Compensation will be free depreciation and salvaged materials and decrement of transaction costs of without state record and registration of building. In case of partial impacts and unwillingness of the owner to alienate building entirely, impacts will cover only the affected portion of a building and its full rehabilitation to previous use if it is technically possible.

165. Relocated leaseholders will be given cash compensation of the unused rent already paid. Relocated leaseholders will also be given all relocation and severe impacts allowances defined by LARP (see below).

### **3.3. Loss of Non-Residential Buildings**

- a) The Non-Residential Buildings/structures with state registration owned by APs will be compensated in cash at replacement cost plus 15% free of depreciation and salvaged materials and decrement of transaction costs.
- b) The illegal non-residential buildings/ structures (except of actually inhabited buildings) on the land belonging to citizens or legal entities with ownership rights of the property (land) the cash

compensation will be given to APs who constructed the illegal building (owner of the land) with the amount of full replacement cost of the illegal building (free of depreciation and salvaged materials and decrement of transaction costs) without 15% extra charge.

- c) The non-residential buildings/ structures on the land of the community or state ownership the rehabilitation allowance will be provided to AP constructed the illegal building on the land of the community or state ownership, with the amount equal to replacement cost of illegal building (free of depreciation and salvaged materials and decrement of transaction costs) minus the legalization costs.

166. The above mentioned in case of (a) and (b) doesn't deprive APs from the right of getting compensation or other support for any kind of loss or affect in accordance with the provisions of LAR. APs pay all the expenses including state and local fees and charges for the legalization of the illegal structures.

167. Partial impacts non- residential buildings/ structures to will entail the compensation of the affected portion of the building plus repairs in case of the maintenance, if the use and the alienation of the non-affected portion of the buildings are legally possible.

168. Relocated leaseholders will be given cash compensation for the unused portion of the already paid rent.

### **3.4. Loss of Public Property**

169. The community and state-owned buildings and public utilities must be replaced or recovered in such a way, as they could implement the functions having occurred before the Project.

### **3.5. Loss of Yield/Crops**

170. For the loss of yield/crops there will be provided cash compensation at current market values for the gross value of 1 year's yield to those APs (owners, leaseholders, factual land users) by the actions of whom, namely usage or cultivation of land this compensated yield/crops have been resulted from. The above-mentioned compensation provisions are not applied to compensation for the losses of trees and their yield.

### **3.6. Loss of Trees and yield**

171. Cash compensation will be given to the AHs (landowners, the leaseholders and the actual land users) for the trees and harvest losses at market value based on type, age and productivity of trees as follows:

- a) The community or state landowners will receive the entire compensation for the trees: 1) if the existing leaseholders are not entitled to compensation according to the sub point b) of this paragraph or; 2) if affected tree have been planted by the factual land user, as it is established by the sub point c).
- b) If the lands are overloaded by lease, the compensation for trees will be given to the leaseholder, if trees were planted by the leaseholder with the consent of the landowner.
- c) If the community or state lands are actually used without formal legal rights of APs, the entire compensation for trees will be provided to such land users with the consent of the landowner.
- d) The actual users of natural persons and legal entities' property will be compensated only to the extent of a year yield value.

### 3.7. Interruption of Business (entrepreneurship)

- a) *Compensation for loss of business with tax declaration* will be provided in case permanent and temporary stoppage of business (entrepreneurship), as follows:
- Permanent loss of business (entrepreneurship) will be compensated in cash equal to a 1-year net income based on tax declaration;
  - Temporary impact i.e. stoppage of business (entrepreneurship) will be compensated in cash equal to the monthly income based on tax declaration for the months of stoppage.
  - State registration and license fees will also be compensated, if any.
- b) *In absence of tax declaration* permanent and temporary losses business (entrepreneurship) the compensation will be made in the above mentioned way based on the minimum monthly salary.
- State registration and license fees will also be compensated, if any.

### 3.8. Job Loss

- a) Cash compensation based on extent of the average month salary for 6 months will be provided to the workers permanently losing their job and working at least for 2 months before the Cut-off date, and at the moment of the stoppage still working at the affected business (company/IE), if the employment contract is terminated as a result of permanent stoppage of business on the affected land.
- b) In case of temporary job loss (compulsory downtime) cash compensation will be given by the same principles based on the forced stoppage (downtime) of the working months.

### 3.9. Allowances for Severe Impacts

- a) Cash compensation is given for Project severe impacts causing economic displacement to those AHs (including the AHs as leaseholders and actual land users) in case 10% and more of their owned and/or cultivated agriculture land is affected and they receive benefits such as fruits, yield and crops by the result of land-use.

172. The calculation of the above mentioned allowance is based on the actual operational purpose of the lands regardless of the purpose stated in the cadastral files, state registration certificates and other documents certifying the right on land.

173. If the non-agricultural land is impacted 10 % and more but is used as agricultural and actually there are crops, yield on the land, then the latter is subject to compensation in accordance with the above mentioned principles without the requirement of legalization provision.

- b) AHs to be relocated (including the relocated leaseholders) will receive rehabilitation allowance for severe impacts equal to monthly minimum salary for 6 months.

### 3.10. Relocation Allowances

- a) *Relocation and livelihood expenses*: AHs to be relocated (including leaseholders) from their affected residences will receive relocation allowance for 1 month living expenses equal to monthly minimum salary as well as cash allowance to cover transport costs.

174. AHs who have not actually lived in the affected residence or residential building for at least three months before the cut-off date relocation in the affected house or residential building, will not receive relocation allowance.

- b) Expenses of the movable assets. All AHs having movable assets on the affected land or building, regardless of their existing rights towards the affected land or building, will receive cash allowance to cover transport costs for movable assets to be relocated.

### **3.11. Allowance to the Vulnerable People/AHs**

175. Vulnerable people (AHs below poverty line and households headed by women or elder or disabled persons) will be given a rehabilitation allowance equal to 6 months of minimum salary and priority in Project-related employment.

176. *Socially Vulnerable people/households are:*

- 1) Households which included family (s) who are registered in the family benefit system (vulnerability assessment system) and receive family allowances.
- 2) Households, headed by women, where there is no other adult of working age, except for elderly persons (people of old pension age), persons doing compulsory military service in the Armed Forces of RA, persons having disability of 1st or 2nd groups, and students up to 23 years full-time studying at educational institutions
- 3) Households, headed by elderly persons(people of old pension age), where there is no other person of working age, except for persons doing compulsory military service in the Armed Forces of RA, persons having disability of 1st or 2nd groups, and students up to 23 years studying full-time at educational institutions.
- 4) Households headed by persons with disability of 1st and 2nd group, where there is no other person of working age, except for persons doing compulsory military service in the Armed Forces of RA, persons having disability of 1st or 2nd groups, and students up to 23 years studying full-time at educational institutions.

177. "Vulnerable residential relocated AHs" will be given rehabilitation allowance equal to the difference of compensation cost calculated for their affected residential apartment between the market value of the minimum similar residential apartment based on the market conditions of the given region (in case when the compensation cost calculated for their affected residential apartment is not enough to restore the minimum similar residential apartment based on the market conditions of the given region). These must be determined by the evaluators based on market analysis and calculation.

### **3.12. Temporary impact**

178. Temporarily affected APs and /AHs will be given compensation for damages for the cases defined by RA legislation and incorporated in the Entitlement matrix of the project. The compensation provided to the temporarily affected APs and AHs will not include rehabilitation allowances. At the same time, the construction related damages to persons who are not LARP APs, will be addressed by the provision of environment management plan.

### **3.13. Unforeseen LAR impacts if any**

179. MTCIT will consider unforeseen LAR impacts during the project implementation and will compensate and/or will provide rehabilitation allowance based on the provisions in the entitlement matrix, after preparing a corrective action plan (CAP), if needed and with ADB's concurrence.

### **3.14. Compensations for Improvements**

180. The improvements, which are not included in the entitlement matrix but exist on the affected land (excluding the movable assets) will be compensated at replacement cost.

181.

#### 4. Assessment of Compensation Unit Values

182. Assessment of the real estate values was based on the procedure defined in the Law of the Republic of Armenia on Assessment of Real Estate, RA National Standard on Real Estate Valuation, Safeguard Policy Statement of ADB (SPS 2009) and on LARP requirements, in terms of which the agreed valuation methodology between ADB and RA government for compensation unit rates of different impacts is as follows:

- (i) **Agricultural and Non- Agricultural Land** will be valued at replacement cost, i. e. market or cadastral value (whichever is higher) plus 15%.
- (ii) **Houses/Buildings** will be valued at replacement rate based on construction type, materials cost, labour, transport/other construction costs. No deduction/decrement for depreciation/transaction costs or salvaged materials will be applied. If an AP does not wish to relocate, partial impacts may be paid only for the affected portion of the building, as well as for repairs of affected part, if this option is economically justified.
- (iii) **Annual Crops** will be valued based on average farm gate prices and average yields for the previous 3 years. In the eventuality that more than one-year compensation is due to the APs the crops after the first will be compensated at gross market value.
- (iv) **Trees (bushes)** will be valued according to different methodologies depending whether the tree (bush) lost is a productive or a not-productive tree (bush).
  - a) Not-productive trees (bushes): wood and decorative trees will be valued based on following groups (a. small trees; b. medium trees and c. big trees) based on the type of tree (bush) and the following valuation indicators such as: timber (firewood or construction wood) volume, height of the tree (bush), as well as other applicable indicators for the given tree (bush) to be determined by LARP.
  - b) Fruit/productive trees (bushes, vineyards) will be valued based on the planting age. The compensation for fruit/productive trees (bushes, vineyards) will be paid based on the investment value and as much as the market value of the given tree (bush) for 1 year multiplied by the number of years calculated from the planting date, but no more than the number of years needed to grow a new fully (industrial) productive tree (bush).

#### 5. Conditions for Expropriation

183. Property acquisition is performed in accordance with relevant procedures established by law. In particular, for public and state needs the property may be acquired a) in accordance with contract, b) by the transfer of compensation amount to the deposit account, c) via litigation.

184. The Property may be acquired under the contract entered into by the acquirer and the owner of acquired property. In this case the amount of compensation, terms conditions, procedures and liability of parties is determined by mutual agreement, that shall not contradict the terms of the resettlement principles adopted by this LARP or that shall not be less profitable for the APs than their entitlements. Persons with property rights known to the owner of the property shall also be party of the acquisition contract.

185. Under the Project this mode shall be preferred and MTCIT shall do its best to acquire the land via negotiations. In case of failure of negotiations and disagreement of APs in the case the statutory term of 3 month expired, the acquirer shall transfer the compensation amount for the acquired property to the deposit account of the court or of the notary public in the timeframes defined by the Law. APs may receive the compensation within 7 days. In this case (as well as in case of the reception of compensation from the deposit account until the judgment was rendered by court) the acquisition contract is considered as concluded. If the AP does not receive the

compensation amount from the deposit account within the statutory term the acquirer shall bring the compulsory property acquisition case to the court within one month.

186. Acquisition of land through expropriation proceedings entails lengthy procedures often may be resisted. Such an approach will thus be pursued under the Project only in extreme cases when negotiations between APs, the Acquirer and MTCIT fail and no alternative land is available to implement the Project. The acquirer shall not possess the acquired land until a) the acquirer's ownership right is registered toward the acquired property, b) the relevant judicial act enters into force in accordance with law and the acquired land is handed-over to the acquirer.

### **5.1. Expenses for Alienation**

187. The expenses occurred during the alienation of the property are implemented at the expense of the acquirer of the land and other real estate property. The probable expenses occurring during the alienation process are defined by this LARP. The acquirer compensates for the financial obligations (taxes, fines, mandatory payments) from the state or local government bodies occurred for the property owner in regard to the alienation.

## **6. Legalization Requirements**

188. All APs eligible (person who has the documents certifying his rights on acquired property, but who has not still registered his ownership right) for the acquired property shall register their ownership and other property rights related to the acquisition of the property in compliance with the procedure established by RA legislation on their own account.<sup>19</sup>

189. APs that have rights on acquired property recognized by the law, but have not ensured its proper formalization or state registration in accordance with law, are entitled either to acquire lawful rights towards the affected property and receive the compensation corresponding to their newly formalized (state registered) rights till the Acquisition contract conclusion or till the rendering of judicial act, in a result of legalization procedure.

190. Terms and conditions of the legalization procedure per rights of APs toward acquired property (lawful possessors of property, actual possessors of property with prescription, tenants, APs who has built illegal structures on private land etc.), MTCIT assistance forms and procedure are will be defined in the final LARP within the Legalization plan to be prepared and implemented during the LARP implementation. APs not eligible to acquire ownership or any other right toward acquired property or those that discretionally have not formalized and registered their right recognized by law toward property, will receive compensation and will benefit from the compensation entitlements for relevant impacts under the LARP as APs without legal status.

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<sup>19</sup> The legalization costs can be covered by the LARP budget, if such mechanism is defined in the final LARP based on the final impact and census data.

## G. PUBLIC CONSULTATION, PARTICIPATION, AND DISCLOSURE

191. This chapter describes the process of Public Consultation (hereinafter referred to as PC) and information disclosure processes with the affected communities and APs during the different stages of Project preparation. Thus, several rounds of consultations were conducted in the communities with APs:

- 1<sup>st</sup> round consultations (one meeting in Lori marzpetaran) in February 2016 during the draft LARP preparation stage,
- 2<sup>nd</sup> round consultations (meetings in affected communities) in July 2017 during the final LARP preparation stage prior the start of DMS and census surveys,
- 3<sup>rd</sup> round of consultations on individual basis face to face with APs on October-November 2017 during the implementation of DMS and census surveys.

### 1. Public Consultation

192. During the process of preparing the draft LARP for M6 project, the consultation meeting was held with representatives of regional and local community authorities held in Lori Marzpetaran office with participation of representatives of TPIO and ADB social safeguards and resettlement consultant in February 12, 2016. Representatives of all affected communities have participated in the meeting. During the consultation meeting, the aims of the project, stages of LAR process, as well as eligibility and entitlements were presented to the audience. Special information leaflet was distributed to the participants on LAR-related principles and procedures

193. Further, seven public consultations (PC) with the APs were held in Haghat, Neghoc, Alaverdi, Akhtala, Shnogh, Odzun, Aygehat communities during the preparation of the final LARP in July 2017. Besides the above-mentioned communities, heads of Aqori and Karkop communities also attended the public consultations as the only community lands are affected in these communities. The timetable of conducted consultations is presented below.

**Table G1. Schedule of Public Consultations for LARP Finalization**

| No | Community | Date of PC | Place of the PC |
|----|-----------|------------|-----------------|
| 1  | Haghat    | 05.07.2017 | Haghat          |
| 2  | Neghoc    | 05.07.2017 | Neghoc          |
| 3  | Aqori     | 06.07.2017 | Alaverdi        |
| 4  | Alaverdi  | 06.07.2017 |                 |
| 5  | Akhtala   | 06.07.2017 | Akhtala         |
| 6  | Shnogh    | 06.07.2017 | Shnogh          |
| 7  | Karkop    | 06.07.2017 |                 |
| 8  | Odzun     | 07.07.2017 | Odzun           |
| 9  | Aygehat   | 07.07.2017 | Aygehat         |

194. The announcement about the public consultations was officially sent to the heads of the affected communities, and they were further informed about it via telephone calls. Besides, the announcement was posted on the website and Facebook page of the "Transport Programs Implementation Organization" SNCO. The list of APs was sent to the heads of communities prior to the consultations to ensure the full participation of APs or their representatives. Based on the list of affected lot-codes, community administrations have identified land owners, lease holders, and non-registered users, and then informed all of them, including non-affected people of the community, about the day, time and place of public consultations. Special attention was paid to women and vulnerable APs to ensure their attendance. To encourage participation of women and vulnerable, community heads were specifically requested in ensuring their presence and participation in consultation; there were women in the consultation team to make the consultation session gender



friendly; and the team encouraged the women and vulnerable stakeholders to participate by asking their opinion and suggestions throughout the PC process.

195. The public consultations were attended by 69 APs, out of which 23 women and 46 men (the list of participants is attached to the minutes of the meeting presented in Appendix 5). As shown in the Table G2.

**Table G2. Gender Distribution of Participants**

| <b>Gender</b> | <b>Haghat</b> | <b>Neghoc</b> | <b>Alaverdi</b> | <b>Akhtala</b> | <b>Shnogh</b> | <b>Odzun</b> | <b>Aygehat</b> | <b>Total</b> |
|---------------|---------------|---------------|-----------------|----------------|---------------|--------------|----------------|--------------|
| Male          | 7             | 7             | 10              | 1              | 15            | 3            | 3              | <b>46</b>    |
| Female        | 2             | 1             | 8               | 6              | 4             | 0            | 2              | <b>23</b>    |
| <b>Total</b>  | <b>9</b>      | <b>8</b>      | <b>18</b>       | <b>7</b>       | <b>19</b>     | <b>3</b>     | <b>5</b>       | <b>69</b>    |

196. Presentations were made on the project background and LAR stages, particularly: recognition of the prevailing public interest, conducting of DMS, census and SES, preparing and signing description protocols of affected assets and existing damages in case of temporary impact on the land plots, preparation and approval of the LARP by the RA Government and the ADB, implementation of the LARP and signing of compensation contracts and agreements. Besides, the APs were informed about compensation eligibility and entitlements, methodology of evaluation of the assets by types of losses, grievance redress mechanism, namely: the functions and jurisdiction of the bodies responsible for examination of the complaint, forms and ways of complaint submission, terms set for examination of complaints and responding to them. The key issues discussed during PCs in the all communities were presented in the Table G3.

197. All attendees of the public consultations were provided with Project information leaflets that contained information about the stages of LAR, entitlement matrix, grievance redress mechanisms, and contact details of the representatives of Project executives.

198. After conducting the PCs, the DMS, assets inventory and census/SES surveys started. Taking into account the fact, that during the PC carried out in communities, the part of owners and users couldn't be identified and informed by the community administration, and individual consultations have been carried out face to face with APs during the DMS, assets inventory and census surveys.

**Table G3. Questions and Answers by Communities**

| Questions <sup>20</sup> |   | Answers   |
|-------------------------|---|---|
| N                       | Akhtala   |   |
| 1                       | F.-What are the principles of inviting participants of the discussion?  | Today's lists, based on which the participants of the discussion were invited, were made on the basis of cadastral data, that is, the road design was superimposed on the cadastral map and it was observed whose properties are subject to acquisition and correspondingly the holders are invited. And since the cadastral map has deviations in the area and it is quite possible that the list is incorrect and some people are invited whose property is not located in the affected area, their property will not be touched and vice versa. Therefore, correction of the lists is planned to implement on the basis of the information obtained through actual measurement survey. |
| 2                       | F.- Is it possible that agreement is not reached when signing the description protocol?   | Yes, it's possible. For example, there may be a disagreement over tree types, information on which is subject to additional verification. The protocol could not be signed because of disagreement over various issues: e.g. it contains inaccurate information or, in a global sense, a person can say that the road design is not acceptable to him/her at all. If a person's complaint does not refer to the actual information contained in the protocol, but is general, an additional reference is issued where the person indicates why he refuses to sign the protocol.   |
| 3                       | F.-Suppose I do not want my wall to be demolished, how will my wish be taken into account?  | First of all, information about the owners of land in the affected area is identified, based on which the RA Government adopts decree on Eminent Domain. Based on this decree the state recognizes all land plots needed for the project as an exclusive public interest. This decree gives a person an opportunity to file a lawsuit and state a disagreement for which the necessary justifications are needed, and the acquirer in his turn justifies the necessity of using the land.   |
| 4                       | F.- Well, the court may decide that it is necessary to acquire the property, but I do not agree.  | Your disagreement must be supported by a valid argument. The construction of the road has a public significance, hence, one's interest is subordinated to the public interest, and the concept of exclusive public interest is the basis of the acquisition of the property.  |
| 5                       | M.- If the land is needed for the construction of the road and a person, for example, has a garage, or access road (for a vehicle) to the yard which is subject to acquisition, then how will the same area be recovered? | GoA decree on Eminent Domain is the basis for acquisition of the property. Moreover, if a person's land is recognized as an exclusive public interest, then a notification is immediately sent to that person by post with relevant information leaflet attached to it on the details of acquisition and compensation procedures.   |
| 6                       | F.- And if he/she is a pensioner and can not see the information/data or mistakes contained in the  | Specialists read, present and explain, after which the protocols are signed. However, the attention of the residents is very important.   |

<sup>20</sup> F-female, M-Male

|    |  |  |
|----|--|--|
|    | protocol, what should be done in that case?  |  |
| 7  | M.- If I sign the protocol, does it mean that I agree that these works will be carried out?  | Generally, yes. But the importance of signing the protocol is that everything described there is correct and can serve as a basis for calculating the cost of compensation.  |
| 8  | F.- Are the registered people somehow connected with the acquisition?  | No. Compensation for acquisition is given only to those who are the legal owners of the property and have ownership certificates. But according to the Asian Development Bank's policy, land user also receives compensation for their improvements, including for improvements made by the users.   |
| 9  | F. – They will cut the trees and go. What will the villager do?  | The affected trees will be compensated by the Project and only after be cut. Assessment mechanisms for trees and crops are different. For example, 4 years old apple tree will be compensated for 4 years' yield value, i.e for the years needed for a person to plant a new apple tree and get harvest as already described.  |
| 10 | M.- Assume that for the widening of the road, it is necessary to cut and take one meter which may cause damages to the building. Who is responsible for restoration works?               | In case of partial impact, the whole building is acquired, but if the holder wishes to provide a part and to restore and use the rest, engineer evaluates the use of the latter from the point of view of safety and compensates the costs of repair, otherwise it will be acquired and compensated totally.   |
| 11 | M. – What solutions do you propose if you permanently close the road? For example, according to the Design, the road used by me when driving my car is out, how shall we enter the yard? | Your case will be examined by specialists immediately. If there are buildings that currently have legal access, the Project must restore the same legal access. It is possible that another access is envisaged by the Project, which will be repaired and handed over to the owner.   |
| 12 | F.- Will the width of 9 m be provided for the road? I want to understand what is the probability that our area will be affected.   | It seems that not everywhere it is possible to provide this width. All cases will be examined separately during the measurement survey.  |
| 13 | M.- If the road is built and asphalted, but underneath there is a water pipe. How is this problem resolved?  | Besides the construction, the Project also envisages the relocation of all utilities, i.e. all infrastructures that hinder the road construction will be relocated.  |
| 14 | F.- How long is it planned to carry out these works?   | It is planned to start the measurements, surveys in about 15 days. It is necessary to work efficiently in order to start construction soon. However, there are some obstacles that affect the speed of the process, for example, the absence of people. If someone is going to leave for somewhere, the transactions can be executed with a power of attorney, the form of which will be provided. |
| 15 | F.- I am interested in the duration of organization and implementation of the works.   | The lands subject to acquisition probably will be identified in the coming month. Proper notifications will be sent to the property owners/holders by post.  |
| 16 | F.-Have our documents already been collected?  | The works are planned to begin after informing the residents in order to be understandable who and for what purpose gets and fixes information.  |
| 17 | M.- Will the buildings be demolished by you?   | The buildings will be demolished after the acquisition and compensation process, which is followed by construction stage by the Contractor.  |

|                        |  |  |
|------------------------|--|--|
| 18                     | M.- In fact, nobody has the right to demolish my building before I sign the protocol, isn't it?  | The construction can not start until the acquisition and compensation are completed, which are carried out on the basis of the signed contracts and court judgments.   |
| 19                     | F. – Will the layout be given to us or not?  | Of course, the layout will be provided. A separate layout will be developed for each land, where the land is shown with its structures and the part to be acquired. The description of the affected part is also written on it. In case the land is recognized as an exclusive public interest, a notification is immediately sent to the owner/user with the layout attached to it. The law allows a person to claim for complete acquisition of the land, but it is possible in two cases: 1) when the remaining part is much smaller compared to the part which will be acquired; 2) when the remaining part can not be used for its functional or economic purposes. Such request should be supported with relevant justifications. Such applications will be examined within 15 days and decisions will be provided. The person has the right to submit the claim within two months after receipt of the decree on eminent domain, and in case of delay such applications are not subject to examination according to the law. Everything will be presented in detail in the information leaflet attached to the notification letter. |
| <b>Alaverdi, Aqori</b> |  |  |
| 20                     | M.-Should our wall be dismantled by 3-4 meters?  | A survey will be conducted to find out what will be dismantled, how much will be dismantled etc.. Some special cases might be observed by engineer, but it's necessary to examine and record the actual information. Based on the Design it's determined which part will be affected.  |
| 21                     | F.-Why can't you say now what will be acquired?  | Now it is impossible to say exactly. It is possible to look at the map and determine if the given land plot should be used for the road construction. But the results of experts' measurements and observation might be different and some deviations may occur. Consequently, it will be possible to provide accurate information to the owner or user of the land after survey and data recording are done.  |
| 22                     | M.-How long will it take to know everything clearly?   | It is planned to start measurment works in the coming 10 days, which can be completed within a month. After that, each case will be addressed separately.  |
| 23                     | M.- I have works to do, but I have to stop them and wait for a month. It is possible that I am doing useless work.                       | There is a cut off date to be defined under the Project which means that no compensation will be given for any additional improvement made after the cut-off date. It is the date of signing of the affected property/assets description protocols. If repair works are done at that moment, compensation will also be provided for repair works, and the costs incurred after that date are not subject to compensation.<br>As for the activities related to land, the specialists will try to examin that area first and to identify the possibility it will be affected. Consequently, you will decide how appropriate it is to continue or terminate your work in that area.   |
| 24                     | M.- When talking about restoration or reconstruction, I understand that the building will be built somewhere else. Who will provide this | Within the framework of the project, cash compensation in replacement cost is envisaged for the property. With the received amount you can buy a building in the center of Alaverdi.   |

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|          | other place? If the cost of the building is provided, where can a person build that building? Maybe we want a house in the center of Alaverdi.   |   |
| 25       | M.- Assume a person has a building in the centre, which will be used for business purposes. And it is possible that the road has been built one meter away from the building and the access is hindered, how will the problem be solved? | It's not a case, as all business/commercial buildings which had legal accesses before construction of the road, will be again provided with legal accesses. So, the existence of any obstacle is excluded. It will be provided under the Project design.  |
| 26       | M.- Suppose that business activities are carried out in the yard of the building, and if the yard is acquired without building for purposes of the road, then the building loses its significance. What shall we do?                     | In case land, building, other properties lose their targeted significance, there are certain norms which are considered within the framework of the Project.  |
| 27       | M.-Will there be any complications related to the determination of functional significance of the property and whether they will not try to convince us?   | Within 15 days the acquirer should consider the application and arguments submitted by the owner.   |
| 28       | F.-We have a garage and an orchard. I do not know how the road will pass, but I irrigate my land with water from the road. There are a lot of such lands and if the construction works last one or two years, all the lands will dry up. | In addition to main construction, the Project envisages restoration of all infrastructures located near the road. The relocation will be done in a way that the utilities are operating until the relocation moment.  |
| 29       | F.-It's not the first case. Once the roads were cleaned and our irrigation water was not provided. Men living in the area made it with their own resources. Nobody helped us. The same will be in this case.                             | Under the Project everything should be done to solve the problem.   |
| 30       | M.-My ownership certificate is old. What should I do?  | The existence/availability of necessary documents will be studied and a decision will be made. For example, if the certificate is old or missing, the Project supports people to ensure that the documents are adequately maintained. In order to provide information on the final list of necessary documents, an appropriate examination is required. |
| <b>N</b> | <b>Aygehat</b>   |   |
| 1        | M. – I am not the owner of the land and the building. The owner is my father.  | In the near future it is envisaged to conduct an assessment to determine which part of the land is affected or whether the building is subject to acquisition, as well as the owners of properties.   |
| 2        | M. – What shall we do, if the owners are not   | If it's not possible to identify the owners, the court proceeding is initiated that lasts a little longer.  |

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|          | identified?   |   |
| 3        | M. – How much is it envisaged to widen the road on both sides?  | In different parts, widening may be different, it's not fixed. The minimum width is 8.20 meters, but the width generally depends on the specifications of the area/location.  |
| <b>N</b> | <b>Haghpat</b>  |   |
| 1        | M. – What is the width of the road?   | Usually, the width of the road to be constructed is fixed, but as it is a rehabilitation of an existing road, so it depends on the location. For example, the existence of the river is an obstacle for the construction of a road with envisaged width. There is a minimum width, but it varies in different places.   |
| 2        | M. – When will the works start?   | It is necessary to conduct all the surveys, measurements, provide compensations, and only then the construction will be commenced.  |
| 3        | M. – How long will the Project last?  | The Project has a deadline, but various factors may influence the process by slowing or accelerating the work. For example, in the absence of any owner, it is not possible to sign a contract and as a result various procedures arise, which are time-consuming and can hamper the commencement of construction works. However, it is envisaged to implement the Project in the shortest terms possible.  |
| 4        | M. – Is it possible that the road will be closed due to the construction works?   | It is planned to change conditions for the traffic in order not to stop it completely. The road will be closed in the worst case, driving conditions are always provided.   |
| 5        | M. – Hotels may suffer due to the construction, fewer tourists start to visit. When the road will be destroyed, tourist buses can not travel any more.  | Construction works should be organized in such a way to minimize the impacts. In case of indirect impacts certain mitigation measures will be implemented (traffic management plan, alternative roads etc.).<br>The seasonal factor is taken into consideration when organizing the construction works.   |
| 6        | M. – In Haghpat community I have rented 1 ha land for 25 years and it will cost about 2 mln AMD to privatize it. I have already paid for 5 years. So, what to do – to leave it rented or to privatize it? | It is very important how much is acquired? It is necessary to take into consideration the expediency of privatization, that is, if a small part is acquired, then it is not expedient to privatize it. Specialists can calculate and advise on this matter.   |
| 7        | M. – In this area I have land plots, both privatized and rented. Is there a design on the basis of which I can understand which part of my property is being affected?                                    | Property valuation works will be carried out based on which the land plots subject to acquisition will be identified and protocols will be prepared. The Design will be approved by the GoA and Asian Development Bank. After that, a notice will be sent to the owners, with layouts of the affected parts attached to it, and acquisition and compensation process will start.<br>So, after corrections you can get clear information about both the affected areas and the amount of compensation. |
| 8        | M. – How is the compensation provided, if the land is leased from the community?  | Compensation for land is received by the community, and leaseholder receives market value + some % for depending from the years of lease remained.  |
| 9        | M. – Is there any compensation envisaged for relocation of structures?  | Cash compensation in replacement cost is provided and the owner can do it on his/her own. In addition, in case of damages to property during construction, the property will be restored to its   |

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|          |  | former condition.  |
| 10       | M. – If people need advice, who can they apply to for more profitable compensation? - You, advocates or others?  | For example, if people have problems related to documents, protection of their rights, legal support is provided under the Project. And compensations are provided according to the legislation and land acquisition plan.   |
| 11       | M. – I recommend to organize the next public consultation before commencement of activities and to invite more people in order the works will be implemented faster.   | In the near future, individual meetings are planned with each owner/user to collect data and have discussions.   |
| 12       | M. – When will the works start?  | After surveys a plan will be developed where complete and detailed information on impacts will be provided. The terms of the work also depend on the timeframe of the Government decision-making on Eminent Domain.  |
| 13       | M. – Wasn't it possible to start this work two years ago?  | In order the process could started two years ago, it was needed to have relevant decrees.  |
| <b>N</b> | <b>Neghots</b>   |  |
| 1        | M.- Being familiar with the area, I can say that it is possible to do so that not many properties are acquired and consequently to have little impact. For example, it is necessary to acquire 2 meters from my land, but I see that it is possible to take 4 meters from another place and leave my part. | In addition to the road design, one of the main objectives of the designers is to avoid impact as much as possible, but sometimes for some technical reasons it has not been fully minimized. At the end of the meeting, each case will be separately addressed to understand in which cases it is possible to minimize the impact. In some cases it is not possible to make changes as it will require changes also in the overall design. However, there may be cases when they can be changed after examination and actual measurement. |
| 2        | M.-The main lands are located between the river and the road, and agricultural works are mainly carried out near the road.   | The use of lands will be clarified through the measurement and inventory survey.   |
| 3        | M.- Where can we get the final affected land codes?  | The affected land codes are not clarified yet and for this purpose measurement works will be implemented, which will enable to understand which lands are subject to acquisition. They will be compared with cadastral lists and discrepancies will be identified, corrections will be made based on which the final list will be developed. This will be followed by other works, such as census and inventory surveys etc.   |
| 4        | M.- There are five names in the ownership certificate. Three out of five persons are in Russia, and their signature is required for acquisition. How is this issue resolved?   | Very often an agreement is reached, but suddenly problems occur in the documentation stage. Absent owners are requested to issue a power of attorney to carry out the transaction. In the absence of a power of attorney, the process comes to a deadlock. According to the procedure, the acquisition contract should be presented to all owners, otherwise the court proceeding must be initiated.   |

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| 5  | M.- How do we know who the owners are?   | In case the acquisition contract is available, they are sent to the owners. The contract must be concluded within three months, and if the acquisition process does not commence due to the breach of the term, the issue is submitted to the court for judicial settlement.   |
| 6  | M. – If the owner does not agree, what happens?  | In that case expropriation procedure is initiated. In this process the main function of the court is to make a decision on the subject of disagreement on compensation. If the court determines that the amount of compensation is calculated incorrectly, it will be updated based on that decision.  |
| 7  | M. –Is the amount compensated individually, in case of co-ownership?                         | The amount is calculated in total, but compensation is provided to the co-owners as they prefer: if agreed with everyone, the total amount can be transferred to the bank account of one of the co-owners or individually - to their personal accounts. The accounts necessary for compensation are opened within the framework of the Project if the owners do not have their accounts.   |
| 8  | M.- If one of the co-owners receives social welfare payment, then how is it calculated?      | The household is considered as vulnerable and calculations are done correspondingly as already presented.  |
| 9  | M.- When will the construction commence?   | After effective completion of the acquisition and compensation process.  |
| 10 | M.- Will the road be closed during the work?   | During construction, everything is done to minimize any inconvenience that it may cause. In case the road is closed, there are two options that can be applied: 1) there should be an alternative road; 2) the road should be closed for very short period. In exceptional cases, the road is completely closed, for example, in case of tunnels. Here there is no such problem and it is possible, for example, to implement works on the right side of the road, and to provide the traffic flow along the left side, especially in the absence of an alternative road. This will be regulated by traffic management plan of the Contractor. |
| 11 | M. – Will the other section of the road have been completed by 2019?                         | The other section will be completed earlier, as the pavement works have already been started, but this section is not planned yet.   |
| 12 | M. –Is it planned to start this section in 2018.   | It's planned that acquisition process will have been implemented by the end of 2017 or beginning of 2018. However, as it will be winter, some difficulties may occur.  |
| 13 | M. –The main water line is currently on the side of the road. How will this issue be solved? | The Project implementation includes relocation of all adjacent infrastructures/utilities as well as their restoration. The road will not be only widened from both sides (right and left) but in some sections it will be raised and lowered so that the slope of the road will correspond to certain standards. In Vanadzor-Tumanyan section (raised and lowered section) some excavation works were redone not to leave the pipe out.  |
| 14 | M.-Is the width of the road the same here?   | Approximately it is maintained 7 m, but there are places that it can not be provided, as there is a river on one side and a mountain on the other.   |
| 15 | M.-How wide is it at the moment?   | There are places which are widened more and consequently a sidewalk may be added.  |
| 16 | M.-How wide is the sidewalk?   | It is constructed 1 m in Pambak. Detailed information on the Design will be provided after survey and measurement works.   |
| 17 | M.-Will the experts meet us?   | All specialists, experts will inform you on the planned visit and make arrangements in advance. It's   |



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|    |   | very important that all the owners/users will be present, as the information contained in the description protocol should be collected together with the owner to avoid inaccuracies and disagreements.  |
| 18 | M. – In Vanadzor section there are a lot of potholes which damage vehicles and cause accidents. Isn't it possible to implement pothole patching works, as it is a serious problem for unfamiliar drivers, especially after rain when the potholes become invisible. | Although this issue is not directly related to our responsibilities, however, all the issues raised by the participants during the public consultations are recorded for further investigation.  |
| 19 | M.-Due to the construction works traffic flow has stopped along this road, and I have to close my car wash. I wonder when the calculations will be done to receive compensation?.   | Approximately in 10 days the specialists will start the measurement works, as it is divided into sections and that schedule is provided for that section. Based on the measurements, the cadastral map corrections will be made and affected land plots, buildings, property, as well as business impacts etc., as well as owners and users will be identified. After preparing the list, it is planned to conduct interviews with the owners to get the necessary socio-economic data. Agronomists will be included as well. After completion of survey, acquisition and compensation will be implemented and then construction will start. |
| 20 | M.-My employee (working for 5 years), left the job last month. Will it be considered when compensating?   | Compensations are provided on the basis of the signed protocol containing the information received through the survey being carried out at the moment, and the previously existing information is not fixed.   |
| 21 | M.-The employee left because of the road.   | The problem is that it's difficult to determine when and why exactly this person left, one or two months ago.  |
| 22 | M.- It's registered when the employee left.   | But the question related to the objective reasons for leaving may occur. Also, the issue raised by you has no direct impact on the land. In case of indirect impacts, the Project does not envisage compensation, but certain mitigation measures may be taken to minimize those impacts.  |
| 23 | M.-May be we have planted a tree on the roadside. Is it subject to compensation?  | Under the Project compensation is provided for 3 groups of people: 1) owners, 2) leaseholders and 3) legalizable or non-legalizable persons, who use the land without formal legal rights. For the people of the last group it is envisaged to provide compensation for the improvements they have made on the affected land, but a community reference is needed with confirmation of the fact of usage.  |
| 24 | M. – Who gets the compensation for the land, if the owner is a community? For example, for a natural forest that belongs to the community.  | Compensation for the land is paid to the community. The project also includes the assessment of environmental impacts. Relevant measures are envisaged for the protection of the community environment. For example, in case a tree is cut, and it is not compensated, but again planted for example with 1:10 ratio.  |
| 25 | M. – And how is the tree compensation calculated?   | The tree is assessed based on the type and productivity, for example, 6 years old apple tree, 10 years old apricot etc., which will be assessed by the agronomist with direct involvement of the owner. The tree is also assessed according to its foliage, which means that 10 years old tree may not meet  |

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|          |   | the standards and the agronomist must fix it as 6 years old. This is done in order to assess the yield. Then it is calculated how many years are needed for a tree to become productive, and the number of years is multiplied by the volume of yield and average market value of the yield. The data on the yield average value are provided by the State Statistical Service of the Republic of Armenia. Compensation is calculated for decorative, wood trees as well, for which there is a special methodology as presented.   |
| 26       | M.-May be there are several trees on my land plot, but I have spent money to build a retaining wall. Will it be compensated?            | Improvements made on the land plots, including the retaining wall, will be compensated. Even in case of improvements made on community land, the community provides a relevant reference and compensation is paid to the person who has made the improvements.   |
| 27       | M.-When shall we get the detailed information?  | In case of smooth implementation of all procedures, it is possible to provide information to owners within a month.  |
| <b>N</b> | <b>Odzun</b>  |  |
| 1        | M. – We have a production in our residential area. Is that subject to acquisition?  | The actual survey will reveal the affected part and the property to be acquired. It is possible to acquire only some part of the land, but the building will remain.   |
| 2        | M. – We cut the trees and made a platform (square) on that land. Is it subject to compensation?   | It is improvement which is compensated for enough money so that it will be possible to make the same improvement somewhere else.   |
| 3        | M. – If business activity is not registered in the tax system, how is the compensation calculated?                                      | If the business operates illegally, i.e. there is no tax declaration, the compensation is calculated based on the minimum salary. In case of permanent impact on business, the compensation will be provided for 1 year, in case of temporary impact, for the period of business stoppage.   |
| 4        | M. – Is household considered to be people living under the same roof?   | Household is understood to be people living with the common budget.  |
| 5        | M. – So, we understand that our disagreement and complaints will be raised mainly after the measurements. What could it be before that? | All owners are informed in advance of their rights, so they can take the appropriate measures in case of disagreement that may occur further. Perhaps there is a disagreement or an agreement has been reached over the compensation amount, however, problems with the documentation can emerge.  |
| <b>N</b> | <b>Shnogh</b>   |  |
| 1        | M.- If the person agrees that the territory will be acquired, then why is eminent domain recognized?                                    | The state can not buy land for any purpose, that is, there are certain provisions under which only the state can buy land.<br>The basis for acquiring the area is the GoA decree on Eminent Domain.  |
| 2        | M. – In determining the compensation cost, who will determine the market value and on what principles?                                  | Evaluation criteria are defined in accordance with the law on real estate. Additionally, there is a real estate valuation standard which provides a more detailed description of how assessment works should be carried out. Information on sales prices of similar lands, property etc. at the moment is also used for the assessment. Cadastral data are also taken into account from which repeated versions are separated which is called “typical value” (average).<br>On the basis of these, licensed evaluator assess and calculate the cost of compensation according to |

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|   |  | the project provisions.  |
| 3 | M. – Isn't it possible that the versions that are left out from cadastral values would be real?  | It is possible, but its probability is low. It's also possible that data on the land plots located on the edge of the street are not available, instead the data on the plots located a little inside could be found. Surely, those located on the edge of the street are more expensive and then the valuator uses the adjusting coefficients.  |
| 4 | M. – What is the envisaged width of the road?  | The width is not standard because of location peculiarities.   |
| 5 | M. - Are all the roads under the control of the RA Ministry of Transport, Communication and Information Technologies? The problem is that cadastral measurements were made in 2002 and there are inaccuracies. I am now facing the fact that access to my house will be closed and I have just been informed about it. | The interstate roads are under the control of the RA Ministry of Transport, Communication and Information Technologies.<br>It is possible that there are discrepancies between cadastral data and the current situation, and that is why it is envisaged to conduct a survey, make measurements, and only then the property will be acquired and compensated. The presence of owners is also required during the works, so that everything will be clear and understandable. |

## **2. Disclosure of LAR-Related Documents**

199. The final LARP will be disclosed on the ADB website after approval. It will be translated into Armenian and published on the MTCIT's and TPIO's websites. A copy of the final LARP will also be available at the offices of the regional authorities and the offices of the local authorities in the affected communities.

200. A final LARP Information Pamphlet providing a summary of the impacts, implementation arrangements, the LARP compensation policy and grievance redress mechanism will be distributed to all APs after the approval of the Final LARP during the LARP implementation stage.

201. As soon as RA Government approves the LARP and after the GoA decree on Eminent Domain comes into force, TPIO will initiate the following notification procedures in accordance with the Law:

- i. Notification letters will be sent to APs about the adoption of the GoA decree on Eminent Domain with attached plan of the land with indication of affected part,
- ii. One copy of signed (or not signed) property description protocol will be sent to APs.
- iii. The draft contracts/notifications about compensation amount will be sent to APs. APs will have to incorporate their bank account numbers in the draft contracts, verify the details in it, as well as present his/her suggestions and/or objections within 2 weeks after receiving the draft contract<sup>21</sup>. Based on the additional information updated in the draft contract by APs, the TPIO will update and finalize the final contracts.

202. With all notification letters special information leaflets will be sent to APs with description of their rights, obligations and procedures for that particular implementation stage.

203. The TPIO will share the final contract with APs and get it signed by APs through notary for disbursement of compensation. TPIO should sign a final contract with AP within 3 months after dissemination of the draft contract; otherwise, the expropriation procedure will be initiated by TPIO in accordance with the Law.

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<sup>21</sup>See the Article 10 of RA Law on "The Alienation of Property for Public and State Needs" (2006)

## **H. INSTITUTIONAL ARRANGEMENTS**

204. The Ministry of Transport, Communications and Information Technologies (MTCIT) is the Executing Agency (EA) and Transport Projects Implementation Organization SNCO (TPIO) is the Implementing Agency (IA) for the Program. The TPIO has a Social Impact Management Service consists of three specialists, as well as a Legal unit (hereafter Resettlement Coordination Team (RCT):

- (i) Head of Social Impact Management Service
- (ii) Social Development and Resettlement Specialist,
- (iii) Senior Lawyer Claim and Dispute Management Specialist
- (iv) Environmental and Social Specialist,

205. The RCT in TPIO is adequately staffed to implement the LARP. Besides, the Social Safeguards Support Consultant (SSSC) has been mobilized by TPIO for the preparation and implementation of LARP. The SSSC with direct coordination of RCT will implement the LARP based on the policy and procedures set out in the LARP.. The compensation/rehabilitation tasks described in the LARP have distinct processes, dynamics, and involvement of different actors.

206. Several other Government agencies also play important roles in the LARP implementation process. The State Committee of Real Estate Cadaster of Government of Armenia and its Regional Offices are responsible for providing information about the status of real estate ownership and registration of ownership. Local government administrations will be closely involved in the process for smooth execution of LARP. The role of some of the key actors is detailed below.

### **1. MTCIT/TPIO**

207. MTCIT has overall responsibility for the Program. This includes preparation, implementation and financing of all LAR tasks and cross-agency coordination and linkages. The MTCIT exercises its functions through the TPIO. The TPIO is responsible for planning and implementation of all LAR tasks (refer table H1 for detailed activities).

208. The SSSC recruited by TPIO consists of the following specialists: team leader, lawyers, Sociologists/social development specialists, Field work implementers and a database specialist, to carry out LARP implementation activities. The SSSC will start the LARP implementation as soon as the EIB and MTCIT approve the LARP. The main tasks for the SSSC are detailed out in table H1.

### **2. Local Self Government**

209. The community authorities provided information on APs and the project will continue to seek their support during LARP implementation. They supported the social surveys, land measurements and in identifying types of land. They also helped in organizing communities and APs for consultations. They will assist in the resolution of complaints and grievances and participate in other issues as required. Although the compensations will be directly credited to the Bank accounts of the APs, support from local authorities will be required in informing APs on the disbursements.

### **3. Asian Development Bank**

210. ADB will periodically review the Project and LARP implementation through the LARP

implementation Completion Reports prepared by EMIC and will provide clearance to initiation of civil works.

#### 4. Other Ministries, Organizations and Institutions

211. Several other institutions have participated and will participate in the preparation and implementation of LAR tasks. These are:

- (i) **Ministry of Finance:** The Ministry of Finance will provide the budgets for the implementation of the LARP to MTCIT based on LARP budget<sup>22</sup>.
- (ii) **State Committee of Real Estate Cadaster** of the Republic of Armenia is responsible for providing information about the status of real estate ownership, and is in-charge of the state registration of land ownership.
- (iii) **Local Courts:** For cases of expropriation MTCIT will have to rely on the Marz court for legal processes to review the expropriation cases, carry out hearings and decide whether the land can be expropriated and at what price.
- (iv) **External Monitoring Individual Consultant (EMIC):** EMIC will be responsible for short-term monitoring of LARP implementation and preparation of Compliance Reports.

#### 5. Capacity for LARP Implementation

212. The Resettlement Coordination Team of TPIO is adequately staffed with experienced personnel in handling the M6 LARP implementation. The existing TPIO (RCT) staff, as well as the mobilized SSSC has an extensive experience in LARP implementation, having implemented the LARP for Tranche 2 and T3 of North-South Road Corridor Project, as well as LARPs for other projects in the country.

#### 6. LARP Implementation Responsibilities

213. The responsibilities of the different functionaries for the LARP implementation is presented in table H1.

**Table H1: Role and Responsibilities of Agencies Involved in LARP Implementation**

| Responsible Agency                      | Activity   |
|---|--|
| MTCIT                                   | <ul style="list-style-type: none"> <li>Overall responsibility for the Program;</li> <li>Implementation and financing of all LAR tasks, and</li> <li>Cross-agency coordination and linkages.</li> </ul>   |
| Ministry of Finance                     | <ul style="list-style-type: none"> <li>Provide budget for the implementation of the LARP</li> </ul>  |
| State Committee of Real Estate Cadaster | <ul style="list-style-type: none"> <li>Provide information about the status of real estate ownership and other relevant data defined by LARP</li> <li>Correct the cadastral discrepancies in the frame of cadastral correction plan</li> </ul> |
| Local Court                             | <ul style="list-style-type: none"> <li>Review the expropriation cases;</li> <li>Carry out hearings and decide whether the land can be expropriated and at what price.</li> </ul>   |
| Local Self Government Bodies            | <ul style="list-style-type: none"> <li>Assist in the resolution of complaints and grievances and participate in other issues as required;</li> </ul>   |

<sup>22</sup> The MTCIT has already requested preliminary estimated budget from Government for LARP implementation prior the final LARP preparation.

| Responsible Agency                          | Activity   |
|---|--|
|   | <ul style="list-style-type: none"> <li>• Support TPIO in informing APs on LARP implementation procedures and the disbursements;</li> <li>• Provide TPIO with needed information/references/abstracts etc. during the LARP implementation.</li> </ul>   |
| TPIO- RCT                                   | <ul style="list-style-type: none"> <li>• Coordinating with Cadastral Office and LSGBs;</li> <li>• Obtaining the cadastral maps and land records;</li> <li>• Assisting the Consultants in Mapping, Surveying and Verification Activities;</li> <li>• Organizing public consultation meetings assisted by Consultants and LSGBs;</li> <li>• Disclosing the LARP and the information pamphlets;</li> <li>• Notification of APs in different stages of LARP implementation according to the legislation;</li> <li>• Planning and managing LARP implementation and the distribution of compensation (including the implementation of Legalization plan);</li> <li>• Initiating expropriation cases and coordination with the courts as necessary;</li> <li>• Maintaining LARP database;</li> <li>• Assisting in settlement of individual complaints through GRM;</li> <li>• Ensuring internal monitoring and reporting;</li> <li>• Implementation of LAR corrective measures (if any);</li> <li>• Coordinating with the appropriate government agencies to provide all needed documentation;</li> <li>• Ensuring prompt allocation of LAR budgets;</li> <li>• Maintaining coordination of all LAR related activities;</li> <li>• Any other issues related to resettlement and rehabilitation of APs.</li> </ul>   |
| Social Safeguards Support Consultant (SSSC) | <ul style="list-style-type: none"> <li>• Assist in notification to Head of Communities and other affected persons on LARP commencement and implementation stages, procedures.</li> <li>• Preparation of acquisition contracts and agreements, cover letters, in accordance with the terms and requirements of Law and RA legislation.</li> <li>• Support in collection of documents required for the signature of acquisition contracts and agreements for each land and other property, as well as consultation and support to APs on the procedure of obtaining and provision of these documents.</li> <li>• Assistance to APs towards the correction, update and restoration of their incomplete or incorrect documents.</li> <li>• Preparation of separate package for each AP based on updated data for the implementation of respective cadastral and notarial operations aimed at acquisition,</li> <li>• Update of existing LARP database and software development for the required information in LARP implementation stage.</li> <li>• Entering and updating of the data regarding the processing status of court proceedings, suspension, issues and completion in the LARP database, as well as preparation of progress reports and submission to TPIO.</li> <li>• Organize the process of due separation, division and state registration of affected part from the private property by SCREC.</li> <li>• Support in the handing-over of the entitlement certificates of the non-acquired parts registered by the territorial subdivisions of cadaster after the separation procedure to the co-owners.</li> <li>• Support the state registration for acquisition of community land, by ensuring the approval by the heads of communities and other ground required for state registration.</li> <li>• Provide information to the TPIO on the communal and mandatory payments debts of APs to the local and state budget for the acquired property.</li> <li>• Organize the opening of bank accounts for the APs ensuring the collection of required data from APs.</li> <li>• Assist in submission the documents package required for the conclusion of acquisition contracts/agreements to the relevant notarial offices in order to implement notarial operations for ratification of contracts/agreements.</li> </ul> |

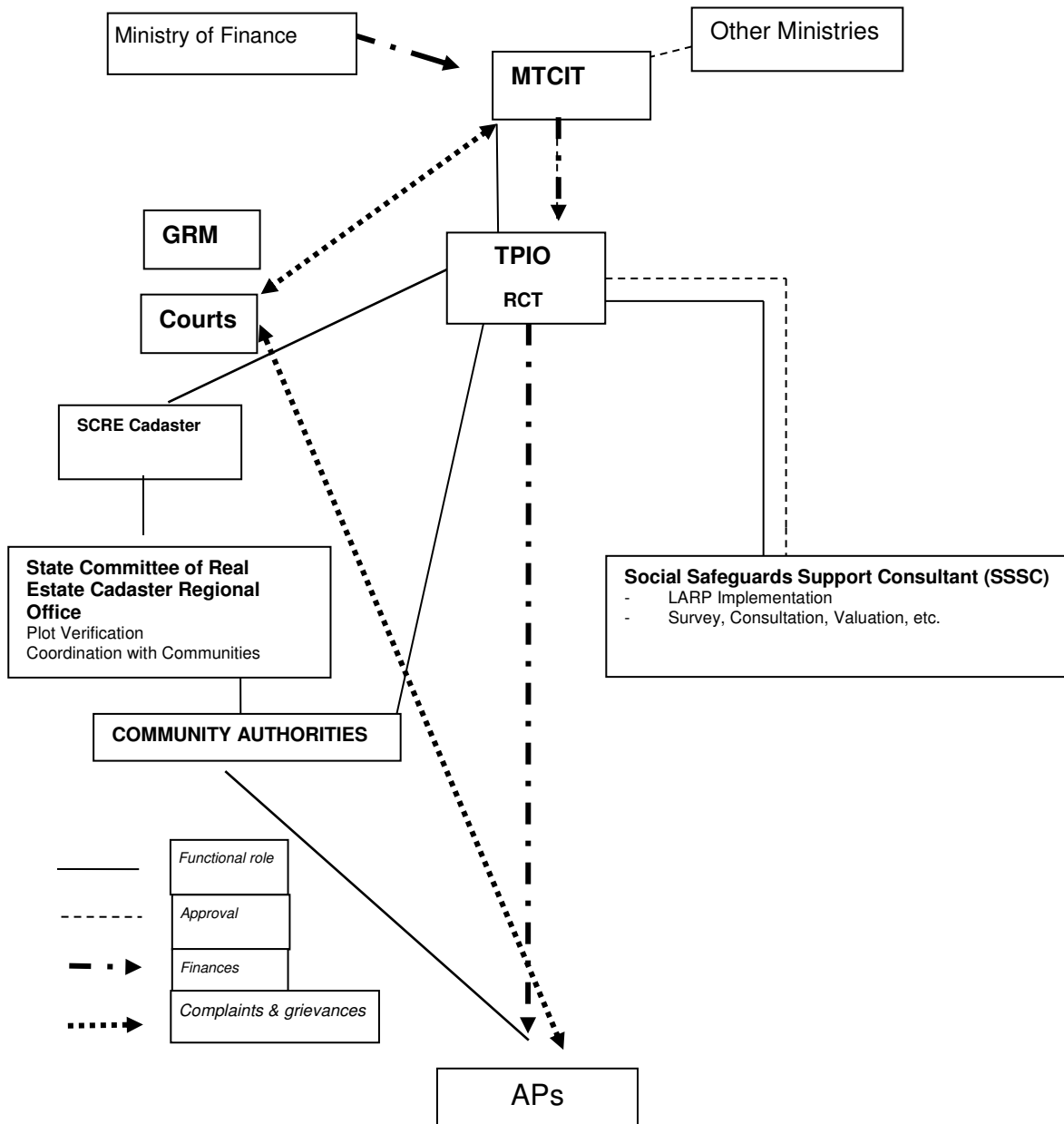
| Responsible Agency | Activity  |
|--------------------|---|
|                    | <ul style="list-style-type: none"> <li>• Organize the acquisition contract/agreement with APs in the notarial offices.</li> <li>• The submission of payment applications to TPIO in order to proceed with the payment of compensation.</li> <li>• Obtain and submit RA entitlement state registration certificates with attached maps/plans to the TPIO for proper documentation.</li> <li>• Ensure the implementation of target purpose changes for acquired RA land plots,</li> <li>• Provide support to the heirs - to open the inheritance for the lands with succession issues, in obtaining the succession certificates; implementation of state registration actions,</li> <li>• Contact the owners residing abroad and provide necessary advise and support for power of attorney.</li> <li>• Support APs for the extension of validity of passports or obtainment of new passports,</li> <li>• Organize the process to correct and clarify the clerical mistakes and discrepancies in the documents required for acquisition and contracts agreements.</li> <li>• Implement any legal action to redress the legal obstacle of the acquisition in accordance with the LARP.</li> <li>• Ensures the recording of APs complaints with the community representative in the grievance logbook.</li> <li>• Ensure documenting of complaints in hard and soft copies and submit to TPIO; assisting the TPIO throughout the whole process of the examination and solution thereof.</li> <li>• Support to TPIO in organizing and implementing of Grievance Review Group Group (GRG).</li> <li>• Involvement in GRC sessions as a member or expert (if needed),</li> <li>• Assistance to APs in the resolution of their complaints throughout the GRM established by LARP.</li> <li>• Implementation all LAR correction action plan(s) that is identified during the implementation.</li> <li>• Ensuring the transfer of the compensation amount to the AP's account.</li> <li>• Provide information to AP's about the transfer of compensation amount to their account.</li> <li>• Prepare and submit the lawsuit to the court for property acquisition case where AP did not accept or claimed the compensation amount.</li> <li>• Participation in all court hearings as the plaintiff (and/or respondent) representative of TPIO</li> <li>• Obtain judicial acts and submit them to TPIO.</li> <li>• Inform the APs about the property-related tax liabilities, organize the calculation of taxes, and submit the details to TPIO.</li> <li>• Updating of the information regarding the processing status of court proceedings, suspension, issues and completion thereof in the LARP database, as well as preparation of progress reports and submission to TPIO.</li> <li>• Support TPIO preparing necessary documentation, measurement, valuation of assets in case of changes to the design requiring amendment to LARP and acquisition.</li> <li>• Prepare LARP implementation Completion Reportsand support the EMIC during the external monitoring..</li> </ul> |

## 7. Implementation Structure

214. An efficient organizational set up is important for the management of involuntary resettlement. The dedicated participation of the institutional actors outlined above is required. The institutional structure for LARP implementation is depicted in Figure H1.



Figure H1: LAR Institutional Structure and Relations



## **I. COMPLAINTS AND GRIEVANCES**

215. A grievance redress mechanism will be made available at the project level to allow an AP to appeal against any disagreeable decision, practice or activity arising from compensation of land or other assets or any project related issues. The fundamental objective is to resolve any resettlement-related grievance locally, in consultation with the aggrieved party, to facilitate smooth implementation of the LARP. Another important objective is to democratize the development process at the local level and to establish accountability to the affected people.

216. Conventionally grievance resolution is done by APs presenting their complaints in writing to the TPIO during the LARP preparation and implementation.

217. Beside this customary mode of dealing with complaints during LARP preparation, TPIO will also establish a formal complaints and grievance redress mechanism during LARP implementation and thereafter. Several parties will be involved in this formal grievance redress mechanism, such as MTCIT, TPIO and LSGBs. Attempts will be made to resolve complaints at community level with the help of a Grievance Redress Person (GRP) or at least at TPIO level with the help of a Grievance Review Group (GRG) with the involvement of all stakeholders.

218. The existence of a GRM was disclosed to the APs in the LARP preparation stage during the public consultations. After the approval of LARP the revised GRM will be disclosed to APs through a LARP Information pamphlet.

219. The GRM will ensure that the aggrieved parties have reasonable access to sources of information, advice, consultation and expertise necessary to engage in a grievance redress process on fair and equitable terms. Two main access points will allow voices of the affected communities to be heard and will ensure the accessibility of GRM for APs:

- Local Self -Governing Bodies (LSGB) Office
- Grievance focal person (GFP)

220. The GFP will be the representative of TPIO/RCT and will be responsible for registration of complaints forwarding them to TPIO for discussion and addressing. The schedule of meetings with GFP will be announced as soon as the LARP Implementation starts. At least two meetings per month will be implemented in every affected community. Some additional meetings may be necessary in communities where numerous issues arise. GFP will set a timetable of his/her presence in the village for host of grievances which will be disclosed to the APs and AHs by the local authorities and put up at public places. By the completion of LARP implementation in each community the schedule of meetings with GFP will be revised as relevant. Each LSGBs Office should nominate the representative who will be responsible for the collection and provision of complaints/requests/claims to GFP or directly to TPIO.

221. Both LSGBs Office and GFP will be responsible to collect/register and forward to TPIO the complaints/requests/claims with all required documentation, maximum within 5 days after receiving them. Nevertheless, the above mentioned access points do not limit the citizen's right to submit their grievances/requests/claims directly to TPIO and/or MTCIT. Besides, an aggrieved person is free to access the country's legal system for the redress of his/her grievances at any stage of the GRM.

## **Institutional structure of Grievance Redress Mechanism**

222. The GRM defines institutions (parties) that will deal with APs' complaints and concerns. Institutional structure of the GRM has different levels, so that complainant can move to a higher level if s/he is not satisfied with the provided redress of the grievance at lower level.

### **1. GRM 1st LEVEL – the Implementing Agency (TPIO)**

223. The 1<sup>st</sup> level of the GRM is the TPIO. The TPIO receives and resolves/replies to APs' grievances. Steps in resolving grievances by the TPIO are as follow:

- i. Registering a complaint/query/concern. The unresolved complaint/query/concern can be received from the GRG or directly from AP. Besides the registration of the complaint, query or concern in the PMU's general recording system, the grievances will also be registered in the LARP general database for further monitoring.
- ii. Screening for eligibility. Upon receipt of a complaint, query or concern, the Focal Point within the TPIO decides on its eligibility. The decision will specify whether the complaint can be effectively reviewed by TPIO, or a higher-level action is needed. TPIO has no jurisdiction on grievances if:
  - The complaint/query was submitted after the expiration of the period defined for such claim by RA legislation, the nature of the issue that is beyond the official mandate of the GRM (e.g. determining ownership of a disputed land plot).
  - A complainant has no standing to lodge a grievance.
  - The complaint/query was submitted by the previous owner of an acquired land and is related to already signed and compensated acquisition contract, because of which the ownership rights of acquirer (state) have been registered on the land.If a complaint/query is related to the above mentioned cases, the TPIO formulates a response and sends a written letter to the complainant, explaining reasons for the rejection, the possible further actions needed or informing AP that his/her complaint was forwarded to the next level of GRM.
- iii. Definition of preliminary timeframe to review the grievance. A settlement will be made within 30 days from the day of receiving the grievance and related documents by GRG (if other timeframes are not defined by the RA legislation). If the case is complex and requires an investigation (e.g. scrutiny by technical experts or legal opinion from the state or certified private entities) complaint review period may be extended. In such cases, a written notification will be sent to the complainant, explaining reasons for extension, describing the process and indicating an expected date for delivering the results of the review.
- iv. Initiation of the grievance review. Based on background information compiled and clarifications received, the TPIO will draft a time bound action plan to resolve the complaint. The TPIO will (a) organize fields visit as needed, (b) request for additional clarifications from consultants, technical experts and other relevant parties as needed, (c) meet with the APs as needed. The TPIO can request an independent expertize from licensed authorities such as measurement expert, valuation expert etc., if needed. All field visits, communication with experts and APs will be properly documented including the minutes of meetings, letters, photos etc..
- v. Allocating resources to implement the Action Plan for resolution of the complaint as needed. Required resources from the LARP implementation budget will be made available to allow for timely resolution of a complaint.

- vi. Closure of the complaints. Upon grievance review and/or execution of the Action Plan for resolution of the complaint, the TPIO will send a written response to the AP with its outcomes. A separate meeting with the AP can be organized to ensure that the complainant's claims have been addressed in full and no further action is required or if the claim is not admissible, thus explaining AP the reasons of such a response.
  - vii. The TPIO will maintain records of all cases, both resolved and unresolved. All records of grievance cases will be entered in the LARP general Database. These GRM records will be reviewed by the monitoring specialist.
  - viii. In case the complaint is not fully resolved or the AP is not satisfied with the reply, he/she can lodge his complaint with the Executing Agency (MTCIT).
224. If an AP is not satisfied with the response of TPIO, then Grievance Review Group (GRG) can review the case upon request of AP to ensure comprehensive, equitable and transparent discussion of the case. The GRG can also be convened by TPIO's decision in case of group compliants from APs. To establish legitimacy of the GRG to review and judge on the substantive merit of the AP's complaint, the composition of the GRG has been kept balanced by including an independent observer to ensure the impartiality and transparency of the complaint review process. The following composition of the GRG is proposed:

| <b>Members</b>   | <b>Position</b> |
|--|-----------------|
| (a) Representative of TPIO (RCT)                         | Chairperson     |
| (b) Representative of Local Government, as relevant      | Member          |
| (c) Certified technical expert, as relevant              | Member          |
| (d) Representative of Consultant/Contractor, as relevant | Member          |
| (e) Representative of the APs                            | Member          |
| (f) Independent party (for example NGO)                  | Observer        |

225. For seeking clarification by GRG, the following steps will be carried out before starting the complaint review process:

- a) Convening the GRG: Before beginning the complaint review process, the GRG will be convened and additional background information will be gathered as needed. Background information may include photos, video materials, certificates, technical expert opinions etc., will help GRG in understanding the causes and chronology of the complaint.
- b) Meeting with the complainant. GRG members will meet with the complainant to seek further clarifications. Following each meeting, the minutes will be prepared and a copy will be provided to the complainant, GRG members and other stakeholders.
- c) Visiting site. GRG members will visit the site, if deemed necessary.

226. During the grievance review process, several experts can be involved such as valuation expert, agronomist, measurement specialist, design engineer etc., as needed for each specific case. Independent party (for example NGO representative) can be invited upon request of AP.

## **2. GRM 2nd LEVEL - Executing Agency (MTCIT)**

227. In case the AP is not satisfied with the TPIO response based on the GRG decision, an AP can lodge his complaint with the Executing Agency (MTCIT). MTCIT follows Public Administration RA law for registration, revision and resolving the case based on the Project

Documentation requirements. During resolving of the complaint at this level, the TPIO can be involved only as supporting the process, but will not answer on the complaint, if not requested by MTCIT.

### 3. Grievance Review through the Court

228. If the grievance redress system fails to satisfy the AP, he/she can pursue their complaint further by submitting their case to the appropriate court of law. The above mechanism does not affect or limit the right of the APs to defend their rights by all lawful means, including judicial procedures, and to apply to the courts and other state bodies at any time of the grievance redress process.

### 4. Monitoring and Reporting of GRM Implementation

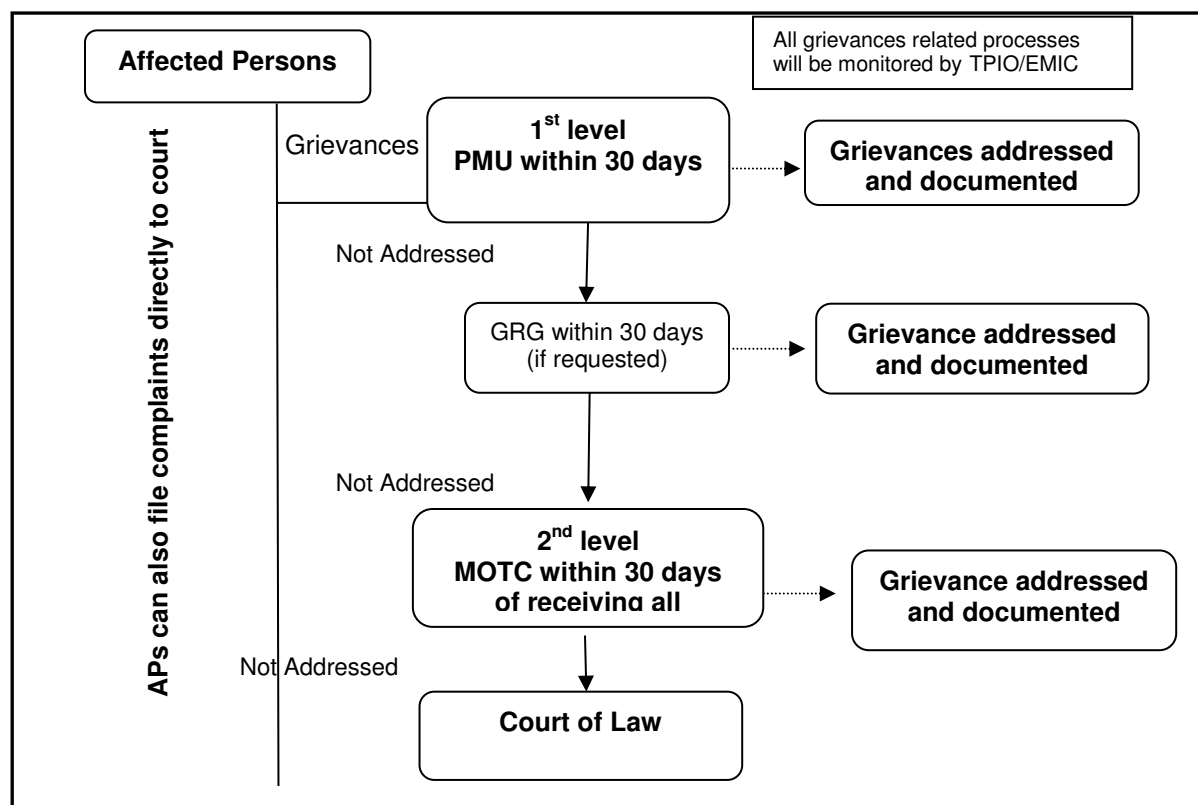
229. The GRM implementation will be monitored through internal and external monitoring. Main indicators for monitoring of GRM are number and type of complaints, resolved cases, timing for the resolution, etc., more indicators for internal/external monitoring and evaluation will be developed by TPIO and EMIC and will be presented in the Semiannual Social Monitoring Reports (SSMR), Quarterly Progress Reports (QPR) and Completion Reports with the monitoring results.

### 5. Budget for GRM Implementation

230. The LARP implementation budget will cover the costs for GRM implementation, particularly for hiring experts to provide expert opinion, field inspections, organization of meetings etc. The LARP implementation budget will cover also the implementation of GRM during the post-LARP implementation period.

231. The institutional structure of GRM is presented in Figure H1.

**Figure H1: Institutional Structure of Grievance Redress Mechanism**



## **J. LARP IMPLEMENTATION PROCESS**

232. The schedule for implementation of the resettlement plan is based on the overall Project implementation program. All activities related to the land acquisition and resettlement should be planned to ensure that compensation is paid prior to displacement in accordance to LARP provisions and commencement of civil works. The schedule is subject to modification depending on the progress of the Project activities and in case of any exigency. The project LAR activities to be implemented, and the timeframe for implementation, are presented below.

### **1. LARP Implementation Preparatory Stage**

233. The LARP implementation will start upon approval of final LARP document by ADB and MTCIT. However, the preparatory works can start earlier to be fully ready for the start of implementation, particularly:

- (i) Disclosure of final approved LARP document on MTCIT and Project's websites in Armenian, as well as on website of ADB in English,
- (ii) Selection of the commercial Bank for payments with the best conditions for the APs (geographical location and low/no transaction charges).
- (iii) Consultations with regional notarial, cadastral services and courts on the further organization of acquisition contracts and agreements signing, cadastral registrations and court proceedings (if any),
- (iv) Start of implementation of legalization and cadastral correction plan,
- (v) Initial consultations with affected communities on coming implementation (including the disclosure of LARP document and brochures),
- (vi) Establishment of Grievance Redress Mechanism (GRM) in affected communities, as defined by LARP,
- (vii) Preparation of information leaflets for the notifications of all stages of LARP implementation (notification on adoption of GoA decree on Eminent Domain, notification of signed protocol, notification of draft acquisition contract and agreement, notification on depositing and notification of court proceeding).

### **2. Definition of LARP Implementation Subsections**

234. Prior the start of LARP preparation, it was decided that LARP will be implemented in "subsection by subsection" principle to simplify the implementation process in terms of deadlines to be met under the Law, as well as for the management of construction progress. The principles and basis of definition of LARP subsections are presented below:

- (i) the number of affected land plots (both private and community-owned),
- (ii) number of total AHs,
- (iii) number of AHs to be relocated
- (iv) number of legalization and cadastral correction cases,
- (v) progress of utility relocation
- (vi) construction priorities

235. Based on the actual LAR impacts and above mentioned multifactor analysis it was decided to implement the LARP in two subsections which will include land plots from all three Lots (road sections) with proportional division of affected land plots, depending also on the volume of

legalization and cadastral issues. This will allow to ensure the timely provision of LARP-completed sections to the three Contractors in parallel. Meantime, as a general principle the priority will be given to the (1) quick implementation of legalization cases and cadastral corrections, (2) acquisition of private-owned land plots, as well as (3) physically relocation cases to ensure the timely implementation of LARP and speed up the expropriation cases, if any.

### **3. LARP Implementation Milestones and Activities**

236. The overall LARP implementation aims to:

- (i) Ensure that APs/AHs obtain their full entitlements under the LAR (compensation, assistance etc.)
- (ii) Consult and educate APs/AHs regarding their entitlements and obligations under the Resettlement Plans;
- (iii) Ensure the full implementation of the detailed legalization and correction action plans included in the LARP;
- (iv) Undertake public information campaigns in the affected communities related to Resettlement Policies and entitlement packages,
- (v) Assist APs in resolving their grievances through the grievance redress mechanism set out in the LARP;
- (vi) Ensure the proper implementation of all corrective measures, if any

237. For this purpose, upon the approval of LARP, all the arrangements for finalizing the compensation and the disbursement will be implemented. These include:

- (i) Initiation of implementation of legalization and cadastral correction plan
- (ii) Notification of draft acquisition Contracts, as well as agreements on compensation of damaged assets to APs;
- (iii) Signing of acquisition Contracts/Compensation agreements for damages asstes, including notification of final dates of displacement;
- (iv) Payment to all eligible affected persons;
- (v) Initiation of expropriation procedures, where necessary;
- (vi) Compliance review and preparation of Completion Report;
- (vii) Completion of expropriation procedures, where necessary;
- (viii) Site preparation for delivering the site to contractors for construction;

238. The compensation payment is one of the critical phases in LARP implementation. The steps envisaged are as follows.

- (i) Opening of bank accounts for APs where needed. The APs can also operate through their existing Bank accounts.
- (ii) Transfer of the compensation and allowances to APs' Bank accounts after signing of the acquisition contracts and Agreements.
- (iii) Vacating the property by the APs within 14 days after payment of compensation or other term as envisaged under the contract.
- (iv) MTCIT taking possession of the land/structure (handover act will be signed with the AP in

case of not-affected/physically existing structures).

239. The following main steps will be implemented in the frame of land acquisition and resettlement process:

- (i) Notification of signed protocol of affected land plot to APs;
- (ii) Notification of draft contracts, as well as the agreement on damage compensation to all APs, including the disclosure of LARP Information brochure;
- (iii) Meetings with the APs (owners/co-owners, leaseholders, not registered land users on individual basis;
- (iv) Discussions concerning issues of APs, provide APs with legal advice and assistance if needed (in parallel the implementation of legalization plan).
- (v) Checking, updating of the necessary documents for signing of acquisition contract, where needed.
- (vi) Implementation of full legalization and cadastral correction plan,
- (vii) Preparation of the necessary documents for notary (regional) for making the final acquisition contracts.
- (viii) Organization of acquisition contract signing with APs by notary ratification (depending from the organizational requirements it can be organized in the community administrative offices).
- (ix) Provision of state registration application for the signed contracts to regional SCREC office.
- (x) Receipt of real estate ownership certificate registered in the name of Republic of Armenia.
- (xi) Organization and assistance in relocation of physically relocated AHs.
- (xii) Initiation of expropriation procedures where needed (depositing, preparation of court suits).

240. After the acquisition of all land plots (both via contract and expropriation), the MTCIT will carry out the process of changing the target purpose of all acquired lands into transport lands according to the requirements of RA legislation, including the preparation of the mapping (or measurement), and draft government decree in accordance with the GoA Decrees 1918 and 1920 dated December 29, 2011.

#### **4. Expropriation Stage**

241. In case the acquisition contracts are not signed by APs (owners and other property right holders) for some reasons (disagreement of APs, unresolved legalization issue etc.) within 3 months from the date of notification of draft acquisition contracts to APs, the expropriation procedure will be initiated by the TPIO. The expropriation process will be implemented in two stages:

- (i) Acquisition of the property via transfer of compensation amount to the court deposit
- (ii) Acquisition of the property via expropriation (court proceeding)

242. Acquisition of the property via transfer of compensation amount to the court deposit: The calculated compensation amount for each AP will be deposited with the court deposit account within 1 month after completion of 3-month period. A notification will be sent to APs (owners and other property right holders) about this within 3 days after depositing the compensation amount. The separate information leaflet (guidance) will be attached to the notification letter with description of AP's rights and obligations after depositing.

243. Acquisition of the property via expropriation (lawsuit):



- (i) If the contract is not signed during seven days after the transfer of the compensation to the deposit account and the compensation is not obtained by the APs from the deposit account, then during one month period the Consultant will prepare and submit the lawsuit to the court based on the deposited amount.
- (ii) In case of expropriation, the subject for Court's discussion can only be on the compensation amount. Court's decision on compensation amount for the property and other assets to be acquired will be the basis for the acquisition of land.
- (iii) If the all owners and co-owners and other property rights of the alienated property receive the deposited amount in the prescribed manner after the depositing and before the court decision on alienation is issued, then the alienation contract will be deemed to be concluded on the terms and conditions set forth by law.
- (iv) The rights of the previous owner on the expropriated property are terminated and the right of acquirer on the expropriated property is established after the decision of court enters into force. The decision of court is subject to registration in the SCREC after the decision of court enters into force.
- (v) However, depending on the peculiarities of the lawsuit, it may sometimes be possible to conclude the alienation contract before the acceptance of the lawsuit by the court or the commencement of the judicial proceeding. In such cases, the TPIO will recall the lawsuit or reject a lawsuit filing with the court a copy of the contract and a relevant note that will serve as a basis for granting the compensation to the APs.

244. **The proceeding of the lawsuit:** The Consultant will participate in all court hearings in all court instances on behalf of the TPIO. The Expropriation stage will be considered to be completed after the state registration of the property right (based on the judicial act) and submission of the ownership certificate to the TPIO. The Consultant will also arrange the acceptance–handover of the property.

## 5. Process of APs Legalization and Cadastral Corrections

245. According to LARP principles, the legalizable APs may be legalized and receive full compensation considered by the Entitlement matrix and compensation eligibilities defined in LARP. According to “Conditions for Legalization” defined in LARP, the legalizable APs are those APs who do not have state registered property or other property rights on the affected land and other assets, but who have certain legal expectations arising from the force of law or actual usage or possession of property, or the possibility of obtaining the property rights directly arise from or are defined by the RA legislation.

246. While finalizing the LARP, based on the analysis of census data, as well as the data received from the different governmental authorities, some typical cases (mainly cadastral discrepancies) and legalization issues have been identified and those need to be addressed during the LARP implementation. It is pertinent to mention those typical cases in the final LARP, so that all the stakeholders are aware of issues and discuss here the EA's approach in dealing with such typical cases as part of LARP implementation. It is also important to mention here that such cases were encountered in previous similar rural Projects and those were handled during LARP implementation period by the EA. The resolution of such cases is essential in terms of LARP implementation progress, as the signing of acquisition contracts is impossible without resolving these issues, otherwise these cases will be considered for the expropriation process in the court which will prolong the implementation process. The summary of these typical legalization and cadastral issues and suggested resolution procedures are presented below and the detailed list of these cases, their

description, status of reflection in LARP, as well as the action plan to be implemented is presented in Appendix 8.

## 5.1. Legalization issues

247. There are in total 13 legalization identified within the Project, of which:

- (i) Issues related to absentee APs (3 cases),
- (ii) Issues related to inheritance (11 cases),
- (iii) Issues related to passport/documents (2 cases),

248. From these 13 cases, 11 cases are also involved in the cadastral issues. Most of the legalization issues are concentrated in Lot 1. Table J1 below shows the breakdown of all legalization cases per communities and Lots. Below are described the actions and procedures to be carried out during the LARP implementation in accordance to RA legislation to solve the above listed issues.

**Table J1 Breakdown of legalization issues per Lots**

| Lot 1    |         |       | Lot 2   | Lot 3   |        | Total |
|----------|---------|-------|---------|---------|--------|-------|
| Alaverdi | Aygehat | Odzun | Haghpat | Neghots | Shnogh |       |
| 7        | 2       | 2     | 1       | 1       | 3      |       |
| 11       |         |       | 1       | 4       |        | 16    |

### Absentee APs from Armenia

249. AP's presence is required for acquisition of their property. However, the Armenian law provides for a mechanism to acquire private property in case the owners cannot be present or found for the said purpose. In order to address the issue of absentee landowners, who cannot make themselves available, the following procedure will be initiated:

- (i) Contact details and other possible information about absentee owners will be collected from the community authority, relatives and friends
- (ii) APs will be informed/notified about the acquisition of their land/property and measures undertaken and press upon their participation.
- (iii) If AP still expresses her/his inability to be present, s/he will be advised to send a power of attorney in the name of a representative, who will act on her/his behalf in signing the contract.
- (iv) In case of non-signature of the contract, the acquiring body will initiate the expropriation process, the compensation amount shall be deposited with the court. The owner can claim the compensation amount from court by presenting the relevant legal documents.

### Problems related to inheritance

250. The main problem related to the inheritance is that the people have to change the ownership right after the death of their ancestors and relatives or instances where a plot of land has been divided among the brothers and sisters in mutual understanding and the same has not been updated in the land registration to show the real ownership. For most of the cases there is no will and therefore the heirs are not identified yet. The legalization process involves the following process:

Step 1 – The LARP implementation team will approach the community authority to get information on the deceased owners' heirs, their place of residence, actual possession of property.

Step 2 - Based on the information collected from community authority, the SSSC will prepare a list of documents required for each case for inheritance. With the checklist, the SSSC will contact all heirs. The legal heirs will be asked to prepare the documentation for legacy acceptance and if required, necessary support will be provided by the SSSC in compiling the documents for legal heir acceptance. If the rights on a land plot are not registered after March 1, 1998, for the registration of rights, the plan of land plot should be presented with all other documents.

Step 3 - Once the documents for legacy acceptance are compiled, the APs will be asked to apply to the notary office. If anyone of the heirs is out of the Republic of Armenia, then he/she will have to send the notarized power of attorney (with apostils) stating that s/he accept his/her share of inheritance for the registration of rights. The power of attorney shall be translated into Armenian and approved by the notary.

251. The resettlement implementation team will provide the required support to the APs as and when necessary to register their rights of inheritance.

252. If there is a conflict between the heirs with respect to the ownership or the deadline of intended 6 months for the acceptance of inheritance is expired, then the issues related to the inheritance are regulated by the court.

253. If the heirs do not object to the essential terms of the property acquisition contract, but there are legal obstacles for the notary in accepting the inheritance, a three months window period available to resolve the same and initiate the acquisition process.

#### Issues related to passport

254. As the passport is a key document in the entire process of acquisition and payment of compensation, the APs are required to update their passport by applying to the relevant government agency. The RCT through the SSSC will adopt the following procedure to deal with the issue:

- (i) Intimate the APs and the community authority about the outdated passport cases and emphasize the importance of it from verification, acquisition and payment of compensation point of view.
- (ii) Follow-up with APs for initiating the updating process
- (iii) APs in need of assistance will be supported by SSSC in procuring the updated passport

## **5.2.Cadastral issues**

255. The types of cadastral issues per communities are summerized in the table J2. The most of the cases (48.8%) are related to not registered ownership rights towards the private-owned land plot, particularly: according to the cadastral data, the land is the ownership of natural person whose rights are not registered towards the land, but the the owner cannot be identified by cadaster. After, there were identified the cases related to the discreapancies between the surfaces of land plot indicated in ownership certificate and cadastral map/data (29%), other cadastral issues (15.2%) and Issues related to not identified ownership/ other right holder status

(community/private) towards the land plot, as well as uncertainty and lack of target and functional significances of the land plot (7%). The latter are the cases when the cadaster cannot even identify if the land plot is private-owned or community owned (in the data provided by cadastral the ownership status of those cases was indicated as “is not clear”). Moreover, in case of 11 land plots, besides the cadastral issues, there are also legalization issues identified, related to the lack of documents which can be also obstacles for their resolution (9-inheritance issue, 1-absent owner, 1-passport issue).

**Table J2 Typology of cadastral issues per communities**

| N | Description of cadastral issue   | No of cases | Community breakdown  |
|---|--|-------------|--|
| 1 | Issues related to not identified ownership/ other right holder status (community/private) towards the land plot, as well as uncertainty and lack of target and functional significances of the land plot | 6           | Akhtala (1), Alavberdi (3), Neghots (1), Odzun (1)                               |
| 2 | Discrepancies between the surfaces of land plot indicated in ownership certificate and cadastral map/data  | 25          | Hapghpat (7), Alavberdi (12), Neghots (3), Shnogh (1), Aygehat (1), Tumanyan (1) |
| 3 | Issues related to the not registered ownership rights towards the private land plot  | 42          | Hapghpat (1), Alavberdi (13), Neghots (2), Shnogh (1), Aygehat (1), Odzun (24)   |
| 4 | Other cadastral issues   | 13          | Hapghpat (2), Alavberdi (6), Neghots (1), Artchis (1), Odzun (3)                 |
|   | <b>Total</b>   | <b>86</b>   |  |

256. Below in Table J3 shows the breakdown of all cadastral cases per communities and Lots. Most of the cases are concentrated in Lot 1 (75.6%), while the other 11.6% and 12.8% are identified in Lot 2 and Lot 3 respectively.

**Table J3 Breakdown of cadastral issues per Lots**

| Lot 1     |         |       |          | Lot 2     | Lot 3     |        |         |         | Total     |
|-----------|---------|-------|----------|-----------|-----------|--------|---------|---------|-----------|
| Alavberdi | Aygehat | Odzun | Tumanyan | Hapghpat  | Neghots   | Shnogh | Akhtala | Artchis |           |
| 34        | 2       | 28    | 1        | 10        | 7         | 2      | 1       | 1       |           |
| <b>65</b> |         |       |          | <b>10</b> | <b>11</b> |        |         |         | <b>86</b> |

257. The legal procedures defined by RA legislation to be implemented for the resolution/correction of above described cases are presented below.

Issues related to cadastral discrepancies between the certificate of registration of rights, cadastral map and nature

258. These cases are related to the errors during the registration of property, for which the correction process is set by the Article 34 of the "Law on State Registration of Property Rights" and by Order No. 186-N of State Committee of Real Estate Cadaster from 01.06.2010.

259. Law separates two categories of errors:

- (i) Errors, the correction of which does not change the ownership of property, the nature and volume of registered rights on it, does not cause a change of size of the surface and cadastral value of the property (hereinafter: technical errors). Such errors can be corrected by the initiation of official registration authority (cadaster). Cases included under category ii and v are technical errors and for correction of which the acquirer applies to cadaster by motion for correction.
- (ii) Errors, the correction of which changes the ownership of property, the nature and volume of registered rights on it, causes a change of size of the area and cadastral value of the property (hereinafter: technical errors). Such errors can be corrected only by written consent of all owners of the property. Cases falling in category iii and iv, that may cause a change in size of the area, configuration/layout of the property, assistance will be given to APs during the initiated correction process.

260. In both the categories for correction, if the registration of rights on the property is done based on the document provided by any eligible authority, then the correction of errors can be done only after the correction of respective document by that eligible authority.

261. In all the cases, the APs will have to initiate a correction process as described above. Where necessary, the SSSC will support in guiding the APs in submitting the required supporting documents to the cadaster authority.

#### Undefined owners/ right holders

262. In cases, when the owner of the affected land plots could not be identified both by cadaster and by the community because of not registration of rights in cadaster, additional efforts will be made to identify the owners during the implementation, however, if the owner cannot be identified then relevant measures will be taken according to RA legislation, for example the legalization of the land by actual user if the legal grounds are provided by the users, or to recognize the property as ownerless and register the community's rights towards the property and acquire it accordingly. The second option can be applied only by court proceedings.

263. **Summery of legalization and cadastral correction cases:** Thus, there are in total 102 cases (land plots) with legalization and cadastral issues, of which 76 (74.5%) are concentrated in Lot 1 communities, 11 (10.8%) in Lot 2 communities and 15 (14.7%) in Lot 3 communities. The concentration of these legalization and cadastral issues in each Lot are taken into account for the definition of LARP implementation subsections and development of LARP implementation action plan (see Appendix 7).

### **5.3. Legalization of illegal non-residential affected buildings**

264. There are in total 29 illegal non-residential structures identified by DMS in this LARP (for details see chapter B). According to the LARP, the non-residential illegal buildings will be compensated by replacement cost or rehabilitation allowance in case if they are not legalized in order defined by RA legislation. However, in case if the AP wants to legalize the non-residential illegal buildings in order to get full compensation defined by Entitlement Matrix, then the following procedure will be followed for legalization of illegal non-residential buildings according to the RA legislation in case of initiation of such process by APs:

1. *In case the land on which the illegal building is constructed, is a community or state property, the following actions are required for the legalization of the illegal building:*
  - (i) Apply (the TPIO or AP) to the head of the community where the illegal building is located (or to the Ministry of Territorial Administration and Emergency Situations) to initiate required actions for legalization of illegal buildings.
  - (ii) In accordance with RA legislation, the illegal building can be legalized by the decision of head of community. The property right of the community or state of the legalized building is registered.
  - (iii) After the registration of the legalized building within 15 working days, the person constructed (AP) the building is required to obtain the legalized building and the land on which it is located, as well as the land required for the maintenance of the building for the price determined by RA legislation. If the registration of the illegal building and the land on which it is located, as well as the land required for the maintenance of that building contradicts with the requirements of RA legislation, the corresponding land is leased.
  - (iv) The person constructed the illegal building accepts the preemption right to buy (or lease) in 15 working days and pays the sales price (lease price) of the legalized building and the land provided in due manner in 30 days.
  - (v) The person (AP) constructed the illegal building registers his/her ownership (lease) right for the legalized building and for the land provided for that building according RA legislation.

265. The registration of the property rights by the above mentioned procedure is implemented based on the decision of head of the community, the real estate sales contract (with mentioning the charges set), the plan of real estate and fixed fees.

2. *If the land on which the illegal building is situated is a private property or legal entity, the legalization of illegal building in such cases will include the following actions:*
  - (i) The landowner applies to the head of the community where the illegal building is located with the corresponding documentation and in accordance with RA legislation for the legalization of illegal building.
  - (ii) The head of the community after receiving the application takes a decision to legalize the illegal building or not based on the requirements of RA legislation.
  - (iii) In case of legalization of illegal building, the landowner makes payments as required by RA legislation and registers his/her property rights.

266. If the legalization of illegal buildings leads to the change in type of land based on its usage, besides the payment required under RA legislation, the landowner would have to pay the difference between the cadaster price of existing land type and changed land type, if any.

## 6. LARP Implementation Schedule

267. A detailed schedule for LARP finalization and implementation is presented in Table J4 below.

**Table: J4 Timeline for Land Acquisition and Resettlement Plan Implementation**

| N | Action | Start, date | End, date |
|---|--------|-------------|-----------|
|   |        |             |           |

| N  | Action |   | Start, date | End, date |
|--|--------|---|-------------|-----------|
| The legal ground of land acquisition process is the adoption of GoA decree on Eminent Domain and its coming into force |        |   | 15-Sep-17   | 25-Nov-17 |
| 1  |        | 1. The notification of GoA decree on Eminent Domain                                     |             |           |
| 2  | 1.1    | The notification of GoA decree on Eminent Domain  | 26-Nov-17   | 2-Dec-17  |
| 3  |        | 2. Preperation and signing of property description protocols                            |             |           |
| 4  | 2.1    | The preperation of property description protocols for private land plots                | 1-Dec-17    | 29-Dec-17 |
| 5  | 2.2    | The preperation of property description protocols for community land plots              | 10-Jan-18   | 30-Jan-18 |
| 6  | 2.3    | The signing of property description protocols both for private and community land plots | 1-Feb-18    | 16-Feb-18 |
| 7  | 2.4    | The notification of property description protocols for all land plots                   | 19-Feb-18   | 25-Feb-18 |
| 8  |        | 3. The implementation of legalization and cadastral correction plan                     |             |           |
| 9  | 3.1    | The implementation of legalization and cadastral correction plan                        | 1-Dec-17    | 6-Jul-18  |
| 10   |        | 4. Acquisition via contract signing   |             |           |
| 11   | 4.1    | Preparation of draft acquisition contracts for private land plots                       | 16-Feb-18   | 25-Feb-18 |
| 12   | 4.2    | Preparation of draft acquisition contracts for community land plots                     | 25-Feb-18   | 5-Mar-18  |
| 13   | 4.3    | The notification of draft acquisition contracts-Subsection 1                            | 5-Mar-18    | 5-Mar-18  |
| 14   | 4.4    | The notification of draft acquisition contracts-Subsection 2                            | 5-Apr-18    | 5-Apr-18  |
| 15   | 4.5    | The signing of acquisition contracts- Subsection 1                                      | 6-Mar-18    | 6-Jun-18  |
| 16   | 4.6    | The signing of acquisition contracts - Subsection 2                                     | 6-Apr-18    | 6-Jul-18  |
| 17   | 4.7    | The deadline for acquisition contract signing-Subsection 1                              | 6-Jun-18    |           |
| 18   | 4.8    | The deadline for acquisition contract signing-Subsection 2                              | 6-Jul-18    |           |
| 19   | 4.9    | The state registration of signed acquisition contracts                                  | 10-Mar-18   | 15-Jul-18 |
| 20   |        | 5. Acquisition via transferring the compensation to deposit account                     |             |           |
| 21   | 5.1    | Transfer of compensation amount to the court's deposit account-Subsection 1             | 6-Jun-18    | 10-Jun-18 |
| 22   | 5.2    | Transfer of compensation amount to the court's deposit account -Subsection 2            | 6-Jul-18    | 10-Jul-18 |
| 23   | 5.3    | The date of 7th day after depositing of compensation amount - Subsection 1              | 10-Jun-18   | 17-Jun-18 |

| N  |     | Action   | Start, date | End, date |
|--|-----|--|-------------|-----------|
| 24   | 5.4 | <i>The date of 7th day after depositing of compensation amount -Subsection 2</i> | 10-Jul-18   | 17-Jul-18 |
| 25   |     | <b>6. Expropriation</b>  |             |           |
| 26   | 6.1 | The preparation of lawsuits- Subsection 1  | 6-Jun-18    | 15-Jun-18 |
| 27   | 6.2 | The preparation of lawsuits -Subsection 2  | 6-Jul-18    | 15-Jul-18 |
| 28   | 6.3 | The submission of lawsuits to the court- Subsection 1*                           | 10-Jun-18   | 20-Jun-18 |
| 29   | 6.4 | The submission of lawsuits to the court- Subsection 2*                           | 10-Jul-18   | 20-Jul-18 |
| 30   |     | <b>7. Monitoring and reporting</b>   |             |           |
| 31   | 7.1 | Preperation and submission of Completion report by EMIC-Subsectin 1              | 10-Jun-18   | 10-Jul-18 |
| 32   | 7.2 | Preperation and submission of Completion report by EMIC-Subsectin 2              | 10-Jul-18   | 10-Aug-18 |
| * The duration of the court proceeding defined by Law is 2 months after the acceptance, however it can lasts longer depending from the complexity of the case. |     |  |             |           |

## 7. Differences between actual list of affected lands and the list of GoA Decree on Eminent Domain

268. There are a few cases of mismatch between the land codes included in Eminent Domain in Government Decree N1214-N dated 09.11.2017 and the actual affected land codes verified during the DMS survey and adjusted as a result of proposed design solutions. The actual affected land plots reported in this LARP have been captured by the DMS survey and adjusted RoW, as a result of which 69 land plots have been removed from the list of affected land plots (community land-20; private land-46, unidentified land-3), while 9 community and 1 private land plots shall be added to the list. The added 8 land plots are the lands on which are located the adjusant structures to the multi-dwelling building and which are subject to acquisition due to safety reasons and/or impossibility of further usage. Prior to the start of LARP implementation, the changes in Government Decree for Eminent domain will be initiated to update the list of affected lands (remove the not affected land plots and add the newly identified lands). The procedural requirements envisaged by the Law will be duly carried out for such lands. A list of land plots to be added inGoA decree are provided in table J5 below and the list of land plots to be removed from the GoA list are attached in Appendix 13.

**Table J5: List of land plots to be added in GoA decree**

| N | Coomunity     | Land cadaster code | The ownership status of the land plot per cadaster | Remark  |
|---|---------------|--------------------|--|---|
| 1 | Alaverdi city | 06-002-0198-0209   | community  | The land is added due to the acquisition of multi-dwelling building and adjacent structures |



| N  | Community     | Land cadaster code | The ownership status of the land plot per cadaster | Remark   |
|----|---------------|--------------------|--|--|
| 2  | Alaverdi city | 06-002-0198-0215   | community  | The land is added due to the acquisition of multi-dwelling building and adjacent structures  |
| 3  | Alaverdi city | 06-002-0198-0216   | community  | The land is added due to the acquisition of multi-dwelling building and adjacent structures  |
| 4  | Alaverdi city | 06-002-0198-0219   | community  | The land is added due to the acquisition of multi-dwelling building and adjacent structures  |
| 5  | Alaverdi city | 06-002-0198-0211   | community  | The land is added due to the acquisition of multi-dwelling building and adjacent structures  |
| 6  | Alaverdi city | 06-002-0198-0212   | community  | The land is added due to the acquisition of multi-dwelling building and adjacent structures  |
| 7  | Alaverdi city | 06-002-0198-0218   | community  | The land is added due to the acquisition of multi-dwelling building and adjacent structures  |
| 8  | Alaverdi city | 06-002-0198-0217   | community  | The land is added due to the acquisition of multi-dwelling building and adjacent structures  |
| 9  | Shnogh        | 06-088-0061-0029   | community  | Technical typo in the list of Eminent Domain: in the list the land code was mentioned as 06-088-0061-0015 which in fact is not affected. |
| 10 | Tumanyan      | 06-004-0048-0004   | private  | Identified by DMS  |

## 8. Procedures to be initiated in case of issues (changes) emerged during the LARP implementation

269. Based on the previous experience of LARP implementation in similar rural projects, several unanticipated changes emerged during the project execution, as well as impact/compensation or any other typical changes can emerge during this LARP implementation. The unanticipated changes can be related to the verification of Cadastral maps/data, legalization of properties, revision of detailed design etc. As a result of such changes, the affected surfaces of land, characteristics of affected land (such as, purpose of use, incline, rockiness, and surface condition), number of affected land plots (some land plots may get excluded or included for the acquisition area) may be changed. In this regard, several procedures have been developed to deal with unanticipated changes during the project execution. The followings are a summary of measures or steps will be taken by TPIO when the impacts defined by this LARP are changed during the LARP implementation:

a) If the surface of land plots to be acquired is changed:

- The recalculation of compensation price will be made using the unit price for 1m<sup>2</sup> fixed by LARP (Valuation report) for that land and by multiplying it by new verified surface, hence the unit rate will not be changed.
- If there are fixed improvements (crops, trees etc.) on the affected land, then they will be inventoried and calculated based on the verified affected surface and LARP unit rates.
- New map (plan) will be prepared to define the verified affected part of the land.

- b) If actual characteristics (such as purpose of use, incline, and rockiness) other than the surface of affected land are changed, and as a result may affect the replacement cost of land:
- In such cases, the new valuation will be done using the sales data for LARP preparation period. The valuation process will follow RA valuation standard and LARP principles of the project.
- c) In case if during the LARP implementation the owner or user will be identified/self-identified and will claim on the usage of affected assets on not inventoried locations/land plots (see para 2.2 of chapter B and Appendix 9), the following steps shall be undertaken:
- In case of identified owner or renter, the owner/renter shall present relevant documentation confirming the registered rights towards the property.
  - In case of self-identified illegal user, the usage of affected assets shall be confirmed by the following indicators: (i) expert opinion by the agricultural specialist of SSSC on whether the affected assets are cultivated or self-growth, (ii) the existence of fences on the used land or other signs of usage, (ii) written confirmation by community or at least three community members on usage.
  - In case of illegal usage of land plots, only fruit trees shall be inventoried and eligible for compensation to illegal users after the confirmation of the user.
  - The inventory of affected assets will be carried out on the previously not inventoried locations/land plots and compensation will be calculated based on LARP-defined rates.
- d) New lands revealed during the implementation process:
- The changes in Eminent Domain GD will be initiated for the new lands and appropriate procedures will be carried out as defined by the “RA Law On Alienation of the property for public and state purposes”, in particular:
    - Public consultation will be organized for new APs (including the notification on Eminent Domain)
    - DMS/Census/SES will be initiated for the new lands
    - Appropriate maps (plans) will be prepared based on measurement
    - Description protocols will be developed and signed with APs
    - Valuation of assets will be done according to the Valuation methodology approved for this LARP
    - Draft acquisition contracts will be notified and negotiated with APs to sign the contracts, otherwise the TPIO will initiate an expropriation.
- e) If other unforeseen issues/changes will emerge: the appropriate mechanism will be developed and agreed with ADB for such cases.
- f) For all impact changes (if any) emerged during the LARP implementation as a result of cadastral corrections, design changes/solutions or other unforeseen reasons, which affects the impacts/compensation, the following actions will be initiated: (a) appropriate mechanisms/procedures followed for such cases will be developed and reflected in Completion Reports prepared by SSSC, Semiannual Social Monitoring Reports (SSMR) prepared by TPIO, as well as reflected in Completion reports prepared by EMIC for each subsection, (b) Corrective Action Plan (CAP) will be developed only in cases when the allocation of additional budget is required.

## K. RESETTLEMENT BUDGET AND FINANCING

### 1. General

270. The resettlement cost estimate for this Project includes eligible compensation, rehabilitation allowances and support costs of LARP implementation, as well as a provisional budget for sensitive properties. The support costs, which include administrative expenses, are part of the overall resettlement budget. Contingency provisions (20% of the total cost) have also been made to take into account variations from this estimate. Some of the features of this LAR cost estimate are outlined below:

- (i) Compensation for agricultural and non-agricultural land at their replacement cost;
- (ii) Compensation for structures and buildings at their replacement cost;
- (iii) Compensation for crops and trees;
- (iv) Assistance for severely affected households;
- (v) Assistance for relocation and transportation;
- (vi) Assistance for vulnerable groups for their livelihood restoration;
- (vii) Provisional budget for sensitive locations subject to vibration survey,
- (viii) Provisional budget for possible fruit trees and crops on inaccessible not inventoried land plots, and
- (ix) Cost of registration charges (including registration services and applicable taxes by the RA)
- (x) Cost of LARP implementation (cost for legalization and cadastral correction cases, cost for court cases-if any and cost for changing of target purposes of acquired lands).

### 2. Compensation

#### 2.1. Compensation of Land

271. Compensation for agricultural and non-agricultural lands has been derived based on the assessment by an independent qualified valuator. Compensation was calculated at replacement cost +15%, based on market rates and transaction costs, or cadastral values (whichever is highest).

272. The cost for compensation of land is presented in Table K1 according to the ownership status of lands. The total compensation for land to be acquired is **142.514.000,01** AMD for 193.072,2 m<sup>2</sup>. Compensation for land to private landowners is **26.000.758,25** AMD for 15.739,3 m<sup>2</sup>, **116.263.587,11** AMD for community lands and **249.654,65** AMD for non-identified land plots. No compensation is given for the RA land plots. Table K1 details the cost of land with applicable unit rates by land ownership status, and the breakdown on compensation cost by type, with applicable unit rates, affected community and Lots are presented in Appendix 10.

**Table K1: Cost of affected land by land ownership status**

| Type of Land   | Plots      | Affected Area    | Average Unit Price | Total Cost            | Total Compensation (including 15%) |
|----------------|------------|------------------|--------------------|-----------------------|------------------------------------|
|                | No         | m2               | AMD                | AMD                   | AMD                                |
| Private        | 79         | 15.739,3         | 1.436,49           | 22.609.355,00         | 26.000.758,25                      |
| Community      | 313        | 177.197,8        | 570,54             | 101.098.771,40        | 116.263.587,11                     |
| Non-identified | 3          | 135,1            | 1.606,89           | 217.091,00            | 249.654,65                         |
| <b>Total</b>   | <b>395</b> | <b>193.072,2</b> | <b>-</b>           | <b>123.925.217,40</b> | <b>142.514.000,01</b>              |

## 2.2. Compensation of Leases

273. The Project will affect 1 of community land plot in Alaverdi involving 1 household under leaseholders' category. The mentioned land plot is commercial. As regards lease period, the land plot has a lease of more than 25 years. As per LARP, the compensation entitled to these AHs is calculated and presented in Table K2.

**Table K2: Compensation for leased land**

| Lot                 | Land Category | Land Plot | Affected Area | Unit Price | Market Value of the Land | Market Value +15% | Leaser Remaining Years | Applied Coefficient | Total for Compensation |
|---------------------|---------------|-----------|---------------|------------|--------------------------|-------------------|------------------------|---------------------|------------------------|
|                     |               | No.       | m²            | AMD/ m²    | AMD                      | AMD               | No.                    | %                   | AMD                    |
| A. Lesed Properties |               |           |               |            |                          |                   |                        |                     |                        |
| Lot 2               | Commercial    | 1         | 5             | 1.490,00   | 7.450,00                 | 8.567,50          | 38                     | 25                  | 2.141,88               |
| Total               |               | 1         | 5             | 1.490,00   | 7.450,00                 | 8.567,50          | 38                     | 25                  | 2.141,88               |

## 2.3. Compensation of Structures

274. Compensation for structures is based on the valuation of the licensed valuator. Residential buildings and structures are compensated in cash at replacement<sup>23</sup> cost plus 15%, irrespective of the house registration status. Non-residential registered buildings and structures are compensated in the same way, but application of 15% addition depends from the legal status of building and status of land (see the entitlement matrix). In case of partial impacts and unwillingness of the owner to relocate, compensation covers only the affected portion of a building and its rehabilitation to a usable state.

275. The overall estimated cost of compensation for buildings and structures is **121.914.255,20.AMD**. The compensation amount includes replacement cost for the structures and 15%. There are residential and non-residential structures among those lost. In particular, nine residential apartments in multi-dwelling building will be affected by the project, of which six are residential relocates. Please see Table K3 for details of compensation for impacted structures.

276. The indicated total compensation amount in K3 includes also the rehabilitation allowance for vulnerable residential relocates added to the compensation cost of their apartments

<sup>23</sup> Replacement cost is valued based on the construction type, materials cost, labor, transport/other construction costs without any deduction for depreciation or transaction costs.

(where applicable). During the valuation, the affected supporting facilities of residential apartments have been considered as one integral unit in terms of affected surface, taking into account that the separately located facilities are the inseparably adjacent parts of the residential apartment. The breakdown of pure cost for the apartmeners and the added rehabilitation allowance will be presented in the evaluation report prepared for each apartment with respective analysis (see Appendix 2).

**Table K3: Compensation of Structures**

| Type            | Structure | Total          | Total Cost            | Total Compensation +15% |
|-----------------|-----------|----------------|-----------------------|-------------------------|
|                 | No        | m2             | AMD                   | AMD                     |
| Residential     | 45        | 715,67         | 78.339.778,00         | 90.090.744,70           |
| Non-residential | 32        | 316,40         | 32.358.926,00         | 31.823.510,50           |
| <b>Total</b>    | <b>77</b> | <b>1032,07</b> | <b>110.698.704,00</b> | <b>121.914.255,20</b>   |

277. The compensation for residential structures amounts to **90.090.744,70 AMD** (the details are presented in the Table K4) and for non-residential structures it is amounts to **31.823.510,50 AMD** (the details are presented in the Tables K4 and K5).

**Table K4: Compensation for Residential Structures**

| Table K4: Compensation for Residential Structures         |             |    |        |                    |               |                                    |
|---|-------------|----|--------|--------------------|---------------|------------------------------------|
| Name  | Material    | No | Total  | Average Unit Price | Total Cost    | Total Compensation (including 15%) |
|   |             |    | m²     | AMD/m²             | AMD           | AMD                                |
| A. House  |             |    |        |                    |               |                                    |
| Residential house   | Stone       | 2  | 100,99 | 195.169,01         | 19.710.118,00 | 22.666.635,70                      |
| Apartment   | Stone       | 9  | 342,60 | 88.200,58          | 30.217.520,00 | 34.750.148,00                      |
| Lodge   | Stone       | 1  | 11,5   | 138.400,00         | 1.591.600,00  | 1.830.340,00                       |
| Subtotal A.   | -           | 12 | 455,09 | -                  | 51.519.238,00 | 59.247.123,70                      |
| B. Supporting Structures                                  |             |    |        |                    |               |                                    |
| B1. Supporting Structures with Affected Residential House |             |    |        |                    |               |                                    |
| Cattle shed   | Stone       | 1  | 15,37  | 63.900,00          | 982.143,00    | 1.129.464,45                       |
| Kitchen   | Stone       | 2  | 25,6   | 141.020,31         | 3.610.120,00  | 4.151.638,00                       |
| Closet  | Stone       | 4  | 36,09  | 127.850,96         | 4.614.141,00  | 5.306.262,15                       |
| Hole (potatoes)   | In-situ r/c | 3  | 2,6    | 95.900,00          | 249.340,00    | 286.741,00                         |
| Hencoop   | Stone       | 1  | 8,4    | 63.900,00          | 536.760,00    | 617.274,00                         |
| Barn  | Stone, Wood | 3  | 18,95  | 80.900,00          | 1.533.055,00  | 1.763.013,25                       |
| Toilet  | Stone, Wood | 5  | 39,23  | 105.149,25         | 4.125.005,00  | 4.743.755,75                       |
| Toilet and Closet   | Stone       | 1  | 6,8    | 129.900,00         | 883.320,00    | 1.015.818,00                       |
| Support structure   | Stone       | 2  | 24,3   | 127.800,00         | 3.105.540,00  |                                    |

| Name  | Material    | No        | Total         | Average Unit Price | Total Cost           | Total Compensation (including 15%) |
|---|-------------|-----------|---------------|--------------------|----------------------|------------------------------------|
|   |             |           | m²            | AMD/m²             | AMD                  | AMD                                |
|   |             |           |               |                    |                      | 3.571.371,00                       |
| <b>Subtotal B1.</b>   | -           | <b>22</b> | <b>177,34</b> | -                  | <b>19.639.424,00</b> | <b>22.585.337,60</b>               |
| <b>B2. Support Structures of HHs without Residential Loss</b> |             |           |               |                    |                      |                                    |
| Closet  | Brick       | 1         | 19            | 110.700,00         | 2.103.300,00         | 2.418.795,00                       |
| Incomplete barn   | Wood        | 1         | 2             | 21.300,00          | 42.600,00            | 48.990,00                          |
| Barn  | Stone, Wood | 9         | 62,24         | 80.900,00          | 5.035.216,00         | 5.790.498,40                       |
| <b>Subtotal B2.</b>   | -           | <b>11</b> | <b>83,24</b>  | -                  | <b>7.181.116,00</b>  | <b>8.258.283,40</b>                |
| <b>Subtotal (B1+B2)</b>                                       | -           | <b>33</b> | <b>260,58</b> | -                  | <b>26.820.540,00</b> | <b>30.843.621,00</b>               |
| <b>Total</b>  | -           | <b>45</b> | <b>715,67</b> | -                  | <b>78.339.778,00</b> | <b>90.090.744,70</b>               |

**Table K5: Compensation for Non-Residential Structures**

| Lot                        | No             | Type of Structure                  | Material                     | No of Structure | Legal sq.m | Illegal sq.m | Total sq.m. | No of Plots | Average Unit Price | Total Cost   | Total Compensation |
|----------------------------|----------------|------------------------------------|------------------------------|-----------------|------------|--------------|-------------|-------------|--------------------|--------------|--------------------|
|                            |                |                                    |                              |                 |            |              |             |             | AMD/m2             | AMD          | AMD                |
| A. Business Structures     |                |                                    |                              |                 |            |              |             |             |                    |              |                    |
| Lot 1                      | Business 1     | Grocery                            | Stone                        | 1               | -          | 11,36        | 11,36       | 2           | 297.600,00         | 3.380.736,00 | 3.368.240,00       |
|                            |                | Shed                               | Metal                        | 1               | -          | 3            | 3           |             | 297.600,00         | 892.800,00   | 863.100,00         |
| Subtotal A.                |                |                                    |                              | 2               | -          | 14,36        | 14,36       | 2           | -                  | 4.273.536,00 | 4.231.340,00       |
| B. Non Business Structures |                |                                    |                              |                 |            |              |             |             |                    |              |                    |
| Lot 1                      | 1              | Garage                             | Stone                        | 2               | -          | 30,44        | 30,44       | 13          | 121.502,37         | 3.698.532,00 | 3.646.784,00       |
|                            | 2              | Pigsty                             | Metal                        | 1               | -          | 11,50        | 11,5        |             | 31.900,00          | 366.850,00   | 347.300,00         |
|                            | 3              | Closet                             | Brick, Metal                 | 2               | -          | 20,42        | 20,42       |             | 61.167,09          | 1.249.032,00 | 1.220.852,00       |
|                            | 4              | Shed                               | Asbestos slate, Stone, Metal | 3               | -          | 26,40        | 26,4        |             | 27.811,36          | 734.220,00   | 550.800,00         |
|                            | 5              | Dilapidated structure              | Stone                        | 1               | -          | 7,70         | 7,7         |             | 31.900,00          | 245.630,00   | 235.004,00         |
|                            | 6              | Basement                           | Stone                        | 1               | 5,9        | 0            | 5,9         |             | 173.700,00         | 1.024.830,00 | 1.178.554,50       |
|                            | 7              | Non-operating shop                 | Stone                        | 1               | -          | 32,04        | 32,04       |             | 252.300,00         | 8.083.692,00 | 7.884.724,00       |
|                            | 8              | Toilet                             | Metal, Wood                  | 2               | -          | 3            | 3           |             | 20.700,00          | 62.100,00    | 57.960,00          |
|                            | 9              | Car repair main hole               | In-situ r/c, Wood            | 2               | -          | 3,60         | 3,6         |             | 89.541,67          | 322.350,00   | 316.902,00         |
|                            | Subtotal Lot 1 |                                    |                              |                 | 15         | 5,9          | 135,10      |             | 141                | -            | 15.787.236,00      |
| Lot 2                      | 1              | Non-operating car repair main hole | Stone                        | 1               | -          | 4,60         | 4,6         | 5           | 95.900,00          | 441.140,00   | 433.320,00         |

| Lot   | No             | Type of Structure                  | Material             | No of Structure | Legal sq.m | Illegal sq.m | Total sq.m. | No of Plots | Average Unit Price | Total Cost   | Total Compensation |
|-------|----------------|------------------------------------|----------------------|-----------------|------------|--------------|-------------|-------------|--------------------|--------------|--------------------|
|       |                |                                    |                      |                 |            |              |             |             | AMD/m2             | AMD          | AMD                |
|       | 2              | Cattle shed                        | Stone                | 1               | -          | 29,32        | 29,32       |             | 74.500,00          | 2.184.340,00 | 2.134.496,00       |
|       | 3              | Shed                               | Asbestos slate, Wood | 2               | -          | 9,72         | 9,72        |             | 27.237,04          | 264.744,00   | 248.220,00         |
|       | 4              | Toilet                             | Metal, Wood          | 2               | -          | 3,50         | 3,5         |             | 27.357,14          | 95.750,00    | 92.350,00          |
|       | 5              | Patio                              | Metal                | 1               | -          | 10,00        | 10          |             | 31.600,00          | 316.000,00   | 316.000,00         |
|       | Subtotal Lot 2 |                                    |                      | 7               | -          | 57,14        | 57,14       |             | -                  | 3.301.974,00 | 3.224.386,00       |
| Lot 3 | 1              | Lodge                              | Stone                | 1               | -          | 12,00        | 12          | 5           | 110.700,00         | 1.328.400,00 | 1.323.120,00       |
|       | 2              | Unused structure                   | Stone                | 1               | -          | 12,80        | 12,8        |             | 110.700,00         | 1.416.960,00 | 1.411.328,00       |
|       | 3              | Cattle shed                        | Stone                | 1               | -          | 49,00        | 49          |             | 106.500,00         | 5.218.500,00 | 5.175.380,00       |
|       | 4              | Closet                             | Wood                 | 2               | -          | 11,05        | 11,05       |             | 48.115,84          | 531.680,00   | 526.818,00         |
|       | 5              | Shed                               | Metal, Wood          | 2               | -          | 13,05        | 13,05       |             | 28.800,00          | 375.840,00   | 370.098,00         |
|       | 6              | Incomplete                         | Wood                 | 1               | -          | 6,00         | 6           |             | 20.800,00          | 124.800,00   | 122.160,00         |
|       | Subtotal Lot 3 |                                    |                      | 8               | -          | 103,90       | 103,9       |             | -                  | 8.996.180,00 | 8.928.904,00       |
| Total | 1              | Lodge                              | Stone                | 1               | 0          | 12,00        | 12          | 23          | 110.700,00         | 1.328.400,00 | 1.323.120,00       |
|       | 2              | Unused structure                   | Stone                | 1               | 0          | 12,80        | 12,8        |             | 110.700,00         | 1.416.960,00 | 1.411.328,00       |
|       | 3              | Non-operating car repair main hole | Stone                | 1               | 0          | 4,60         | 4,6         |             | 95.900,00          | 441.140,00   | 433.320,00         |
|       | 4              | Garage                             | Stone                | 2               | 0          | 30,44        | 30,44       |             | 121.502,37         | 3.698.532,00 | 3.646.784,00       |



| Lot | No          | Type of Structure     | Material                           | No of Structure | Legal sq.m | Illegal sq.m | Total sq.m. | No of Plots | Average Unit Price | Total Cost    | Total Compensation |
|-----|-------------|-----------------------|------------------------------------|-----------------|------------|--------------|-------------|-------------|--------------------|---------------|--------------------|
|     |             |                       |                                    |                 |            |              |             |             | AMD/m2             | AMD           | AMD                |
|     | 5           | Cattle shed           | Stone                              | 2               | 0          | 78,32        | 78,32       |             | 94.520,43          | 7.402.840,00  | 7.309.876,00       |
|     | 6           | Pigsty                | Metal                              | 1               | 0          | 11,50        | 11,5        |             | 31.900,00          | 366.850,00    | 347.300,00         |
|     | 7           | Closet                | Brick, Metal, Wood                 | 4               | 0          | 31,47        | 31,47       |             | 56.584,43          | 1.780.712,00  | 1.747.670,00       |
|     | 8           | Shed                  | Asbestos slate, Stone, Metal, Wood | 7               | 0          | 49,17        | 49,17       |             | 27.960,22          | 1.374.804,00  | 1.169.118,00       |
|     | 9           | Incomplete            | Wood                               | 1               | 0          | 6,00         | 6           |             | 20.800,00          | 124.800,00    | 122.160,00         |
|     | 10          | Dilapidated structure | Stone                              | 1               | 0          | 7,70         | 7,7         |             | 31.900,00          | 245.630,00    | 235.004,00         |
|     | 11          | Basement              | Stone                              | 1               | 5,9        | -            | 5,9         |             | 173.700,00         | 1.024.830,00  | 1.178.554,50       |
|     | 12          | Non-operating shope   | Stone                              | 1               | 0          | 32,04        | 32,04       |             | 252.300,00         | 8.083.692,00  | 7.884.724,00       |
|     | 13          | Toilet                | Metal, Wood                        | 4               | 0          | 6,50         | 6,5         |             | 24.284,62          | 157.850,00    | 150.310,00         |
|     | 14          | Patio                 | Metal                              | 1               | 0          | 10,00        | 10          |             | 31.600,00          | 316.000,00    | 316.000,00         |
|     | 15          | Car repair main hole  | In-situ r/c, Wood                  | 2               | 0          | 3,60         | 3,6         |             | 89.541,67          | 322.350,00    | 316.902,00         |
|     | Subtotal B. |                       |                                    | 30              | 5,9        | 296,14       | 302,04      |             | -                  | 28.085.390,00 | 27.592.170,50      |
|     | Total (A+B) |                       |                                    | 32              | 5,9        | 310,50       | 316,40      | 25          | -                  | 32.358.926,00 | 31.823.510,50      |

## 2.4. Fences and Improvements

278. All improvements done by APs, regardless of their status, are subject to compensation. Compensation for affected fences amounts to 49.530.073,05 AMD and for improvements amounts to **20.416.710** AMD.

**Table K6: Compensation for Fence**

| Material          | Area            | Unit Price | Market Value         | Compensation for Legal (Market Value + 15%) | Compensation for illegal (Market Value) | Compensation for Illegal (Market Value minus legalization cost) | Total Compensation   |
|-------------------|-----------------|------------|----------------------|---|---|---|----------------------|
|                   | m <sup>2</sup>  | AMD/m      | AMD                  | AMD   | AMD                                     | AMD   | AMD                  |
| In-situ r/c       | 84,5            | 29.100     | 2.458.950,00         | 953.752,50                                  | 1.105.800,00                            | 498.960,00  | 2.558.512,50         |
| <b>Subtotal A</b> | <b>84,5</b>     | <b>-</b>   | <b>2.458.950,00</b>  | <b>953.752,50</b>                           | <b>1.105.800,00</b>                     | <b>498.960,00</b>   | <b>2.558.512,50</b>  |
| Stone A           | 362,4           | 10.400     | 3.768.960,00         | 746.304,00                                  | 260.000,00                              | 2.480.500,00  | 3.486.804,00         |
| Stone B           | 210             | 16.600     | 3.486.000,00         | -   | -                                       | 3.473.680,00  | 3.473.680,00         |
| Stone C           | 80              | 17.700     | 1.416.000,00         | 1.628.400,00                                | -                                       | -   | 1.628.400,00         |
| Stone D           | 69,7            | 18.700     | 1.303.390,00         | -   | -                                       | 1.207.204,00  | 1.207.204,00         |
| Stone E           | 145,6           | 19.500     | 2.839.200,00         | -   | -                                       | 2.810.640,00  | 2.810.640,00         |
| Stone F           | 1.077,47        | 20.800     | 22.411.376,00        | 6.422.520,00                                | 6.697.600,00                            | 9.923.086,00  | 23.043.206,00        |
| Stone G           | 284,6           | 29.100     | 8.281.860,00         | 4.169.739,00                                | 4.656.000,00                            | -   | 8.825.739,00         |
| Stone H           | 36,8            | 33.200     | 1.221.760,00         | -   | -                                       | 1.170.976,00  | 1.170.976,00         |
| <b>Subtotal B</b> | <b>2.266,57</b> | <b>-</b>   | <b>44.728.546,00</b> | <b>12.966.963,00</b>                        | <b>11.613.600,00</b>                    | <b>21.066.086,00</b>  | <b>45.646.649,00</b> |
| Stone/basalt A    | 14,25           | 17.700     | 252.225,00           | 290.058,75                                  | -                                       | -   | 290.058,75           |
| Stone/basalt B    | 7               | 20.800     | 145.600,00           | 167.440,00                                  | -                                       | -   | 167.440,00           |
| Stone/basalt C    | 25,92           | 29.100     | 754.272,00           | 867.412,80                                  | -                                       | -   | 867.412,80           |
| <b>Subtotal C</b> | <b>47,17</b>    | <b>-</b>   | <b>1.152.097,00</b>  | <b>1.324.911,55</b>                         | <b>-</b>                                | <b>-</b>  | <b>1.324.911,55</b>  |
| <b>Total</b>      | <b>2.398,24</b> | <b>-</b>   | <b>48.339.593,00</b> | <b>15.245.627,05</b>                        | <b>12.719.400,00</b>                    | <b>21.565.046,00</b>  | <b>49.530.073,05</b> |

**Table K7: Compensation for Improvements**

| ype       | Material | Total              |                |        |    |              |
|-----------|----------|--------------------|----------------|--------|----|--------------|
|           |          | Average Unit Price | Area           | Length | No | Compensation |
|           |          | AMD                | m <sup>2</sup> | l.m.   |    | AMD          |
| Staircase | Metal    | 30.000,00          | -              | -      | 2  | 60.000       |
| Stairs    | Concrete | 30.454,55          | 22,0           | -      | -  | 670.000      |

| ype                      | Material                      | Total              |              |              |           |                   |
|--------------------------|-------------------------------|--------------------|--------------|--------------|-----------|-------------------|
|                          |                               | Average Unit Price | Area         | Length       | No        | Compensation      |
|                          |                               | AMD                | m²           | l.m.         |           | AMD               |
| Gate A                   | Metal                         | 67.857,14          | -            | -            | 7         | 475.000           |
| Gate B                   | Metal                         | 266.666,67         | -            | -            | 3         | 800.000           |
| Gate C                   | Metal, In-situ r/c            | 450.000,00         | -            | -            | 1         | 450.000           |
| Door A                   | Wood                          | 20.000,00          | -            | -            | 4         | 80.000            |
| Door B                   | Metal                         | 42.000,00          | -            | -            | 15        | 630.000           |
| Door C                   | Metal                         | 70.000,00          | -            | -            | 1         | 70.000            |
| Kerbstone A              | Concrete                      | 6.344,83           | -            | 29,0         | -         | 184.000           |
| Kerbstone B              | Basalt                        | 8.000,00           | -            | 20,0         | -         | 160.000           |
| Platform                 | Concrete                      | 35.000,00          | 44,0         | -            | -         | 1.540.000         |
| Base                     | In-situ r/c                   | 24.039,13          | 4,6          | -            | -         | 110.580           |
| Railing                  | Basalt                        | 13.000,00          | -            | 13,2         | -         | 171.600           |
| Fence                    | Metal, Asbestos slate, Stone  | 20.000,00          | -            | 20,3         | -         | 406.000           |
| Irrigation pipe d=1000mm | Metal                         | 65.000,00          | -            | 5,0          | -         | 325.000           |
| Irrigation pipe d=110mm  | Metal                         | 4.000,00           | -            | 59,0         | -         | 236.000           |
| Irrigation pipe d=50mm   | Metal                         | 2.920,29           | -            | 276,0        | -         | 806.000           |
| Area                     | Concrete                      | 6.600,00           | 90,0         | -            | -         | 594.000           |
| Area                     | Asphalt                       | 9.000,00           | 68,0         | -            | -         | 612.000           |
| Area upgrade             | Lawn                          | 11.000,00          | 10,0         | -            | -         | 110.000           |
| Fencing A                | Wood                          | 2.500,00           | -            | 328,0        | -         | 820.000           |
| Fencing B                | Wood/Metal                    | 2.800,00           | -            | 15,0         | -         | 42.000            |
| Fencing C                | Wire mesh                     | 3.421,16           | -            | 2.154,1      | -         | 7.369.530         |
| Fencing D                | Metal                         | 3.756,41           | -            | 390,0        | -         | 1.465.000         |
| Fencing E                | In-situ r/c, Metal, Wire mesh | 8.359,68           | -            | 253,0        | -         | 2.115.000         |
| Signpost                 | Metal                         | 35.000,00          | -            | -            | 1         | 35.000            |
| Bearing surface area     | r/c                           | 20.000,00          | -            | -            | 4         | 80.000            |
| <b>Total</b>             |                               | -                  | <b>238,6</b> | <b>3.563</b> | <b>38</b> | <b>20.416.710</b> |

## 2.5. Compensation of Crops

279. Crop compensation will be paid to all AHs in cash at market rates, i.e. gross crop value, of the expected harvest. Compensation has been determined based on average yields of the relevant crops for the previous 3 years and current market rates. Total compensation for crops in the affected area (151m<sup>2</sup>) is **134.545** AMD. See Table K8 below for details.

**Table K8: Crop Compensation**

| Type of Crop       | Lot 1          |              |                  | Lot 2          |             |                  | Lot 3          |              |                  | Annual Productivity | Price | Total          |              |                    |
|--------------------|----------------|--------------|------------------|----------------|-------------|------------------|----------------|--------------|------------------|---------------------|-------|----------------|--------------|--------------------|
|                    | Affected Area  | Total Loss   | Compensation     | Affected Area  | Total Loss  | Compensation     | Affected Area  | Total Loss   | Compensation     |                     |       | Affected Area  | Total Loss   | Total Compensation |
|                    | m <sup>2</sup> | Kg           | AMD              | m <sup>2</sup> | Kg          | AMD              | m <sup>2</sup> | Kg           | AMD              |                     |       | m <sup>2</sup> | Kg           | AMD                |
| Decorative flowers | 2              | -            | 4.360,00         | -              | -           | -                | -              | -            | -                | -                   | 2.180 | 2              | -            | 4.360,00           |
| Strawberry         | 10             | 6,0          | 4.980,00         | -              | -           | -                | 3              | 1,8          | 1.494,00         | 0,6                 | 830   | 13             | 7,8          | 6.474,00           |
| Bean               | -              | -            | -                | -              | -           | -                | 40             | 120,0        | 44.400,00        | 3,0                 | 370   | 40             | 120,0        | 44.400,00          |
| Tomato             | 8              | 33,6         | 8.736,00         | -              | -           | -                | 20             | 84,0         | 21.840,00        | 4,2                 | 260   | 28             | 117,6        | 30.576,00          |
| Cucumber           | 6              | 16,2         | 4.050,00         | 10             | 27,0        | 6.750,00         | 25             | 67,5         | 16.875,00        | 2,7                 | 250   | 41             | 110,7        | 27.675,00          |
| Pepper             | 7              | 21,0         | 5.460,00         | 20             | 60,0        | 15.600,00        | -              | -            | -                | 3,0                 | 260   | 27             | 81,0         | 21.060,00          |
| <b>Total</b>       | <b>33</b>      | <b>76,80</b> | <b>27.586,00</b> | <b>30</b>      | <b>87,0</b> | <b>22.350,00</b> | <b>88</b>      | <b>273,3</b> | <b>84.609,00</b> | -                   | -     | <b>151</b>     | <b>437,1</b> | <b>134.545,00</b>  |

## 2.6. Compensation of Trees

### 2.6.1 Compensation of Fruit Trees

The trees (bushes) have been valued according to different methodologies depending whether the tree (bush) lost is a productive or a not-productive tree (bush) according to different methodologies depending whether the tree (bush) lost is a productive or a not-productive tree (bush), particularly: (a) Not-productive wood and decorative trees (bushes) has been valued based on following groups (a. small trees; b. medium trees and c. big trees) based on the type of tree (bush) and the following valuation indicators such as: timber (firewood or construction wood) volume, height of the tree (bush), as well as other applicable indicators for the given tree (bush) determined by LARP, (b) Fruit/productive trees (bushes, vineyards) has been valued based on the planting age. The compensation for fruit/productive trees (bushes, vineyards) will be paid based on the investment value and as much as the market value of the given tree (bush) for 1 year multiplied by the number of years calculated from the planting date, but no more than the number of years needed to grow a new fully (industrial) productive tree (bush). Overall compensation for fruit trees/bushes is presented in Tables K9. The compensation for fruit trees is total **185.847.835,70** AMD, of which **561.840** AMD for seedlings, **12.583.516** AMD for not-yet productive fruit trees and **172.702.479,70** AMD for productive fruit trees. The breakdown of compensation for fruit trees/bushes per type, unit costs and communities is attached in Appendix 10.

**Table K9: Fruit Trees Compensation**

| Lot          | Seedling       |                   | Not yet Productive |                      | Fruit-bearing  |                       | Total          |                       |
|--------------|----------------|-------------------|--------------------|----------------------|----------------|-----------------------|----------------|-----------------------|
|              | Affected trees | Compensation      | Affected trees     | Compensation         | Affected trees | Compensation          | Affected trees | Compensation          |
|              | No             | AMD               | No                 | AMD                  | No             | AMD                   | No             | AMD                   |
| Lot 1        | 14             | 459.740,00        | 84                 | 6.754.530,00         | 5.963          | 94.796.517,60         | 6.061          | 102.010.787,60        |
| Lot 2        | -              | -                 | 45                 | 2.587.530,00         | 2.818          | 20.808.991,90         | 2.863          | 23.396.521,90         |
| Lot 3        | 10             | 102.100,00        | 32                 | 3.241.456,00         | 4.792          | 57.096.970,20         | 4.834          | 60.440.526,20         |
| <b>Total</b> | <b>24</b>      | <b>561.840,00</b> | <b>161</b>         | <b>12.583.516,00</b> | <b>13.573</b>  | <b>172.702.479,70</b> | <b>13.758</b>  | <b>185.847.835,70</b> |

### 2.6.2 Compensation for Wood trees

280. Wood trees compensation amounts to 147,280.00.AMD for medium growth trees and 6,640,300.00 AMD for full growth trees with an overall total compensation of **391.530** AMD, of which 42.630 AMD for small trees, 79.800 for medium growth trees and 269.100 AMD for full growth trees. Overall compensation for wood trees is indicated in Tables K10 below and the breakdown of compensation for wood trees per type, unit costs and communities is attached in Appendix 10.

**Table K10: Compensation of Wood Trees<sup>24</sup>**

| Lot | Small (0-13cm) | Medium growth (13-22cm) | Full growth (22cm+) | Total |
|-----|----------------|-------------------------|---------------------|-------|
|-----|----------------|-------------------------|---------------------|-------|

<sup>24</sup> The deviation of wood trees to medium growth and full growth was done based on the age of wood tree and has just descriptive/informative nature, the age of wood tree does not affect the cost of trees, as the compensation for wood trees was calculated based on the volume of timber or firewood and the market cost for the 1 m<sup>3</sup>.

|              | Affected trees | Compensation  | Affected trees | Compensation  | Affected trees | Compensation   | Affected trees | Compensation   |
|--------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|
|              | No             | AMD           | No             | AMD           | No             | AMD            | No             | AMD            |
| Lot 1        | 16             | 31.080        | 7              | 54.320        | 1              | 29.900         | 24             | 115.300        |
| Lot 2        | 5              | 11.550        | 2              | 17.920        | 8              | 239.200        | 15             | 268.670        |
| Lot 3        | -              | -             | 1              | 7.560         | -              | -              | 1              | 7.560          |
| <b>Total</b> | <b>21</b>      | <b>42.630</b> | <b>10</b>      | <b>79.800</b> | <b>9</b>       | <b>269.100</b> | <b>40</b>      | <b>391.530</b> |

### 2.6.3 Compensation for Decorative Trees

281. Decorative tree compensation amounts to 647.900AMD. The significant chunk of compensation is for cypress tree and lilac bush. Table K11 depicts the total compensation value to be paid towards this loss and breakdown of compensation for decorative trees/bushes per type, unit costs and communities is attached in Appendix 10.

**Table K11: Compensation of Decorative Trees and Bushes**

| Lot          | Small          |              | Medium         |                | Large          |                | Total          |                |
|--------------|----------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|
|              | Affected trees | Compensation | Affected trees | Compensation   | Affected trees | Compensation   | Affected trees | Compensation   |
|              | No             | AMD          | No             | AMD            | No             | AMD            | No             | AMD            |
| Lot 1        | 4              | 1.200        | 25             | 15.000         | 64             | 151.900        | 93             | 168.100        |
| Lot 2        | 1              | 3.000        | 4              | 131.500        | 12             | 318.000        | 17             | 452.500        |
| Lot 3        | -              | -            | 2              | 1.200          | 29             | 26.100         | 31             | 27.300         |
| <b>Total</b> | <b>5</b>       | <b>4.200</b> | <b>31</b>      | <b>147.700</b> | <b>105</b>     | <b>496.000</b> | <b>141</b>     | <b>647.900</b> |

### 2.6.4 Compensation for users on private-owned land plots

282. 4 AHs (7 APs) are illegally using the private-owned land plots planting fruit trees and crops. According to LARP provisions, the compensation for fruit trees will be paid to owners as calculated in the tables K8 and K9, while these 4 AHs will be compensated with one year yeild from their fruit trees and crops (see table K12).

**Table K12: Compensation for Yield Losses**

| Category   | No of AHs | Unit Cost  | Total               |
|--|-----------|------------|---------------------|
|  |           |            | AMD                 |
| Non land improvements (fruit trees and crops) of illegal users on privat-owned land plots                            | 4         | 275.411,50 | 1.101.646,00        |
| <b>Total</b>   | <b>4</b>  | <b>-</b>   | <b>1.101.646,00</b> |
| * The allowance was calculated individually for each AH. The unit costs in this table represent the average amounts. |           |            |                     |

## 2.6.5. Estimation of provisional budget for fruit trees and crops on the not inventoried inaccessible locations

283. It is assumed that during the LARP implementation the owners or users of inaccessible not inventoried land plots might be identified/self-identified and claim on the usage of affected assets on not inventoried locations/land plots. In cases, when the owners or users are identified/self-identified and it will be possible to carry out an inventory with the help of APs, the inventoried improvements will be subject for compensation under the LARP in accordance with LARP provisions. In this regard, the estimation has been carried out to provide a provisional budget in LARP for possible fruit trees and crops on inaccessible not inventoried land plots (the estimation methodology and calculation details are provided in Appendix 2, section 8). According to the estimation results:

- The possible number of fruit trees on the not inventoried land plots are 5038.5 (No)
- The possible area of crops on the not inventoried land plots are 55.3 sqm

284. The calculated average costs of fruit trees and crops has been multiplied to the possible number of fruit trees and area of crops on the not inventoried land plots (locations) as a result of which the estimated provisional budget has been determined in total amount of **94.980.572 AMD**, of which:

- The estimated total cost for the possible fruit trees on the not inventoried land plots (locations): 94,931,298 AMD
- The estimated total cost for the possible crops on the not inventoried land plots (locations): 49,274 AMD

## 2.7. Compensation for Business and Income Losses

285. The unit cost of permanent loss of businesses with tax declaration is calculated based on 1 year's net income. In the absence of a tax declaration, a business AP will receive a rehabilitation allowance based on the minimum non-taxable salary. Taking into account that at the moment of LARP preparation no information has been provided neither by AP, not by State Revenue Committee (SRC) on tax declaration of the affected business, but at the same time the business owner verbally informed that the business is registered (legal), therefore it was considered as a business with tax declaration, but the rehabilitation allowance is calculated based on official minimum salary for 1 year and amounts to **660.000 AMD**. As soon as the information from SRC is provided, the compensation will be recalculated accordingly based on 1 year's net income.

**Table K13: Compensation for Business Losses**

| Type of Business                                 | Business | Income months | Net monthly income | Net annual income | Total             | Registration cost/provision of address | Total compensation including registration costs |
|--|----------|---------------|--------------------|-------------------|-------------------|--|---|
|  | No       | No            | AMD                | AMD               | AMD               | AMD                                    | AMD   |
| <b>Permanently Affected With Tax Declaration</b> |          |               |                    |                   |                   |  |   |
| Business 1                                       | 1        | 12            | 55.000,00          | n.a               | 660.000,00        | n.a                                    | 660.000,00                                      |
| <b>Total</b>                                     | <b>1</b> | <b>-</b>      | <b>-</b>           | <b>-</b>          | <b>660.000,00</b> | <b>-</b>                               | <b>660.000,00</b>                               |

## 2.8. Rehabilitation Allowances

### 2.8.1 Severe Impact Allowances

286. The severely affected AH losing more than 10% of productive income generating asset are 64. One additional crop compensation covering 1-year's yield is provided for severely affected households losing agricultural income generated asset. Others receive an allowance equivalent to 6 months of minimum salary (55,000.00 AMD X6=330,000AMD)<sup>25</sup>. The relocated AHs will receive an allowance equivalent to 6 months of minimum salary. Compensation for all severely affected AHs is **29.850.494,00** AMD. For details, please see Table K14.

**Table K14: Severely Affected Households**

| Category   | No of AHs | Unit Cost  | Total                |
|--|-----------|------------|----------------------|
|  |           |            | AMD                  |
| Severely AHs losing more than 10% of agricultural income   | 60        | 464.508,23 | 27.870.494,00        |
| Severely Affected AHs to be relocated  | 6         | 330.000,00 | 1.980.000,00         |
| <b>Total (without double counting)</b>   | <b>64</b> | <b>-</b>   | <b>29.850.494,00</b> |
| * The allowance was calculated individually for each AH. The unit costs in this table represent the average amounts. |           |            |                      |

### 2.8.2 Allowances to Vulnerable Groups

287. Additional allowances are provided to vulnerable groups,<sup>26</sup> including AHs headed by women, the elderly and disabled persons, as well as AHs registered in evaluation system of vulnerability of families (ESVF). The allowance is equivalent to 6 months of minimum salary (55,000 AMD). In addition, vulnerable households have priority for employment as unskilled laborers in project-related jobs. The total allowance for 28 vulnerable AHs is **9.240.000** AMD.

288. The rehabilitation allowance for vulnerable residential relocated AHs equal to the difference of compensation cost calculated for their affected residential apartment between the market value of the minimum similar residential apartment is already included in the total compensation cost calculated for affected residential buildings (see table K15).

**Table K15: Allowances to Socially Vulnerable People**

| Community | Poor AHs |     | Woman headed AHs |     | Elderly headed AHs |     | Disabled headed AHs |     | Total AHs without double counting |     | Allowance Amount | Total        |
|-----------|----------|-----|------------------|-----|--------------------|-----|---------------------|-----|-----------------------------------|-----|------------------|--------------|
|           | AHs      | APs | AHs              | APs | AHs                | APs | AHs                 | APs | AHs                               | APs | AMD              | AMD          |
|           | No       | No  | No               | No  | No                 | No  | No                  | No  | No                                | No  |                  |              |
| Alaverdi* | 5        | 15  | 9                | 16  | 10                 | 14  | -                   | -   | 16                                | 33  | 330.000,00       | 5.280.000,00 |
| Odzun**   | 1        | 3   | 5                | 8   | 2                  | 2   | -                   | -   | 7                                 | 12  | 330.000,00       | 2.310.000,00 |
| Haghpat   | -        | -   | 1                | 2   | -                  | -   | -                   | -   | 1                                 | 2   | 330.000,00       | 330.000,00   |
| Artchis   | 1        | 5   | -                | -   | -                  | -   | -                   | -   | 1                                 | 5   | 330.000,00       | 330.000,00   |
| Neghots   | 1        | 6   | -                | -   | 1                  | 2   | -                   | -   | 2                                 | 8   | 330.000,00       | 660.000,00   |

<sup>25</sup> See the Article 1 of "RA Law on minimum salary" (20-66-L), adopted on 17.12.2003 and changed on 01.12.2014.

<sup>26</sup> All vulnerable AHs, including owners, leaseholders and informal tenants will be compensated.



| Community   | Poor AHs |           | Woman headed AHs |           | Elderly headed AHs |           | Disabled headed AHs |          | Total AHs without double counting |           | Allowance Amount  | Total               |
|---|----------|-----------|------------------|-----------|--------------------|-----------|---------------------|----------|-----------------------------------|-----------|-------------------|---------------------|
|   | AHs      | APs       | AHs              | APs       | AHs                | APs       | AHs                 | APs      | AHs                               | APs       | AMD               | AMD                 |
|   | No       | No        | No               | No        | No                 | No        | No                  | No       | No                                | No        |                   |                     |
| Shnogh  | -        | -         | -                | -         | 1                  | 2         | -                   | -        | 1                                 | 2         | 330.000,00        | 330.000,00          |
| <b>Total</b>  | <b>8</b> | <b>29</b> | <b>15</b>        | <b>26</b> | <b>14</b>          | <b>20</b> | <b>-</b>            | <b>-</b> | <b>28</b>                         | <b>62</b> | <b>330.000,00</b> | <b>9.240.000,00</b> |
| <i>*Alaverdi: 2 AHs are poor, woman and elderly headed, 1 AH is both poor and woman headed, 3 AHs are both women and elderly headed.</i><br><i>**Odzun: 1 AH is both women and elderly headed</i> |          |           |                  |           |                    |           |                     |          |                                   |           |                   |                     |

### 2.8.3 Relocation and Livelihood Restoration Allowances

289. The relocation allowances were calculated taking into account the costs that will be incurred for the transportation of movable assets. Transportation costs were determined according to the average cost of such services offered by several freight shipping organizations available in the market. The calculation allows the AP to move his/her property within a 20 km. radius. The allowance is calculated for all APs that need to relocate their assets. In total 540,000.00 AMD will be paid for the relocation of movable structure and asset (Table K17) and 2.340.250,00AMD will be paid for the relocation of movable assets of small, middle and large gabarits (Table K16). The total compensation for movable assets amounts to **2.880.250.00** AMD.

**Table K16: Transportation Costs**

| Type of allowance for transportation assets  | Trips required | Unit rate | Total               |
|--|----------------|-----------|---------------------|
|  | No             | AMD       | AMD                 |
| Small gabarites  | 35.250,00      | 61        | 2.150.250,00        |
| Middle gabarites*  | 50.000,00      | 1         | 50.000,00           |
| Large gabarites  | 70.000,00      | 2         | 140.000,00          |
| <b>Total</b>   | <b>-</b>       | <b>64</b> | <b>2.340.250,00</b> |
| *This is a small monument attached to the wall, which must be dismantled and removed by the owner. |                |           |                     |

**Table K17: Transportation Costs for Movable Structure and Asset**

| Lot   | Type of Affected Structures | Construction Type | Buildings | Affected Surface | Trip | Unit cost | Total for compensation |
|-------|-----------------------------|-------------------|-----------|------------------|------|-----------|------------------------|
|       |                             |                   | No        | m²               | No   | AMD       | AMD                    |
| Lot 1 | Alaverdi                    |                   |           |                  |      |           |                        |
|       | Kiosk                       | Metal             | 1         | 7,6              | 1    | 90.000,00 | 90.000,00              |
|       | Odzun                       |                   |           |                  |      |           |                        |
|       | Kiosk                       | Metal             | 1         | 3                | 1    | 90.000,00 | 90.000,00              |
|       | Construction                | Metal             | 1         | 15               | 1    | 90.000,00 | 90.000,00              |
| Lot 2 | Alaverdi                    |                   |           |                  |      |           |                        |
|       | Kiosk                       | Metal             | 1         | 7,7              | 1    | 90.000,00 | 90.000,00              |
| Lot 3 | Shnogh                      |                   |           |                  |      |           |                        |
|       | Metal house                 | Metal             | 2         | 85               | 2    | 90.000,00 | 180.000,00             |

| Lot   | Type of Affected Structures | Construction Type | Buildings | Affected Surface | Trip | Unit cost | Total for compensation |
|-------|-----------------------------|-------------------|-----------|------------------|------|-----------|------------------------|
|       |                             |                   | No        | m²               | No   | AMD       | AMD                    |
| Total | Kiosk                       | Metal             | 3         | 18,3             | 1    | 90.000,00 | 270.000,00             |
|       | Construction                | Metal             | 1         | 15               | 1    | 90.000,00 | 90.000,00              |
|       | Metal house                 | Metal             | 2         | 85               | 1    | 90.000,00 | 180.000,00             |
|       | Total                       |                   | 6         | 118,3            | 4    | -         | 540.000,00             |

290. Additionally, a transitional livelihood allowance equal to one month minimum salary is provided to 6 AHs to be relocated. The total cost of the relocation allowances will be 330,000.00 AMD.

**Table K18: Livelihood restoration allowance**

| Livelihood restoration allowance | AHs | Unit Rate | Total      |
|----------------------------------|-----|-----------|------------|
|                                  | No  | AMD       | AMD        |
| Total                            | 6   | 55.000,00 | 330.000,00 |

## 2.9 Registration Costs and Applicable Taxes

291. Under the LARP there will be no deductions from the compensation paid to APs. During the signing of acquisition contracts and the re-registration of properties, certain mandatory fees and taxes are payable according to RA legislation.

**Table K19: Fees for Property Acquisition and Registration**

| Registration expenses   | No of assets* | Cadastral expenses (AMD) | Notary expenses (AMD) | Total (AMD)          |
|---|---------------|--------------------------|-----------------------|----------------------|
| Transaction expenses (signing of alienation contract, registration of alienation contract and court decision) | 395           | 14.453.000,00            | 5.505.500,00          | 19.958.500,00        |
| <b>Total</b>  | -             | <b>14.453.000,00</b>     | <b>5.505.500,00</b>   | <b>19.958.500,00</b> |

*\*The number of asset is the number of divided parts as a result of acquisition, namely: one affected land plot (mainly the community land plots) can be divided into several parts.*

292. In total, **19,958,500.00 AMD** will be paid for the registration of properties on RA name.

293. In cases defined under the RA tax legislation related to property alienation of APs: owners, legal entities, private entrepreneurs and individuals who are not entrepreneurs may have tax commitments. In this regard, the Article 11, part 5 of the "RA Law on Alienation of the property for public and state purposes" disposes that the acquirer compensates to the expropriated property owner all the financial responsibilities (taxes, mandatory fees etc.) related to property expropriation.

294. However, shall be considered the fact that under point 'b' of article 15 of RA law on Taxes, unless otherwise provided by tax legislation taxpayers are obligated to calculate due amount of taxes themselves and pay them to the budget for the results of due period. Abovementioned provision imply that taxpayer APs shall calculate themselves the taxes arising as a result of property acquisition and pay them to the state budget within the terms defined by law, acquirer is responsible to compensate to the AP all the taxes arising in regard of the property acquisition.

295. The acquirer's obligation to compensate taxes arises after the submission by the AP to

the acquirer such request with relevant supporting grounds. In any case, the TPIO will notify and support APs to pay attention on the requirements of tax law. Under LARP natural persons working for the affected organization and individual entrepreneur and losing their job (hereinafter: Employees) are also entitled to cash compensation.

296. The cash compensation given to the employees are subject to income tax according to RA law on Income tax. Considering that by virtue of RA law “On Alienation of the property for public and state purposes” the acquirer is required to compensate only the owners taxes arising in connection to the acquisition of the property, the income tax arising of the employees compensation shall not be compensated and shall be deducted from compensation amount to be given to the employees. The income tax shall be calculated and paid in accordance with RA legislation.

297. LARP Summary budget is comprised of relevant funds to ensure the acquirer’s tax commitments arising according to RA legislation. However, it is not possible to arrive at the exact amount required to fulfill the obligation as per the RA legislation at finalization of LARP stage, in case the estimated calculated amount in LARP budget does not suffice to cover taxes, the Government will ensure the provision of additional budget.

298. It is estimated in total **156.794,92** AMD VAT and profit tax to be paid for affected properties.

**Table K20: Value Added Tax for the Affected Properties**

| Property Type per Cadaster | Compensation Amount | VAT (AMD)         | Profit Tax        |
|----------------------------|---------------------|-------------------|-------------------|
| Residential construction   | 51.405,00           | 10.281,00         | 10.281,00         |
| Other industrial           | 348.390,20          | 97.166,04         | 97.166,04         |
| Energy                     | 11.435,60           | 2.287,12          | 2.287,12          |
| Commercial construction    | 235.303,80          | 47.060,76         | 47.060,76         |
| <b>Total</b>               | <b>646.534,60</b>   | <b>156.794,92</b> | <b>156.794,92</b> |

## 2.10 Administrative Costs

299. In total **10.756.000,00** AMD will be paid for legalization and cadastral corrections, 1.580,000.00 AMD for court expenses<sup>27</sup> and 17,710,000.00 AMD for changing of target purpose of acquired land plots (see tables K21-K23).

**Table K21: Expenses for Legalisation and Cadastral Corrections**

| Legalisation and cadastral corrections expenses | No of assets | Total cost (AMD)     |
|---|--------------|----------------------|
| Cadastral expenses                              | 367          | 8.767.000,00         |
| Notary expenses                                 | 81           | 1.989.000,00         |
| <b>Total</b>                                    | -            | <b>10.756.000,00</b> |

**Table K22: Court Expenses**

| Court expenses | No of assets | Unit Cost       | Total expenses      |
|----------------|--------------|-----------------|---------------------|
| <b>Total</b>   | <b>395</b>   | <b>4.000,00</b> | <b>1.580.000,00</b> |

<sup>27</sup> The court expenses have been estimated for all private-owned land plots.

**Table K23: Expenses for Changing of Target purpose of Land Plots**

| Chganging of target pupose of Land plots | No of assets | Unit Cost | Total expenses |
|--|--------------|-----------|----------------|
| Total                                    | 506          | 35.000,00 | 17.710.000,00  |

### 3. Summary Costs and Source Of Financing

300. The total estimated cost of LAR calculated for this Project is **814.646.450,15 AMD**, which is equivalent to **1.684.337,03 USD**, as detailed in Table K24 below. The MTCIT will ensure that the funds for the compensation of land acquisition and resettlement are approved and allocated by the Ministry of Finance and transferred to the accounts on time for the implementation of this LARP.

301. Miscellaneous expenses including the cost for GRM and legalization have been included to cover administrative costs, which may be incurred during the implementation of the LARP. This has been considered on a lump sum basis. Moreover, the transaction costs for the registration of land and buildings to be paid by the project have been listed. The registration cost has been calculated for each property to be acquired for the project. The likely expenses that includes under this head are (i) expenses related to the notary services and any payments of state taxes, (ii) state taxes to the state cadastral registration body (SCREC), (iii) taxes related to the registration of ownership rights, (iv) possible taxes that might be incurred during the compensation process. For calculation of registration expenses each land part has been considered, as there can be several part of a land plot. For community land plot, only the expenses related to the registration of ownership rights has been considered. The expenses for possible court cases have also been considered in the administrative budget on a lump sum basis. The expenses related to the internal monitoring of LARP implementation will also be covered by LARP administrative budget.

302. The budget for Implementation consulting services (Social Safeguards Support Consultant) for ADB financed section is not included in the budget of this LARP as it is covered from the Loan funds. The budget for External Monitoring Individual Consultant (EMIC) will be covered by Loan funds.

303. For all impact changes (if any) emerged during the LARP implementation as a result of cadastral corrections, design changes/solutions or other reasons an amendment to the LARP will be developed (if needed), and the Government will ensure the provision of additional required budget for LAR compensation and implementation of such cases.

**Table K24: Summary LARP Implementation Budget**

| Item   | Total/AMD      |
|--|----------------|
| Compensation for private lands (Including 15% surcharge) | 142.452.174,86 |
| Compensation for rented land                             | 2.141,88       |
| Compensation for buildings                               | 121.914.255,20 |
| Compensation for fences                                  | 49.530.073,05  |
| Compensation for improvements                            | 20.416.710,00  |
| Compensation for crops                                   | 134.545,00     |

| Item   | Total/AMD             |
|--|-----------------------|
| Compensation for fruit trees and bushes  | 185.847.835,70        |
| Compensation for wood trees  | 391.530,00            |
| Compensation for decorative trees and bushes   | 647.900,00            |
| Provisional compensation for fruit trees and crops on inaccessible land plots  | 94.980.572,00         |
| Compensation for business loss   | 660.000,00            |
| Allowances to severely affected households   | 27.870.494,00         |
| Compensation for non land improvements by users of private lands   | 1.101.646,00          |
| Allowances to socially vulnerable people   | 8.910.000,00          |
| Transportation costs for movable assets  | 2.880.250,00          |
| Livelihood expenses for relocated AHs  | 330.000,00            |
| State registration and notarial services (alienation) and expense for cadastral drawing registration-registration servoces for all lands | 19.958.500,00         |
| Compensation of applicable Taxes   | 313.589,84            |
| <b>Total Compensation and allowances</b>   | <b>678.342.217,53</b> |
| <b>Administrative cost</b>   |                       |
| Expences for legalisation and cadastral corrections  | 10.756.000,00         |
| Expences for changing of target purpose of land plots  | 17.710.000,00         |
| Court expenses   | 1.580.000,00          |
| <b>Total Administrative cost</b>   | <b>30.046.000,00</b>  |
| <b>Total</b>   | <b>708.388.217,53</b> |
| Contingency (15% of total)   | <b>106.258.232,63</b> |
| <b>Grand Total (AMD)</b>   | <b>814.646.450,15</b> |
| <b>Grand Total (USD)</b><br><i>1 USD=483.66 as of 21.11.2017, Central Bank</i>   | <b>1.684.337,03</b>   |

304. The total LAR budget will be **814.646.450,15 AMD (1.684.337,03 USD)** that includes compensation of all losses, allowances and unforeseen expenses. The GoA has already allocated some funds for LARP implementation purposes, and will ensure the provision of additional funds, if needed.

305. In addition, the total provisional budget for sensitive properties (residential buildings) estimated in amount of **845.646.000 AMD**, which is subject for recalculation based on the final results of vibration survey. The estimated budget is not included in the summary of LARP implementation budget, but the Government will ensure the provision of additional required recalculated budget for the properties subject to permanent acquisition due to safety reasons to be confirmed by vibration survey before the start of construction works.

## **L. MONITORING AND EVALUATION**

### **1. Introduction**

306. LARP implementation will routinely be monitored internally by the TPIO, with outcomes reported to ADB in the Quarterly Progress Reports (QPR), as well as in Semiannual Social Monitoring Reports (SSMR) prepared by TPIO. The QPRs and SSMRs will be prepared by TPIO based on the LARP implementation Completion Report (CR) prepared by SSSC. There is no requirement of involvement of External Monitoring Agency (EMA) for LARP implementation given the fact, that the LARP is categorized as category B in terms of involuntary resettlement. However, it is agreed that an External Monitoring Individual Consultant (EMIC)<sup>28</sup> will be engaged, whose tasks will be to monitor LARP implementation process, identify issues, bottlenecks, will be required to verify the TPIO's monitoring information and recommend appropriate solutions/corrective measures (if any).

307. The key objective is to ascertain; a) the effectiveness of the LAR planning process (including data collection, review, and verification and final LARP preparation by the consultants), b) LARP implementation (including the delivery of compensation and allowances, consultation and grievance redress) and c) the long-term rehabilitation effect of the LAR Program.

### **2. Internal Monitoring**

308. Internal monitoring will be carried out routinely by RCT-TPIO. The results will be communicated to ADB through the Semiannual Social Monitoring Reports (SSMR). The SSMR will be prepared based on the LARP implementation Completion report prepared by the SSSC. Indicators for the internal monitoring are those related to processes, immediate outputs and results, for which data will be collected monthly to assess the progress and results of LARP implementation, and to adjust the work program, if necessary. The internal monitoring benchmarks are:

- (i) Status of land acquisition and payments on land compensation;
- (ii) Payment of compensation for affected structures and other assets;
- (iii) Relocation of APs;
- (iv) Payments for loss of income;
- (v) Payment of allowances, resettlement benefits, relocation assistance;
- (vi) Provision of assistance;
- (vii) Income and/or livelihood restoration activities;
- (viii) LAR gender provisions;
- (ix) Grievance redress; and
- (x) Other support services.

309. Internal monitoring will cover all the APs identified during the DMS/Census. Monitoring data will be collected through the following methods:

- (i) Review of census and entitlement data for all APs;
- (ii) Consultation and informal interviews with APs;
- (iii) Key informant interviews;
- (iv) The grievance redress register; and
- (v) Community public meetings.

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<sup>28</sup> The External Monitoring Individual Consultant (EMIC) will be engaged as an individual consultant from the Loan funds.

### **3 External Monitoring**

310. External monitoring will be carried out by an External Monitoring Individual Consultant (EMIC) and will entail only short term-monitoring/evaluation of LARP implementation and compensation delivery.
311. This task will be carried out in parallel with the implementation of LARP activity and will entail field visits and communication with APs and the EA. This task will result in a final LAR compliance report indicating whether the compensation program has been carried out in accordance with the provisions of the LARP and ADB's safeguards requirements and to be submitted to ADB and will be a condition for the start of physical civil works. Separate Completion reports will be prepared for each subsection of LARP implementation. The Completion Reports will include:
- Verification of AH and AP numbers;
  - Verification of the impacts measurements in the protocols vis-à-vis actual impacts;
  - Verification of unit compensation rates used in the protocols vis-à-vis LARP provisions;
  - Verification of delivery of compensation to all AHs, including the relevant gender provisions, and in the amount defined in the LARP;
  - Assessment of the way the compensation process was conducted/timed in relation to LARP provisions and effectiveness parameters;
  - Review of grievance cases including an assessment of whether grievance resolution was carried out in accordance with LARP provisions and with AP's satisfaction;
  - Assessment of process and completion of expropriation cases;
  - Assessment of number and process of public consultation and EA-AP communication;
  - Assessment of delivery of allowances to severely affected, vulnerable and resettled AHs; and
  - Final assessment of the appropriateness of LARP implementation and suggestion of necessary corrective measures.

## **APPENDIX 1. List of APs with Relative Losses**



| ID  | AHH ID      | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure |    | Movable structures |    | Affected Fence |                 | Affected Improvements |          |                  | Trees |         |        | Assets to be relocated | Affected Households |                  |                      |              |  |                       |
|-----|-------------|------------|------------------|---------------|--------------------------------|----------|------------------------------|--------------------|----|--------------------|----|----------------|-----------------|-----------------------|----------|------------------|-------|---------|--------|------------------------|---------------------|------------------|----------------------|--------------|--|-----------------------|
|     |             |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material | Area, m2, lm, no | Type  | Subtype | No/M 2 |                        | No of AHs           | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 300 |             | Akhtala    | 06-003-0060-0001 | Community     | Directly held by the community | 203.60   | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 301 |             | Akhtala    | 06-003-0612-0001 | RA            | -                              | 33.90    | Transport                    |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 302 |             | Akhtala    | 06-003-0614-0001 | RA            | -                              | 8,306.00 | Transport                    |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 303 |             | Akhtala    | 06-003-0061-0001 | Community     | Directly held by the community | 3,925.60 | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 304 |             | Akhtala    | 06-003-0063-0012 | Community     | Directly held by the community | 568.70   | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 305 |             | Akhtala    | 06-003-0062-0018 | Community     | Directly held by the community | 133.00   | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 306 |             | Akhtala    | 06-003-0062-0009 | Community     | Directly held by the community | 31.40    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 307 |             | Akhtala    | 06-003-0062-0001 | Community     | Directly held by the community | 710.60   | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 308 |             | Akhtala    | 06-003-0062-0058 | Community     | Directly held by the community | 18.50    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 309 |             | Alaverdi   | 06-002-0001-0001 | Community     | Directly held by the community | 711.80   | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 310 |             | Alaverdi   | 06-002-0001-0052 | Community     | Directly held by the community | 9.50     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 311 |             | Alaverdi   | 06-002-0001-0053 | Community     | Directly held by the community | 610.30   | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 312 |             | Alaverdi   | 06-002-0001-0054 | Community     | Directly held by the community | 223.30   | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 313 |             | Alaverdi   | 06-002-0001-0057 | Community     | Directly held by the community | 5.00     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
|     | Leaseholder |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |          |                  |       |         |        | 1                      | 1                   |                  |                      |              |  |                       |
| 314 |             | Alaverdi   | 06-002-0001-0058 | Community     | Directly held by the community | 4.80     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 315 |             | Alaverdi   | 06-002-0003-0008 | Community     | Directly held by the community | 5.30     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 316 |             | Alaverdi   | 06-002-0004-0002 | Community     | Directly held by the community | 67.40    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 317 |             | Alaverdi   | 06-002-0004-0005 | Community     | Directly held by the community | 12.80    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                  |                      |              |  |                       |
| 318 | 318         | Alaverdi   | 06-002-0006-0016 | Private       | Directly held by the owner     | 235.30   | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        | 1                   | 1                |                      |              |  |                       |

| ID  | AHH ID | Communit<br>y | Lot-Code         | Affected Land    |                                |          |                                       | Affected Structure |       | Movable<br>structures |     | Affected Fence |                    | Affected Improvements |           |                        | Trees  |                    |           | Assets<br>to be<br>relocated | Affected Households |                            |                         |                 |   |                          |
|-----|--------|---------------|------------------|------------------|--------------------------------|----------|---------------------------------------|--------------------|-------|-----------------------|-----|----------------|--------------------|-----------------------|-----------|------------------------|--------|--------------------|-----------|------------------------------|---------------------|----------------------------|-------------------------|-----------------|---|--------------------------|
|     |        |               |                  | Type of<br>owner | Usage<br>Status                | Area, M2 | Type of<br>Land by<br>actual<br>usage | Name               | m2    | Name                  | m2  | Material       | Affected<br>l.m/m2 | Name                  | Material  | Area,<br>m2,<br>lm, no | Type   | Subtype            | No/M<br>2 |                              | No of<br>AHS        | No of<br>AH<br>membe<br>rs | Vulnerability<br>Status | Severely<br>AHH | Non land<br>improvement<br>used by<br>illegal users<br>on private<br>land plots | Residential<br>Relocatee |
| 319 |        | Alaverdi      | 06-002-0006-0017 | Community        | Directly held by the community | 120.90   | Other land                            |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 320 |        | Alaverdi      | 06-002-0006-0024 | Community        | Directly held by the community | 216.10   | Other land                            |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 321 |        | Alaverdi      | 06-002-0006-0040 | Community        | Directly held by the community | 123.00   | Other land                            |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 322 | 322    | Alaverdi      | 06-002-0006-0048 | Private          | Directly held by the owner     | 182.20   | Residential                           |                    |       |                       |     | Stone          | 157.5              |                       |           |                        |        | Décor              | Large     | 3                            |                     | 1                          | 7                       |                 |   |                          |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |     |                |                    |                       |           | Décor                  | Medium | 3                  |           |                              |                     |                            |                         |                 |   |                          |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |     |                |                    |                       |           | Décor                  | Small  | 1                  |           |                              |                     |                            |                         |                 |   |                          |
| 323 |        | Alaverdi      | 06-002-0006-0049 | Community        | Directly held by the community | 48.20    | Road                                  |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 324 | 324    | Alaverdi      | 06-002-0007-0002 | Private          | Directly held by the owner     | 17.50    | Other land                            |                    |       |                       |     |                |                    |                       |           |                        | Fruit  | Fruit-bearing      | 1         |                              | 1                   | 5                          | Poor AHH                |                 |   |                          |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |     |                |                    |                       |           |                        | Fruit  | Not-yet-productive | 1         |                              |                     |                            |                         |                 |   |                          |
| 325 |        | Alaverdi      | 06-002-0007-0009 | Community        | Directly held by the community | 34.40    | Other land                            |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 326 |        | Alaverdi      | 06-002-0007-0010 | Community        | Directly held by the community | 62.20    | Other land                            |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 327 | 327    | Alaverdi      | 06-002-0009-0003 | Community        | Non registered user            | 1,712.80 | Other land                            |                    |       | Kiosk                 | 7.7 |                |                    |                       |           |                        |        |                    |           |                              | 1                   | 2                          | Elderly headed AHH      |                 |   |                          |
| 329 |        | Alaverdi      | 06-002-0010-0024 | Community        | Directly held by the community | 251.80   | Other land                            |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 330 |        | Alaverdi      | 06-002-0029-0001 | Community        | Directly held by the community | 367.60   | Other land                            |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 331 |        | Alaverdi      | 06-002-0031-0001 | Community        | Directly held by the community | 991.30   | Other land                            |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 332 |        | Alaverdi      | 06-002-0031-0020 | RA               | -                              | 28.00    | Transport                             |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 333 |        | Alaverdi      | 06-002-0033-0019 | Community        | Directly held by the community | 84.80    | Other land                            |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 334 |        | Alaverdi      | 06-002-0034-0001 | RA               | -                              | 1,330.00 | Transport                             |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 335 | 335    | Alaverdi      | 06-002-0035-0001 | Community        | Non registered user            | 145.30   | Residential                           | Closet             | 19.00 |                       |     | Stone          | 30                 | Fencing               | wire mesh | 44                     | Fruit  | Fruit-bearing      | 10        | Assets to be relocated       | 1                   | 2                          | Elderly headed AHH      |                 |   |                          |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |     |                |                    |                       |           | Gate                   | metal  | 1                  |           |                              |                     |                            |                         |                 |   |                          |
| 336 |        | Alaverdi      | 06-002-0050-0038 | Community        | Directly held by the community | 3,413.70 | Other land                            |                    |       |                       |     |                |                    |                       |           |                        |        |                    |           |                              |                     |                            |                         |                 |   |                          |
| 337 | 337-1  | Alaverdi      | 06-002-0050-0063 | Community        | Non registered user            | 1,146.70 | Other land                            | Cattle shed        | 29.32 |                       |     | Stone          | 60                 | Fencing               | wire mesh | 9                      | Fruit  | Fruit-bearing      | 1158      |                              | 1                   | 1                          |                         | Severely AHH    |   |                          |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure |    | Movable structures |       | Affected Fence |                 | Affected Improvements |               |                  | Trees         |                     |                     | Assets to be relocated | Affected Households |                   |                      |              |  |                       |  |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|--------------------|----|--------------------|-------|----------------|-----------------|-----------------------|---------------|------------------|---------------|---------------------|---------------------|------------------------|---------------------|-------------------|----------------------|--------------|--|-----------------------|--|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2    | Material       | Affected l.m/m2 | Name                  | Material      | Area, m2, lm, no | Type          | Subtype             | No/M 2              |                        | No of AHHs          | No of AHH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |       | Stone          | 22.5            |                       |               |                  | Fruit         | Not-yet-productiv e | 40                  |                        |                     |                   |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    | Stone | 25             |                 |                       |               | Wood             | Large         | 1                   |                     |                        |                     |                   |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |       |                |                 |                       |               | Wood             | Medium        | 1                   |                     |                        |                     |                   |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |       |                |                 |                       |               | Wood             | Small         | 5                   |                     |                        |                     |                   |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |       |                |                 |                       |               | Décor            | Large         | 6                   |                     |                        |                     |                   |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |       |                |                 |                       |               | Décor            | Medium        | 1                   |                     |                        |                     |                   |                      |              |  |                       |  |
|     | 337-2  |            |                  |               | 337-3                          |          |                              |                    |    |                    |       |                |                 |                       |               |                  |               |                     | Fruit               | Fruit-bearing          | 257                 |                   | 1                    | 1            |  | Severely AHH          |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |       |                |                 |                       |               |                  |               | Fruit               | Fruit-bearing       | 25                     |                     | 1                 | 1                    |              | Severely AHH   |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |       |                |                 |                       |               |                  |               | Fruit               | Not-yet-productiv e | 1                      |                     |                   |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |       |                |                 |                       |               |                  |               | Wood                | Large               | 2                      |                     |                   |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |       |                |                 |                       |               |                  |               | Décor               | Large               | 1                      |                     |                   |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |       |                |                 |                       |               |                  |               |                     |                     |                        |                     |                   |                      |              |  |                       |  |
| 338 |        | Alaverdi   | 06-002-0137-0007 | Community     | Directly held by the community | 55.00    | Other land                   |                    |    |                    |       |                |                 |                       |               |                  |               |                     |                     |                        |                     |                   |                      |              |  |                       |  |
| 339 |        | Alaverdi   | 06-002-0137-0008 | Community     | Directly held by the community | 11.30    | Other land                   |                    |    |                    |       |                |                 |                       |               |                  |               |                     |                     |                        |                     |                   |                      |              |  |                       |  |
| 340 |        | Alaverdi   | 06-002-0137-0014 | Community     | Directly held by the community | 74.30    | Other land                   |                    |    |                    |       |                |                 |                       |               |                  |               |                     |                     |                        |                     |                   |                      |              |  |                       |  |
| 341 |        | Alaverdi   | 06-002-0137-0015 | Community     | Directly held by the community | 1,298.20 | Other land                   |                    |    |                    |       |                |                 |                       |               |                  |               |                     |                     |                        |                     |                   |                      |              |  |                       |  |
| 342 | 342    | Alaverdi   | 06-002-0138-0001 | Community     | Non registered user            | 63.60    | Other land                   |                    |    |                    |       |                |                 |                       |               | Fruit            | Fruit-bearing | 7                   |                     | 1                      | 2                   |                   |                      |              |  |                       |  |
|     | 342-1  | Alaverdi   |                  |               |                                |          | Shed                         | 4.00               |    |                    |       |                | Fencing         | wood                  | 21            | Fruit            | Fruit-bearing | 54                  |                     | 1                      | 4                   |                   |                      |              |  |                       |  |
| 343 | 343    | Alaverdi   | 06-002-0138-0009 | Community     | Non registered user            | 313.10   | Other land                   |                    |    |                    |       |                |                 | Fencing               | wood/metal    | 15               | Fruit         | Fruit-bearing       | 2                   |                        | 1                   | 2                 | Woman headed AHH     | Severely AHH |  |                       |  |
|     | 343-1  |            |                  |               |                                |          |                              |                    |    |                    |       |                |                 | Fruit                 | Fruit-bearing | 5                |               | 1                   | 6                   |                        | Severely AHH        |                   |                      |              |  |                       |  |
| 344 |        | Alaverdi   | 06-002-0138-0010 | Community     | Directly held by the community | 61.30    | Other land                   |                    |    |                    |       |                |                 |                       |               |                  |               |                     |                     |                        |                     |                   |                      |              |  |                       |  |
| 345 |        | Alaverdi   | 06-002-0140-0001 | Community     | Directly held by the community | 89.40    | Other land                   |                    |    |                    |       |                |                 |                       |               |                  |               |                     |                     |                        |                     |                   |                      |              |  |                       |  |
| 346 |        | Alaverdi   | 06-002-0140-0003 | Community     | Directly held by the community | 176.20   | Other land                   |                    |    |                    |       |                |                 |                       |               |                  |               |                     |                     |                        |                     |                   |                      |              |  |                       |  |
| 348 |        | Alaverdi   | 06-002-0140-0007 | Community     | Directly held by the community | 29.50    | Other land                   |                    |    |                    |       |                |                 |                       |               |                  |               |                     |                     |                        |                     |                   |                      |              |  |                       |  |

| ID  | AHH ID | Communit<br>y | Lot-Code         | Affected Land    |                                |          |                                       | Affected Structure |       | Movable<br>structures |    | Affected Fence |                    | Affected Improvements |           |                        | Trees              |               |           | Assets<br>to be<br>relocated | Affected Households |                             |                             |                          |   |                          |
|-----|--------|---------------|------------------|------------------|--------------------------------|----------|---------------------------------------|--------------------|-------|-----------------------|----|----------------|--------------------|-----------------------|-----------|------------------------|--------------------|---------------|-----------|------------------------------|---------------------|-----------------------------|-----------------------------|--------------------------|---|--------------------------|
|     |        |               |                  | Type of<br>owner | Usage<br>Status                | Area, M2 | Type of<br>Land by<br>actual<br>usage | Name               | m2    | Name                  | m2 | Material       | Affected<br>l.m/m2 | Name                  | Material  | Area,<br>m2,<br>lm, no | Type               | Subtype       | No/M<br>2 |                              | No of<br>AHHs       | No of<br>AHH<br>membe<br>rs | Vulnerability<br>Status     | Severely<br>AHH          | Non land<br>improvement<br>used by<br>illegal users<br>on private<br>land plots | Residential<br>Relocatee |
| 349 |        | Alaverdi      | 06-002-0141-0001 | Community        | Directly held by the community | 892.20   | Other land                            |                    |       |                       |    |                |                    |                       |           |                        |                    |               |           |                              |                     |                             |                             |                          |   |                          |
| 350 | 350    | Alaverdi      | 06-002-0141-0002 | Private          | Directly held by the owner     | 17.50    | Orchard                               |                    |       |                       |    |                |                    | Fencing               | wire mesh | 15                     | Fruit              | Fruit-bearing | 10        |                              | 1                   | 1                           | Elderly headed AHH          | Severely AHH             |   |                          |
| 351 | 351    | Alaverdi      | 06-002-0141-0003 | Community        | Non registered user            | 153.20   | Other land                            | Toilet             | 2.00  |                       |    | Stone          | 40                 | Fencing               | wood      | 25                     | Fruit              | Fruit-bearing | 613       |                              | 1                   | 2                           | Poor and Elderly headed AHH | Severely AHH             |   |                          |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |    |                | Door               | metal                 | 1         | Fruit                  | Not-yet-productive | 2             |           |                              |                     |                             |                             |                          |   |                          |
| 352 | 352    | Alaverdi      | 06-002-0141-0004 | Community        | Non registered user            | 216.10   | Other land                            | Shed               | 5.72  |                       |    | Stone          | 105.6              | Fencing               | wood      | 30                     | Fruit              | Fruit-bearing | 20        | Assets to be relocated       | 1                   | 5                           |                             |                          |   |                          |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |    |                | Fencing            | wire mesh             | 10        | Crop                   | -                  | 30            |           |                              |                     |                             |                             |                          |   |                          |
| 354 |        | Alaverdi      | 06-002-0141-0023 | Community        | Directly held by the community | 48.30    | Other land                            |                    |       |                       |    |                |                    |                       |           |                        |                    |               |           |                              |                     |                             |                             |                          |   |                          |
| 355 | 355    | Alaverdi      | 06-002-0142-0004 | Community        | Non registered user            | 56.20    | Other land                            |                    |       |                       |    |                |                    |                       |           |                        | Fruit              | Fruit-bearing | 6         |                              | same as 350 ID      | same as 350 ID              | same as 350 ID              | Severely AHH             |   |                          |
| 356 |        | Alaverdi      | 06-002-0143-0001 | Community        | Directly held by the community | 571.30   | Other land                            |                    |       |                       |    |                |                    |                       |           |                        |                    |               |           |                              |                     |                             |                             |                          |   |                          |
| 357 |        | Alaverdi      | 06-002-0143-0002 | Community        | Directly held by the community | 220.00   | Other land                            |                    |       |                       |    |                |                    |                       |           |                        |                    |               |           |                              |                     |                             |                             |                          |   |                          |
| 358 |        | Alaverdi      | 06-002-0143-0005 | Community        | Directly held by the community | 260.40   | Other land                            |                    |       |                       |    |                |                    |                       |           |                        |                    |               |           |                              |                     |                             |                             |                          |   |                          |
| 359 | 359    | Alaverdi      | 06-002-0143-0006 | Private          | Directly held by the owner     | 105.40   | Industrial                            |                    |       |                       |    | Stone          | 30                 |                       |           |                        | Fruit              | Fruit-bearing | 2         |                              | 1                   | 4                           |                             |                          |   |                          |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |           |                        |                    |               |           | 1                            | 1                   |                             |                             |                          |   |                          |
| 360 | 360    | Alaverdi      | 06-002-0191-0010 | Community        | Non registered user            | 304.20   | Other land                            | Pigsty             | 11.50 |                       |    |                |                    |                       |           |                        | Fruit              | Fruit-bearing | 5         | Assets to be relocated       | 1                   | 2                           |                             | Severely AHH             |   |                          |
| 361 | 361    | Alaverdi      | 06-002-0191-0011 | Private          | Directly held by the owner     | 400.00   | Residential                           | Residential house  | 48.80 |                       |    |                |                    | Stairs                | concrete  | 5                      | Fruit              | Fruit-bearing | 282       | Assets to be relocated       | 1                   | 6                           |                             | Severely AHH             |   |                          |
|     |        |               |                  |                  |                                |          |                                       | Hencoop            | 8.40  |                       |    |                |                    | Platform              | concrete  | 5                      | Wood               | Small         | 1         |                              |                     |                             |                             |                          |   |                          |
|     |        |               |                  |                  |                                |          |                                       | Toilet             | 1.50  |                       |    |                |                    |                       |           |                        | Décor              | Large         | 1         |                              |                     |                             |                             |                          |   |                          |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |           |                        | Crop               | -             | 10        |                              |                     |                             |                             |                          |   |                          |
| 361 | 361-1  | Alaverdi      | 06-002-0191-0011 |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |           |                        |                    |               |           | 1                            | 1                   | Woman headed AHH            |                             | Non land improvement AHH |   |                          |
| 362 | 362    | Alaverdi      | 06-002-0191-0014 | Private          | Directly held by the owner     | 246.90   | Residential                           |                    |       |                       |    | In-situ r/c    | 28.5               |                       |           |                        | Fruit              | Fruit-bearing | 6         |                              | 1                   | 1                           |                             | Severely AHH             |   |                          |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |           |                        | Crop               | -             | 20        |                              |                     |                             |                             |                          |   |                          |
| 362 | 362-1  | Alaverdi      | 06-002-0191-0014 |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |           |                        |                    |               |           | same as 360 ID               | same as 360 ID      |                             |                             | Non land improvement AHH |   |                          |
| 363 | 363    | Alaverdi      | 06-002-0191-0015 | Community        | Non registered                 | 100.10   | Other land                            |                    |       |                       |    |                |                    |                       |           |                        | Fruit              | Fruit-bearing | 6         |                              | 1                   | 7                           |                             | Severely AHH             |   |                          |

| ID  | AHH ID | Communit<br>y | Lot-Code         | Affected Land    |                                      |          |                                       | Affected Structure   |       | Movable<br>structures |    | Affected Fence |                    | Affected Improvements |           |                        | Trees                      |                            |                              | Assets<br>to be<br>relocated | Affected Households  |                                    |                         |                 |   |                          |
|-----|--------|---------------|------------------|------------------|--------------------------------------|----------|---------------------------------------|----------------------|-------|-----------------------|----|----------------|--------------------|-----------------------|-----------|------------------------|----------------------------|----------------------------|------------------------------|------------------------------|----------------------|------------------------------------|-------------------------|-----------------|---|--------------------------|
|     |        |               |                  | Type of<br>owner | Usage<br>Status                      | Area, M2 | Type of<br>Land by<br>actual<br>usage | Name                 | m2    | Name                  | m2 | Material       | Affected<br>l.m/m2 | Name                  | Material  | Area,<br>m2,<br>lm, no | Type                       | Subtype                    | No/M<br>2                    |                              | No of<br>AHHs        | No of<br>AHH<br>membe<br>rs        | Vulnerability<br>Status | Severely<br>AHH | Non land<br>improvement<br>used by<br>illegal users<br>on private<br>land plots | Residential<br>Relocatee |
|     |        |               |                  |                  | user                                 |          |                                       |                      |       |                       |    |                |                    |                       |           |                        |                            |                            |                              |                              |                      |                                    |                         |                 |   |                          |
|     |        |               |                  |                  |                                      |          |                                       |                      |       |                       |    |                |                    |                       |           |                        | Fruit                      | Not-yet-<br>productiv<br>e | 5                            |                              |                      |                                    |                         |                 |   |                          |
|     |        |               |                  |                  |                                      |          |                                       |                      |       |                       |    |                |                    |                       |           |                        |                            |                            |                              |                              |                      |                                    |                         |                 |   |                          |
|     |        |               |                  |                  |                                      |          |                                       |                      |       |                       |    |                |                    |                       |           |                        |                            |                            |                              |                              |                      |                                    |                         |                 |   |                          |
| 364 | 364    | Alaverdi      | 06-002-0191-0016 | Community        | Non<br>registered<br>user            | 378.00   | Other<br>land                         |                      |       |                       |    |                |                    |                       |           |                        |                            |                            |                              |                              | 1                    | 4                                  |                         |                 |   |                          |
| 365 | 365    | Alaverdi      | 06-002-0193-0003 | Private          | Directly<br>held by the<br>owner     | 19.50    | Residenti<br>al                       |                      |       |                       |    | In-situ r/c    | 38                 |                       |           |                        | Fruit                      | Fruit-<br>bearing          | 269                          |                              | same<br>as 364<br>ID | same<br>as 364<br>ID               |                         |                 |   |                          |
| 366 | 366    | Alaverdi      | 06-002-0193-0005 | Private          | Directly<br>held by the<br>owner     | 56.20    | Residenti<br>al                       |                      |       |                       |    | Stone          | 80                 |                       |           |                        | Fruit                      | Fruit-<br>bearing          | 785                          |                              | 1                    | 6                                  |                         | Severely<br>AHH |   |                          |
|     |        |               |                  |                  |                                      |          |                                       |                      |       |                       |    |                |                    |                       |           | Fruit                  | Not-yet-<br>productiv<br>e | 17                         |                              |                              |                      |                                    |                         |                 |   |                          |
|     |        |               |                  |                  |                                      |          |                                       |                      |       |                       |    |                |                    |                       |           |                        | Fruit                      | Seedling                   | 4                            |                              |                      |                                    |                         |                 |   |                          |
|     |        |               |                  |                  |                                      |          |                                       |                      |       |                       |    |                |                    |                       |           |                        | Décor                      | Large                      | 6                            |                              |                      |                                    |                         |                 |   |                          |
|     |        |               |                  |                  |                                      |          |                                       |                      |       |                       |    |                |                    |                       |           |                        | Crop                       | -                          | 1                            |                              |                      |                                    |                         |                 |   |                          |
| 367 | 367    | Alaverdi      | 06-002-0193-0006 | Private          | Directly<br>held by the<br>owner     | 181.90   | Residenti<br>al                       |                      |       |                       |    | Stone          | 80                 | Fencing               | wire mesh | 40                     |                            |                            |                              |                              | same<br>as 366<br>ID | same<br>as 366<br>ID               |                         |                 |   |                          |
|     |        |               |                  |                  |                                      |          |                                       |                      |       |                       |    |                |                    |                       | Door      | metal                  | 1                          |                            |                              |                              |                      |                                    |                         |                 |   |                          |
| 368 | 368    | Alaverdi      | 06-002-0193-0009 | Private          | Directly<br>held by the<br>owner     | 54.60    | Residenti<br>al                       |                      |       |                       |    | Stone          | 49.6               | Fencing               | wire mesh | 24                     |                            |                            |                              |                              | same<br>as 363<br>ID | same<br>as 363<br>ID               |                         |                 |   |                          |
|     |        |               |                  |                  |                                      |          |                                       |                      |       |                       |    |                |                    |                       | Door      | metal                  | 1                          |                            |                              |                              |                      |                                    |                         |                 |   |                          |
| 369 |        | Alaverdi      | 06-002-0194-0001 | Community        | Directly<br>held by the<br>community | 1,209.90 | Other<br>land                         |                      |       |                       |    |                |                    |                       |           |                        |                            |                            |                              |                              |                      |                                    |                         |                 |   |                          |
| 370 | 370    | Alaverdi      | 06-002-0194-0009 | Community        | Non<br>registered<br>user            | 132.90   | Other<br>land                         |                      |       |                       |    |                |                    | Fencing               | wire mesh | 35                     | Fruit                      | Fruit-<br>bearing          | 3                            |                              | 1                    | 1                                  | Elderly<br>headed AHH   | Severely<br>AHH |   |                          |
| 371 | 371    | Alaverdi      | 06-002-0194-0016 | Private          | Directly<br>held by the<br>owner     | 128.10   | Other<br>land                         |                      |       |                       |    |                |                    |                       |           |                        |                            |                            |                              |                              | 1                    | 1                                  |                         |                 |   |                          |
| 372 |        | Alaverdi      | 06-002-0197-0001 | Community        | Directly<br>held by the<br>community | 253.00   | Road                                  |                      |       |                       |    |                |                    |                       |           |                        |                            |                            |                              |                              |                      |                                    |                         |                 |   |                          |
| 373 | 373    | Alaverdi      | 06-002-0198-0003 | Community        | Non<br>registered<br>user            | 32.40    | Residenti<br>al                       | Toilet               | 18.92 |                       |    |                |                    |                       |           |                        |                            |                            |                              | Assets to<br>be<br>relocated | 1                    | 7                                  |                         |                 |   | same as<br>403-11        |
| 374 | 374    | Alaverdi      | 06-002-0198-0004 | Community        | Non<br>registered<br>user            | 19.30    | Residenti<br>al                       | Support<br>structure | 10.90 |                       |    |                |                    |                       |           |                        |                            |                            | Assets to<br>be<br>relocated | 1                            | 2                    |                                    |                         |                 |   | same as<br>403-8         |
| 375 | 375    | Alaverdi      | 06-002-0198-0005 | Community        | Non<br>registered<br>user            | 22.30    | Residenti<br>al                       | Support<br>structure | 13.40 |                       |    |                |                    |                       |           |                        |                            |                            | Assets to<br>be<br>relocated | 1                            | 4                    | Poor AHH                           |                         |                 |   | same as<br>403-6         |
| 376 | 376    | Alaverdi      | 06-002-0198-0006 | Community        | Non<br>registered<br>user            | 9.00     | Residenti<br>al                       | Barn                 | 6.00  |                       |    |                |                    |                       |           |                        |                            |                            | Assets to<br>be<br>relocated | 1                            | 1                    | Woman and<br>Elderly<br>headed AHH |                         |                 |   |                          |
| 377 | 377    | Alaverdi      | 06-002-0198-0007 | Community        | Non<br>registered<br>user            | 10.90    | Residenti<br>al                       | Incomplete<br>barn   | 2.00  |                       |    |                |                    |                       |           |                        |                            |                            |                              | same<br>as 376<br>ID         | same<br>as 376<br>ID | same as 376<br>ID                  |                         |                 |   |                          |

| ID  | AHH ID | Communit<br>y | Lot-Code         | Affected Land    |   |          |                                       | Affected Structure |       | Movable<br>structures |    | Affected Fence |                    | Affected Improvements |          |                        | Trees |                   |           | Assets<br>to be<br>relocated | Affected Households  |                            |   |                 |   |                          |
|-----|--------|---------------|------------------|------------------|---|----------|---------------------------------------|--------------------|-------|-----------------------|----|----------------|--------------------|-----------------------|----------|------------------------|-------|-------------------|-----------|------------------------------|----------------------|----------------------------|---|-----------------|---|--------------------------|
|     |        |               |                  | Type of<br>owner | Usage<br>Status                           | Area, M2 | Type of<br>Land by<br>actual<br>usage | Name               | m2    | Name                  | m2 | Material       | Affected<br>l.m/m2 | Name                  | Material | Area,<br>m2,<br>lm, no | Type  | Subtype           | No/M<br>2 |                              | No of<br>AHS         | No of<br>AH<br>membe<br>rs | Vulnerability<br>Status                     | Severely<br>AHH | Non land<br>improvement<br>used by<br>illegal users<br>on private<br>land plots | Residential<br>Relocatee |
| 378 | 378    | Alaverdi      | 06-002-0198-0008 | Community        | Non<br>registered<br>user                 | 7.90     | Residenti<br>al                       | Barn               | 6.00  |                       |    |                |                    |                       |          |                        |       |                   |           | Assets to<br>be<br>relocated | 1                    | 1                          |   |                 |   |                          |
| 379 | 379    | Alaverdi      | 06-002-0198-0009 | Community        | Non<br>registered<br>user                 | 9.00     | Residenti<br>al                       | Barn               | 5.95  |                       |    |                |                    |                       |          |                        |       |                   |           | Assets to<br>be<br>relocated | same<br>as 374<br>ID | same<br>as 374<br>ID       |   |                 |   | same as<br>403-8         |
|     |        |               |                  |                  |   |          |                                       | Hole<br>(potatoes) | 0.60  |                       |    |                |                    |                       |          |                        |       |                   |           |                              |                      |                            |   |                 |   |                          |
| 380 | 380    | Alaverdi      | 06-002-0198-0010 | Community        | Non<br>registered<br>user                 | 8.30     | Residenti<br>al                       | Barn               | 6.00  |                       |    |                |                    |                       |          |                        |       |                   |           | Assets to<br>be<br>relocated | 1                    | 3                          |   |                 |   |                          |
| 381 | 381    | Alaverdi      | 06-002-0198-0011 | Community        | Non<br>registered<br>user                 | 10.70    | Residenti<br>al                       | Barn               | 6.00  |                       |    |                |                    |                       |          |                        |       |                   |           | Assets to<br>be<br>relocated | 1                    | 3                          |   |                 |   |                          |
|     |        |               |                  |                  |   |          |                                       | Hole<br>(potatoes) | 1.00  |                       |    |                |                    |                       |          |                        |       |                   |           |                              |                      |                            |   |                 |   |                          |
| 382 | 382    | Alaverdi      | 06-002-0198-0012 | Community        | Non<br>registered<br>user                 | 6.90     | Residenti<br>al                       | Barn               | 6.00  |                       |    |                |                    |                       |          |                        |       |                   |           | Assets to<br>be<br>relocated | 1                    | 2                          | Elderly<br>headed AHH                       |                 |   |                          |
| 383 | 383    | Alaverdi      | 06-002-0198-0013 | Community        | Non<br>registered<br>user                 | 8.00     | Residenti<br>al                       | Barn               | 6.00  |                       |    |                |                    |                       |          |                        |       |                   |           | Assets to<br>be<br>relocated | 1                    | 2                          |   |                 |   |                          |
| 384 | 384    | Alaverdi      | 06-002-0198-0014 | Community        | Non<br>registered<br>user                 | 11.80    | Residenti<br>al                       | Barn               | 11.20 |                       |    |                |                    |                       |          |                        |       |                   |           | Assets to<br>be<br>relocated | 1                    | 5                          |   |                 |   |                          |
| 385 | 385    | Alaverdi      | 06-002-0198-0015 | Community        | Non<br>registered<br>user                 | 9.80     | Residenti<br>al                       | Barn               | 8.34  |                       |    |                |                    |                       |          |                        |       |                   |           | Assets to<br>be<br>relocated | 1                    | 1                          | Poor,<br>Woman and<br>Elderly<br>headed AHH |                 |   |                          |
| 386 | 386    | Alaverdi      | 06-002-0198-0018 | Community        | Non<br>registered<br>user                 | 8.40     | Residenti<br>al                       | Barn               | 6.70  |                       |    |                |                    |                       |          |                        |       |                   |           | Assets to<br>be<br>relocated | 1                    | 4                          | Poor and<br>Woman<br>headed AHH             |                 |   |                          |
| 387 | 387    | Alaverdi      | 06-002-0198-0019 | Community        | Non<br>registered<br>user                 | 7.70     | Residenti<br>al                       | Barn               | 7.00  |                       |    |                |                    |                       |          |                        |       |                   |           | Assets to<br>be<br>relocated | same<br>as 373<br>ID | same<br>as 373<br>ID       |   |                 |   | same as<br>403-11        |
|     |        |               |                  |                  |   |          |                                       | Hole<br>(potatoes) | 1.00  |                       |    |                |                    |                       |          |                        |       |                   |           |                              |                      |                            |   |                 |   |                          |
| 388 | 388    | Alaverdi      | 06-002-0198-0020 | Community        | Non<br>registered<br>user                 | 9.00     | Residenti<br>al                       | Barn               | 6.00  |                       |    |                |                    |                       |          |                        |       |                   |           | Assets to<br>be<br>relocated | 1                    | 3                          |   |                 |   |                          |
| 389 |        | Alaverdi      | 06-002-0198-0072 | Community        | Directly<br>held by the<br>community      | 25.90    | Other<br>land                         |                    |       |                       |    |                |                    |                       |          |                        |       |                   |           |                              |                      |                            |   |                 |   |                          |
| 390 | 390    | Alaverdi      | 06-002-0198-0073 | Private          | Not<br>identified/n<br>o sign of<br>usage | 24.80    | Orchard                               |                    |       |                       |    |                |                    |                       |          |                        | Fruit | Fruit-<br>bearing | 5         |                              | 1                    | 1                          |   |                 |   |                          |
|     |        |               |                  |                  |   |          |                                       |                    |       |                       |    |                |                    |                       |          |                        | Décor | Large             | 1         |                              |                      |                            |   |                 |   |                          |
| 391 | 391    | Alaverdi      | 06-002-0198-0074 | Private          | Directly<br>held by the<br>owner          | 17.60    | Orchard                               |                    |       |                       |    |                |                    |                       |          |                        | Fruit | Fruit-<br>bearing | 3         |                              | 1                    | 1                          |   |                 |   |                          |
| 392 | 392    | Alaverdi      | 06-002-0198-0103 | Private          | Directly<br>held by the<br>owner          | 39.30    | Residenti<br>al                       |                    |       |                       |    | Stone          | 60                 | Water pipe<br>d=50mm  | metal    | 60                     | Fruit | Fruit-<br>bearing | 3         |                              | 1                    | 4                          |   |                 |   |                          |
| 393 | 393    | Alaverdi      | 06-002-0198-0104 | Private          | Directly<br>held by the<br>owner          | 50.70    | Residenti<br>al                       |                    |       |                       |    | Stone          | 32                 | Water pipe<br>d=50mm  | metal    | 16                     | Fruit | Fruit-<br>bearing | 3         |                              | 1                    | 7                          |   | Severely<br>AHH |   |                          |
| 394 | 394    | Alaverdi      | 06-002-0198-0116 | Private          | Directly<br>held by the<br>owner          | 3.00     | Residenti<br>al                       |                    |       |                       |    | Stone          | 7                  |                       |          |                        |       |                   |           |                              | same<br>as 393<br>ID | same<br>as 393<br>ID       |   |                 |   |                          |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                            |          |                              | Affected Structure   |       | Movable structures |    | Affected Fence |                 | Affected Improvements |          |                  | Trees |                    |        | Assets to be relocated | Affected Households |                  |                              |              |  |                       |
|-----|--------|------------|------------------|---------------|----------------------------|----------|------------------------------|----------------------|-------|--------------------|----|----------------|-----------------|-----------------------|----------|------------------|-------|--------------------|--------|------------------------|---------------------|------------------|------------------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status               | Area, M2 | Type of Land by actual usage | Name                 | m2    | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material | Area, m2, lm, no | Type  | Subtype            | No/M 2 |                        | No of AHs           | No of AH members | Vulnerability Status         | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 395 | 395    | Alaverdi   | 06-002-0198-0117 | Community     | Non registered user        | 71.40    | Other land                   |                      |       |                    |    | Stone          | 32              |                       |          |                  |       |                    |        |                        | same as 393 ID      | same as 393 ID   |                              |              |  |                       |
| 396 | 396    | Alaverdi   | 06-002-0198-0118 | Community     | Non registered user        | 40.80    | Other land                   | Garage               | 21.44 |                    |    |                |                 |                       |          |                  |       |                    |        | Assets to be relocated | same as 393 ID      | same as 393 ID   |                              |              |  |                       |
|     |        |            |                  |               |                            |          |                              | Car repair main hole | 1.50  |                    |    |                |                 |                       |          |                  |       |                    |        |                        |                     |                  |                              |              |  |                       |
| 397 | 397    | Alaverdi   | 06-002-0198-0119 | Community     | Non registered user        | 12.80    | Other land                   | Garage               | 9.00  |                    |    |                |                 |                       |          |                  | Fruit | Fruit-bearing      | 4      | Assets to be relocated | same as 393 ID      | same as 393 ID   |                              | Severely AHH |  |                       |
| 398 | 398    | Alaverdi   | 06-002-0198-0120 | Private       | Directly held by the owner | 25.50    | Residential                  |                      |       |                    |    | Stone          | 12              |                       |          |                  |       |                    |        |                        | 1                   | 9                |                              |              |  |                       |
| 399 | 399    | Alaverdi   | 06-002-0198-0140 | Private       | Directly held by the owner | 30.00    | Other land                   |                      |       |                    |    |                |                 |                       |          |                  |       |                    |        |                        | -                   | -                |                              |              |  |                       |
| 400 | 400    | Alaverdi   | 06-002-0198-0141 | Private       | Directly held by the owner | 61.70    | Residential                  |                      |       |                    |    |                |                 |                       |          |                  | Fruit | Fruit-bearing      | 10     |                        | 1                   | 1                |                              |              |  |                       |
| 401 | 401    | Alaverdi   | 06-002-0198-0201 | Private       | Directly held by the owner | 9.00     | Commercial                   | Basement             | 5.90  |                    |    |                |                 |                       |          |                  |       |                    |        |                        | 1                   | 3                |                              |              |  |                       |
| 402 | 402    | Alaverdi   | 06-002-0198-0204 | Community     | Non registered user        | 661.80   | Residential                  |                      |       |                    |    |                |                 |                       |          |                  | Fruit | Fruit-bearing      | 251    |                        | 1                   | 1                | Woman and Elderly headed AHH | Severely AHH |  |                       |
|     |        |            |                  |               |                            |          |                              |                      |       |                    |    |                |                 |                       |          |                  | Fruit | Not-yet-productive | 1      |                        |                     |                  |                              |              |  |                       |
|     |        |            |                  |               |                            |          |                              |                      |       |                    |    |                |                 |                       |          |                  | Décor | Small              | 4      |                        |                     |                  |                              |              |  |                       |
|     | 402-1  | Alaverdi   | 06-002-0198-0204 |               |                            |          |                              | Kitchen              | 10.00 |                    |    |                |                 |                       |          |                  |       |                    |        | Assets to be relocated | same as 373 ID      | same as 373 ID   |                              |              |  | same as 403-11        |
| 754 | 754    | Alaverdi   | 06-002-0198-0209 | Community     | Non registered user        | 14.50    | Residential                  | Kitchen              | 15.60 |                    |    |                |                 |                       |          |                  |       |                    |        | Assets to be relocated | 1                   | 4                |                              |              |  | same as 403-13        |
| 755 | 755    | Alaverdi   | 06-002-0198-0215 | Community     | Non registered user        | 9.30     | Residential                  | Closet               | 8.99  |                    |    |                |                 |                       |          |                  |       |                    |        | Assets to be relocated | same as 754 ID      | same as 754 ID   |                              |              |  | same as 403-13        |
| 756 | 756    | Alaverdi   | 06-002-0198-0216 | Community     | Non registered user        | 9.30     | Residential                  | Toilet               | 8.11  |                    |    |                |                 |                       |          |                  |       |                    |        | Assets to be relocated | same as 754 ID      | same as 754 ID   |                              |              |  | same as 403-13        |
| 757 | 757    | Alaverdi   | 06-002-0198-0219 | Community     | Non registered user        | 8.10     | Residential                  | Toilet and Closet    | 6.80  |                    |    |                |                 |                       |          |                  |       |                    |        | Assets to be relocated | 1                   | 7                |                              |              |  | same as 403-1         |
| 758 | 758    | Alaverdi   | 06-002-0198-0211 | Community     | Non registered user        | 11.60    | Residential                  | Closet               | 9.20  |                    |    |                |                 |                       |          |                  |       |                    |        | Assets to be relocated | same as 375 ID      | same as 375 ID   | same as 375 ID               |              |  | same as 403-6         |
| 759 | 759    | Alaverdi   | 06-002-0198-0212 | Community     | Non registered user        | 10.30    | Residential                  | Closet               | 9.20  |                    |    |                |                 |                       |          |                  |       |                    |        | Assets to be relocated | same as 375 ID      | same as 375 ID   | same as 375 ID               |              |  | same as 403-6         |
| 760 | 760    | Alaverdi   | 06-002-0198-0218 | Community     | Non registered user        | 8.80     | Residential                  | Toilet               | 9.20  |                    |    |                |                 |                       |          |                  |       |                    |        | Assets to be relocated | same as 375 ID      | same as 375 ID   | same as 375 ID               |              |  | same as 403-6         |
| 761 | 761    | Alaverdi   | 06-002-0198-0217 | Community     | Non registered user        | 9.20     | Residential                  | Closet               | 8.70  |                    |    |                |                 |                       |          |                  |       |                    |        | Assets to be relocated | 1                   | 3                | Woman headed AHH             |              |  |                       |
| 403 | 403-1  | Alaverdi   | 06-002-0198-0205 | Private       | Directly held by the owner | 276.40   | Residential                  | Apartment            | 62.50 |                    |    |                |                 |                       |          |                  | Fruit | Fruit-bearing      | 2      | Assets to be relocated | same as 757 ID      | same as 757 ID   |                              |              |  | Residential relocatee |

| ID  | AHH ID | Communit<br>y | Lot-Code         | Affected Land    |                                |          |                                       | Affected Structure |       | Movable<br>structures |    | Affected Fence |                    | Affected Improvements |          |                        | Trees              |                    |           | Assets<br>to be<br>relocated | Affected Households |                            |                                    |                 |   |                          |  |                       |
|-----|--------|---------------|------------------|------------------|--------------------------------|----------|---------------------------------------|--------------------|-------|-----------------------|----|----------------|--------------------|-----------------------|----------|------------------------|--------------------|--------------------|-----------|------------------------------|---------------------|----------------------------|------------------------------------|-----------------|---|--------------------------|--|-----------------------|
|     |        |               |                  | Type of<br>owner | Usage<br>Status                | Area, M2 | Type of<br>Land by<br>actual<br>usage | Name               | m2    | Name                  | m2 | Material       | Affected<br>l.m/m2 | Name                  | Material | Area,<br>m2,<br>lm, no | Type               | Subtype            | No/M<br>2 |                              | No of<br>AHHs       | No of<br>AH<br>membe<br>rs | Vulnerability<br>Status            | Severely<br>AHH | Non land<br>improvement<br>used by<br>illegal users<br>on private<br>land plots | Residential<br>Relocatee |  |                       |
|     | 403-1  |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |          | Fruit                  | Not-yet-productive | 1                  |           |                              |                     |                            |                                    |                 |   |                          |  |                       |
|     | 403-2  |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |          |                        |                    |                    |           | 1                            | 1                   |                            |                                    |                 |   |                          |  |                       |
|     | 403-3  |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |          |                        |                    |                    |           | 1                            | 1                   |                            |                                    |                 |   |                          |  |                       |
|     | 403-4  |               |                  |                  |                                |          |                                       | Apartment          | 12.80 |                       |    |                |                    |                       |          |                        |                    |                    |           | Assets to be relocated       | 1                   | 5                          |                                    |                 |   |                          |  |                       |
|     | 403-5  |               |                  |                  |                                |          |                                       | Apartment          | 32.20 |                       |    |                |                    |                       |          |                        |                    |                    |           | Assets to be relocated       | same as 761 ID      | same as 761 ID             | same as 761 ID                     |                 |   |                          |  |                       |
|     | 403-6  |               |                  |                  |                                |          |                                       | Apartment          | 71.20 |                       |    |                |                    |                       |          |                        | Fruit              | Fruit-bearing      | 11        | Assets to be relocated       | same as 375 ID      | same as 375 ID             | same as 375 ID                     | Severely AHH    |   | Residential relocatee    |  |                       |
|     | 403-6  |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |          |                        | Fruit              | Not-yet-productive | 5         |                              |                     |                            |                                    |                 |   |                          |  |                       |
|     | 403-6  |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |          |                        | Décor              | Large              | 1         |                              |                     |                            |                                    |                 |   |                          |  |                       |
|     | 403-6  |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |          |                        | Décor              | Medium             | 7         |                              |                     |                            |                                    |                 |   |                          |  |                       |
|     | 403-7  |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |          |                        |                    |                    |           |                              | 1                   | 1                          |                                    |                 |   |                          |  |                       |
|     | 403-8  |               |                  |                  |                                |          |                                       | Apartment          | 20.00 |                       |    |                |                    |                       |          |                        |                    |                    |           | Assets to be relocated       | same as 374 ID      | same as 374 ID             |                                    |                 |   | Residential relocatee    |  |                       |
|     | 403-9  |               |                  |                  |                                |          |                                       | Apartment          | 24.40 |                       |    |                |                    |                       |          |                        |                    |                    |           | Assets to be relocated       | 1                   | 1                          |                                    |                 |   |                          |  |                       |
|     | 403-10 |               |                  |                  |                                |          |                                       | Apartment          | 27.30 |                       |    |                |                    |                       |          |                        |                    |                    |           | Assets to be relocated       | 1                   | 1                          | Poor, Woman and Elderly headed AHH |                 |   | Residential relocatee    |  |                       |
|     | 403-11 |               |                  |                  |                                |          |                                       | Apartment          | 34.80 |                       |    |                |                    |                       |          |                        |                    |                    |           | Assets to be relocated       | same as 373 ID      | same as 373 ID             |                                    |                 |   | Residential relocatee    |  |                       |
|     | 403-12 |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |          |                        |                    |                    |           |                              | 1                   | 1                          |                                    |                 |   |                          |  |                       |
|     | 403-13 |               |                  |                  |                                |          |                                       | Apartment          | 57.40 |                       |    |                |                    |                       |          |                        |                    |                    | Fruit     | Fruit-bearing                | 4                   | Assets to be relocated     | same as 754 ID                     | same as 754 ID  |   | Severely AHH             |  | Residential relocatee |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |    |                |                    |                       |          |                        |                    |                    | Décor     | Medium                       | 1                   |                            |                                    |                 |   |                          |  |                       |
| 404 |        | Alaverdi      | 06-002-0198-0227 | Community        | Directly held by the community | 26.10    | Other land                            |                    |       |                       |    |                |                    |                       |          |                        |                    |                    |           |                              |                     |                            |                                    |                 |   |                          |  |                       |
| 405 |        | Alaverdi      | 06-002-0203-0001 | Community        | Directly held by the community | 1,079.40 | Other land                            |                    |       |                       |    |                |                    |                       |          |                        |                    |                    |           |                              |                     |                            |                                    |                 |   |                          |  |                       |
| 406 |        | Alaverdi      | 06-002-0393-0011 | Community        | Directly held by the community | 69.30    | Other land                            |                    |       |                       |    |                |                    |                       |          |                        |                    |                    |           |                              |                     |                            |                                    |                 |   |                          |  |                       |
| 407 | 407    | Alaverdi      | 06-002-0393-0014 | Private          | Directly held by the owner     | 270.00   | Residential                           |                    |       |                       |    | Stone          | 80                 | Water pipe d=50mm     | metal    | 80                     | Fruit              | Fruit-bearing      | 82        |                              | 1                   | 4                          |                                    | Severely AHH    |   |                          |  |                       |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |    |                | Gate               | metal                 | 1        | Fruit                  | Not-yet-productive | 2                  |           |                              |                     |                            |                                    |                 |   |                          |  |                       |
|     |        |               |                  |                  |                                |          |                                       |                    |       |                       |    |                | Fencing            | wire mesh             | 43       | Fruit                  | Seedling           | 8                  |           |                              |                     |                            |                                    |                 |   |                          |  |                       |



| ID  | AHH ID  | Communit y | Lot-Code         | Affected Land |                                |           |                              | Affected Structure |       | Movable structures |     | Affected Fence |                 | Affected Improvements |                      |                  | Trees |                     |                        | Assets to be relocated | Affected Households |                   |                      |              |  |                       |
|-----|---------|------------|------------------|---------------|--------------------------------|-----------|------------------------------|--------------------|-------|--------------------|-----|----------------|-----------------|-----------------------|----------------------|------------------|-------|---------------------|------------------------|------------------------|---------------------|-------------------|----------------------|--------------|--|-----------------------|
|     |         |            |                  | Type of owner | Usage Status                   | Area, M2  | Type of Land by actual usage | Name               | m2    | Name               | m2  | Material       | Affected l.m/m2 | Name                  | Material             | Area, m2, lm, no | Type  | Subtype             | No/M 2                 |                        | No of AHS           | No of AH membe rs | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 408 | 408     | Alaverdi   | 06-002-0393-0015 | Private       | Directly held by the owner     | 125.40    | Orchard                      |                    |       |                    |     |                |                 | Fencing               | wire mesh            | 38               | Fruit | Fruit-bearing       | 12                     |                        | same as 407 ID      | same as 407 ID    |                      | Severely AHH |  |                       |
|     |         |            |                  |               |                                |           |                              |                    |       |                    |     |                |                 |                       |                      |                  | Fruit | Not-yet-productiv e | 1                      |                        |                     |                   |                      |              |  |                       |
|     |         |            |                  |               |                                |           |                              |                    |       |                    |     |                |                 |                       |                      |                  | Décor | Large               | 11                     |                        |                     |                   |                      |              |  |                       |
| 409 |         | Alaverdi   | 06-002-0393-0017 | Community     | Directly held by the community | 623.10    | Other land                   |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 410 |         | Alaverdi   | 06-002-0629-0001 | Community     | Directly held by the community | 716.20    | Other land                   |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 411 |         | Alaverdi   | 06-002-0629-0002 | RA            | -                              | 13,120.00 | Transport                    |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 412 | 412     | Alaverdi   | 06-002-0629-0003 | RA            | Non registered user            | 2,795.50  | Other land                   |                    |       |                    |     |                |                 | Stairs                | concrete             | 2                |       |                     |                        |                        | 1                   | 4                 |                      |              |  |                       |
| 413 |         | Alaverdi   | 06-002-0629-0004 | RA            | -                              | 86.60     | Transport                    |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 414 |         | Alaverdi   | 06-002-0639-0001 | Community     | Directly held by the community | 183.10    | Road                         |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 415 |         | Alaverdi   | 06-002-0640-0001 | RA            | -                              | 128.60    | Transport                    |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 416 |         | Alaverdi   | 06-002-0645-0001 | RA            | -                              | 13,135.20 | Transport                    |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 417 | 417     | Alaverdi   | 06-002-0647-0001 | Community     | Non registered user            | 488.70    | Other land                   | Shed               | 3.00  |                    |     | Stone          | 8.91            | Fencing               | wire mesh            | 6                |       |                     |                        |                        | 1                   | 1                 |                      |              |  |                       |
|     |         |            |                  |               |                                |           |                              |                    |       |                    |     |                |                 |                       | Area                 | concrete         | 18    |                     |                        |                        |                     |                   |                      |              |  |                       |
| 418 | 418     | Alaverdi   | 06-002-0647-0002 | Private       | Directly held by the owner     | 14.00     | Commer cial                  | Grocery            | 11.36 |                    |     |                |                 |                       |                      |                  |       |                     | Assets to be relocated | same as 417 ID         | same as 417 ID      |                   |                      |              |  |                       |
| 418 | 418-B-1 | Alaverdi   | 06-002-0647-0002 |               |                                |           |                              |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        | 1                      | 5                   |                   |                      |              |  |                       |
| 420 |         | Alaverdi   | 06-002-0654-0001 | Community     | Directly held by the community | 18.80     | Other land                   |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 421 | 421     | Alaverdi   | 06-002-0654-0002 | Community     | Non registered user            | 11.50     | Other land                   | Shed               | 17.90 | Kiosk              | 7.6 | Stone          | 1.56            | Area                  | concrete             | 12               |       |                     |                        |                        | 1                   | 5                 |                      |              |  |                       |
|     |         |            |                  |               |                                |           |                              |                    |       |                    |     |                |                 |                       | Bearing surface area |                  | 4     |                     |                        |                        |                     |                   |                      |              |  |                       |
| 422 |         | Alaverdi   | 06-002-0655-0001 | RA            | -                              | 405.30    | Transport                    |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 423 |         | Alaverdi   | 06-002-0657-0001 | Community     | Directly held by the community | 184.80    | Road                         |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 424 |         | Alaverdi   | 06-002-0658-0001 | Community     | Directly held by the community | 84.40     | Road                         |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 425 |         | Alaverdi   | 06-002-0663-0001 | RA            | -                              | 16,920.00 | Transport                    |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 426 |         | Alaverdi   | 06-002-0798-0001 | RA            | -                              | 9,702.60  | Transport                    |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 427 |         | Alaverdi   | 06-002-0798-0003 | RA            | -                              | 51.00     | Transport                    |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 428 |         | Alaverdi   | 06-002-0817-0001 | RA            | -                              | 21.90     | River                        |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |
| 429 |         | Alaverdi   | 06-002-0818-0001 | RA            | -                              | 38.20     | River                        |                    |       |                    |     |                |                 |                       |                      |                  |       |                     |                        |                        |                     |                   |                      |              |  |                       |

| ID  | AHH ID                  | Communit y | Lot-Code         | Affected Land  |                                |          |                              | Affected Structure |    | Movable structures |       | Affected Fence |                 | Affected Improvements |           |                  | Trees               |               |        | Assets to be relocated | Affected Households |                   |                      |              |  |                       |  |
|-----|-------------------------|------------|------------------|----------------|--------------------------------|----------|------------------------------|--------------------|----|--------------------|-------|----------------|-----------------|-----------------------|-----------|------------------|---------------------|---------------|--------|------------------------|---------------------|-------------------|----------------------|--------------|--|-----------------------|--|
|     |                         |            |                  | Type of owner  | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2    | Material       | Affected l.m/m2 | Name                  | Material  | Area, m2, lm, no | Type                | Subtype       | No/M 2 |                        | No of AHS           | No of AH membe rs | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |  |
| 430 |                         | Alaverdi   | 06-002-0821-0001 | RA             | -                              | 503.10   | Transport                    |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 431 |                         | Alaverdi   | 06-002-0822-0001 | Community      | Directly held by the community | 88.10    | Road                         |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 436 |                         | Alaverdi   | 06-002-0831-0001 | Community      | Directly held by the community | 34.80    | Road                         |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 437 |                         | Alaverdi   | 06-002-0832-0001 | RA             | -                              | 1,987.20 | Transport                    |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 438 |                         | Alaverdi   | 06-002-0833-0001 | Community      | Directly held by the community | 47.60    | Road                         |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 439 |                         | Alaverdi   | 06-002-0198      | Not identified | No sign of usage               | 47.80    | Other land                   |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 440 |                         | Alaverdi   | 06-002-0629-0064 | Not identified | No sign of usage               | 18.80    | Commer cial                  |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 441 |                         | Alaverdi   | 06-002-0140      | Not identified | No sign of usage               | 68.50    | Other land                   |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 442 |                         | Aygehat    | 06-014-0550-0001 | RA             | -                              | 6,432.00 | Transport                    |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 444 |                         | Aygehat    | 06-014-0548-0001 | Community      | Directly held by the community | 7,016.50 | Pasture                      |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 445 |                         | Aygehat    | 06-014-0548-0004 | Community      | Directly held by the community | 237.10   | Pasture                      |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 446 | 446-1<br>446-2<br>446-3 | Aygehat    | 06-014-0101-0001 | Community      | Non registered user            | 3,941.20 | Other land                   |                    |    |                    |       | Stone          | 37.5            | Fencing               | wire mesh | 30               | Fruit               | Fruit-bearing | 9      |                        | 1                   | 1                 |                      | Severely AHH |  |                       |  |
|     |                         |            |                  |                |                                |          |                              |                    |    |                    |       |                |                 |                       |           | Fruit            | Not-yet-productiv e | 1             |        |                        |                     |                   |                      |              |  |                       |  |
|     |                         |            |                  |                |                                |          |                              |                    |    |                    | Stone | 37.5           | Fencing         | wire mesh             | 30        | Fruit            | Fruit-bearing       | 34            |        | 1                      | 6                   |                   | Severely AHH         |              |  |                       |  |
|     |                         |            |                  |                |                                |          |                              |                    |    |                    |       |                | Door            | metal                 | 1         |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 447 | 447-1<br>447-2<br>447-3 | Aygehat    | 06-014-0305-0009 | Community      | Non registered user            | 1,943.30 | Other land                   |                    |    |                    |       |                |                 | Fencing               | wire mesh | 30               | Fruit               | Fruit-bearing | 11     |                        | 1                   | 6                 |                      | Severely AHH |  |                       |  |
|     |                         |            |                  |                |                                |          |                              |                    |    |                    |       |                | Door            | wood                  | 1         | Wood             | Large               | 1             |        |                        |                     |                   |                      |              |  |                       |  |
|     |                         |            |                  |                |                                |          |                              |                    |    |                    |       |                | Stairs          | concrete              | 2         | Wood             | Medium              | 1             |        |                        |                     |                   |                      |              |  |                       |  |
|     |                         |            |                  |                |                                |          |                              |                    |    |                    |       |                |                 |                       |           | Décor            | Large               | 5             |        |                        |                     |                   |                      |              |  |                       |  |
|     |                         |            |                  |                |                                |          |                              |                    |    |                    |       |                |                 |                       |           | Fruit            | Fruit-bearing       | 10            |        | 1                      | 1                   |                   | Severely AHH         |              |  |                       |  |
|     |                         |            |                  |                |                                |          |                              |                    |    |                    |       |                |                 |                       |           | Fruit            | Fruit-bearing       | 5             |        | 1                      | 1                   |                   | Severely AHH         |              |  |                       |  |
| 448 |                         | Aygehat    | 06-014-0537-0001 | RA             | -                              | 53.60    | Transport                    |                    |    |                    |       |                |                 |                       |           |                  |                     |               |        |                        |                     |                   |                      |              |  |                       |  |
| 449 | 449                     | Aygehat    | 06-014-0103-0001 | Community      | Non registered user            | 689.50   | Other land                   |                    |    |                    |       |                |                 | Fencing               | wire mesh | 45               | Fruit               | Fruit-bearing | 4      |                        | 1                   | 4                 |                      |              |  |                       |  |
| 450 | 450                     | Aygehat    | 06-014-0103-0002 | Private        | Directly held by the owner     | 145.10   | Residenti al                 |                    |    |                    |       | Stone/basalt   | 7               | Fencing               | wood      | 20               | Fruit               | Fruit-bearing | 11     |                        | same as 449 ID      | same as 449 ID    |                      |              |  |                       |  |
|     |                         |            |                  |                |                                |          |                              |                    |    |                    |       |                | Stairs          | concrete              | 2         | Décor            | Large               | 1             |        |                        |                     |                   |                      |              |  |                       |  |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure   |        | Movable structures |    | Affected Fence |                    | Affected Improvements |           |                  | Trees              |               |               | Assets to be relocated | Affected Households |                  |                      |              |  |                       |  |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|----------------------|--------|--------------------|----|----------------|--------------------|-----------------------|-----------|------------------|--------------------|---------------|---------------|------------------------|---------------------|------------------|----------------------|--------------|--|-----------------------|--|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name                 | m2     | Name               | m2 | Material       | Affected l.m/m2    | Name                  | Material  | Area, m2, lm, no | Type               | Subtype       | No/M 2        |                        | No of AHS           | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |  |
| 451 |        | Aygehat    | 06-014-0546-0001 | Community     | Directly held by the community | 44.30    | Road                         |                      |        |                    |    |                |                    |                       |           |                  |                    |               |               |                        |                     |                  |                      |              |  |                       |  |
| 452 |        | Aygehat    | 06-014-0102-0001 | Community     | Directly held by the community | 1,227.10 | Other land                   |                      |        |                    |    |                |                    |                       |           |                  |                    |               |               |                        |                     |                  |                      |              |  |                       |  |
| 453 | 453    | Aygehat    | 06-014-0102-0002 | Private       | Directly held by the owner     | 230.00   | Residential                  | Residential house    | 52.19  |                    |    | Stone/basalt   | 25.92              | Gate                  | metal     | 1                | Fruit              | Fruit-bearing | 25            | Assets to be relocated | 1                   | 1                |                      | Severely AHH |  |                       |  |
|     |        |            |                  |               |                                |          |                              | Cattle shed          | 15.37  |                    |    | Stone/basalt   | 14.25              | Platform              | concrete  |                  | Wood               | Medium        | 5             |                        |                     |                  |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                      |        |                    |    |                |                    |                       |           | Wood             | Small              | 1             |               |                        |                     |                  |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                      |        |                    |    |                |                    |                       |           | Décor            | Large              | 18            |               |                        |                     |                  |                      |              |  |                       |  |
| 454 |        | Aygehat    | 06-014-0533-0001 | Community     | Directly held by the community | 13.20    | Other land                   |                      |        |                    |    |                |                    |                       |           |                  |                    |               |               |                        |                     |                  |                      |              |  |                       |  |
| 456 |        | Aygehat    | 06-014-0304-0016 | RA            | -                              | 32.30    | Transport                    |                      |        |                    |    |                |                    |                       |           |                  |                    |               |               |                        |                     |                  |                      |              |  |                       |  |
| 457 | 457    | Aygehat    | 06-014-0304-0025 | Community     | Non registered user            | 395.40   | Other land                   |                      |        |                    |    |                |                    | Fencing               | wood      | 20               | Fruit              | Fruit-bearing | 4             |                        | 1                   | 7                |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                      |        |                    |    |                | Stairs             | concrete              | 2         | Fruit            | Not-yet-productive | 1             |               |                        |                     |                  |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                      |        |                    |    |                | Water pipe d=110mm | metal                 | 50        |                  |                    |               |               |                        |                     |                  |                      |              |  |                       |  |
| 458 |        | Aygehat    | 06-014-0536-0001 | RA            | -                              | 38.00    | River                        |                      |        |                    |    |                |                    |                       |           |                  |                    |               |               |                        |                     |                  |                      |              |  |                       |  |
| 459 |        | Aygehat    | 06-014-0535-0001 | Community     | Directly held by the community | 2,683.40 | Pasture                      |                      |        |                    |    |                |                    |                       |           |                  |                    |               |               |                        |                     |                  |                      |              |  |                       |  |
| 460 |        | Aqori      | 06-022-0101-0001 | Community     | Directly held by the community | 478.50   | Pasture                      |                      |        |                    |    |                |                    |                       |           |                  |                    |               |               |                        |                     |                  |                      |              |  |                       |  |
| 461 |        | Aqori      | 06-022-0101-0123 | Community     | Directly held by the community | 110.10   | Pasture                      |                      |        |                    |    |                |                    |                       |           |                  |                    |               |               |                        |                     |                  |                      |              |  |                       |  |
| 463 |        | Artchis    | 11-015-0247-0002 | Community     | Directly held by the community | 1,461.90 | Other land                   |                      |        |                    |    |                |                    |                       |           |                  |                    |               |               |                        |                     |                  |                      |              |  |                       |  |
| 464 | 464    | Artchis    | 11-015-0247-0003 | Private       | Directly held by the owner     | 56.00    | Commercial                   |                      |        |                    |    |                |                    |                       |           |                  |                    |               |               |                        | 1                   | 1                |                      |              |  |                       |  |
| 465 | 465    | Artchis    | 11-015-0658-0001 | Community     | Non registered user            | 34.60    | Other land                   | Shed                 | 9.45   |                    |    |                |                    | Fencing               | wire mesh | 190              |                    |               |               | Assets to be relocated | 1                   | 7                |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              | Incomplete structure | 6.00   |                    |    |                |                    | Door                  | metal     | 1                |                    |               |               |                        |                     |                  |                      |              |  |                       |  |
|     | 465-1  |            |                  |               |                                |          |                              |                      | Closet | 5.30               |    |                |                    |                       | Fencing   | wire mesh        | 100.00             | Fruit         | Fruit-bearing | 530                    |                     | 1                | 5                    | Poor AHH     | Severely AHH   |                       |  |
|     |        |            |                  |               |                                |          |                              |                      |        |                    |    |                |                    | Door                  | metal     | 1                | Décor              | Large         | 29            |                        |                     |                  |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                      |        |                    |    |                |                    |                       |           |                  | Crop               | -             | 3             |                        |                     |                  |                      |              |  |                       |  |
| 466 | 466    | Artchis    | 11-015-0659-0001 | RA            | Non registered user            | 19.74    | Other land                   |                      |        |                    |    |                |                    |                       |           |                  | Fruit              | Fruit-bearing | 1122          |                        | same as 465 ID      | same as 465 ID   |                      | Severely AHH |  |                       |  |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure |      | Movable structures |    | Affected Fence |                 | Affected Improvements |                        |                  | Trees |                     |               | Assets to be relocated | Affected Households    |                  |                      |              |  |                       |  |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|--------------------|------|--------------------|----|----------------|-----------------|-----------------------|------------------------|------------------|-------|---------------------|---------------|------------------------|------------------------|------------------|----------------------|--------------|--|-----------------------|--|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2   | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material               | Area, m2, lm, no | Type  | Subtype             | No/M 2        |                        | No of AHs              | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |  |
|     |        |            |                  |               |                                |          |                              |                    |      |                    |    |                |                 |                       |                        |                  | Fruit | Not-yet-productiv e | 2             |                        |                        |                  |                      |              |  |                       |  |
|     | 466-1  |            |                  |               |                                |          |                              |                    |      |                    |    |                |                 |                       | Fencing                | wire mesh        | 50    | Fruit               | Fruit-bearing | 362                    | Assets to be relocated | 1                | 3                    |              | Severely AHH   |                       |  |
|     |        |            |                  |               |                                |          |                              | Closet             | 5.75 |                    |    |                |                 |                       |                        | Door             | metal | 1                   |               |                        |                        |                  |                      |              |  |                       |  |
| 467 | 467    | Haghpat    | 06-060-0523-0001 | RA            | Non registered user            | 12152    | Other land                   |                    |      |                    |    |                |                 | Kerbstone             | concrete               | 10               |       |                     |               |                        | 1                      | 4                |                      |              |  |                       |  |
| 467 | 467    | Haghpat    | 06-060-0523-0001 |               |                                |          |                              |                    |      |                    |    |                |                 | Area upgrade          | lawn                   | 10               |       |                     |               |                        |                        |                  |                      |              |  |                       |  |
| 468 | 468    | Haghpat    | 06-060-0226-0001 | RA            | Non registered user            | 189.4    | Other land                   |                    |      |                    |    |                |                 | Fencing               | wood                   | 20               | Fruit | Not-yet-productiv e | 1             |                        | 1                      | 1                |                      | Severely AHH |  |                       |  |
| 469 |        | Haghpat    | 06-060-0226-0002 | RA            | -                              | 183.7    | Other land                   |                    |      |                    |    |                |                 |                       |                        |                  |       |                     |               |                        |                        |                  |                      |              |  |                       |  |
| 470 |        | Haghpat    | 06-060-0226-0005 | RA            | -                              | 420      | Other land                   |                    |      |                    |    |                |                 |                       |                        |                  |       |                     |               |                        |                        |                  |                      |              |  |                       |  |
| 471 |        | Haghpat    | 06-060-0226-0007 | Community     | Directly held by the community | 887.9    | Other land                   |                    |      |                    |    |                |                 |                       |                        |                  |       |                     |               |                        |                        |                  |                      |              |  |                       |  |
| 472 | 472    | Haghpat    | 06-060-0226-0010 | Private       | Directly held by the owner     | 212.7    | Ugricultural industrial      |                    |      |                    |    | Stone          | 2.6             | Gate                  | metal                  | 1                | Fruit | Fruit-bearing       | 7             | Assets to be relocated | 1                      | 5                |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |      |                    |    |                |                 | Area                  | asphalt                | 61               | Fruit | Fruit-bearing       | 1             |                        | 1                      | 2                | Woman headed AHH     |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |      |                    |    |                |                 |                       |                        |                  | Fruit | Fruit-bearing       | 8             |                        | 1                      | 5                |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |      |                    |    |                |                 |                       |                        |                  | Fruit | Fruit-bearing       | 560           |                        | 1                      | 5                |                      |              |  |                       |  |
| 473 | 473    | Haghpat    | 06-060-0226-0018 | Community     | Non registered user            | 1904     | Other land                   |                    |      |                    |    |                |                 | Fencing               | in-situ r/c, wire mesh | 43               |       |                     |               |                        | 1                      | 1                |                      |              |  |                       |  |
| 474 |        | Haghpat    | 06-060-0230-0015 | Community     | Directly held by the community | 710.6    | Other land                   |                    |      |                    |    |                |                 |                       |                        |                  |       |                     |               |                        |                        |                  |                      |              |  |                       |  |
| 475 |        | Haghpat    | 06-060-0230-0019 | Community     | Directly held by the community | 13.5     | Other land                   |                    |      |                    |    |                |                 |                       |                        |                  |       |                     |               |                        |                        |                  |                      |              |  |                       |  |
| 476 | 476    | Haghpat    | 06-060-0230-0016 | Private       | Directly held by the owner     | 85.1     | Commer cial                  |                    |      |                    |    |                |                 |                       |                        |                  |       |                     |               |                        | 1                      | 1                |                      |              |  |                       |  |
| 477 | 477    | Haghpat    | 06-060-0230-0001 | Community     | Non registered user            | 46.2     | Other land                   |                    |      |                    |    | Stone          | 62.5            | Signpost              | metal                  | 1                |       |                     |               |                        | 1                      | 1                |                      |              |  |                       |  |
| 478 |        | Haghpat    | 06-060-0526-0001 | RA            | -                              | 92.8     | River                        |                    |      |                    |    |                |                 |                       |                        |                  |       |                     |               |                        |                        |                  |                      |              |  |                       |  |
| 479 | 479    | Haghpat    | 06-060-0518-0001 | RA            | Non registered user            | 72951.3  | Other land                   |                    |      |                    |    |                |                 |                       |                        |                  | Fruit | Fruit-bearing       | 9             |                        | 1                      | 1                |                      | Severely AHH |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |      |                    |    |                |                 |                       |                        |                  |       |                     |               |                        |                        |                  |                      |              |  |                       |  |
|     |        |            |                  |               |                                |          |                              |                    |      |                    |    |                |                 |                       |                        |                  |       |                     |               |                        |                        |                  |                      |              |  |                       |  |
|     | 479-1  |            |                  |               |                                |          |                              |                    |      |                    |    |                |                 |                       |                        |                  | Fruit | Fruit-bearing       | 10            |                        | 1                      | 1                |                      | Severely AHH |  |                       |  |
| 480 |        | Haghpat    | 06-060-0214-0006 | Community     | Directly held by the community | 3543.4   | Other land                   |                    |      |                    |    |                |                 |                       |                        |                  |       |                     |               |                        |                        |                  |                      |              |  |                       |  |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure |     | Movable structures |    | Affected Fence |                 | Affected Improvements |          |                  | Trees  |               |        | Assets to be relocated | Affected Households |                  |                      |              |  |                       |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|--------------------|-----|--------------------|----|----------------|-----------------|-----------------------|----------|------------------|--------|---------------|--------|------------------------|---------------------|------------------|----------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2  | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material | Area, m2, lm, no | Type   | Subtype       | No/M 2 |                        | No of AHs           | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 481 |        | Haghpat    | 06-060-0214-0011 | Community     | Directly held by the community | 115.5    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 482 |        | Haghpat    | 06-060-0214-0015 | Community     | Directly held by the community | 411.6    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 483 |        | Haghpat    | 06-060-0214-0024 | Community     | Directly held by the community | 14603.9  | Pasture                      |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 484 |        | Haghpat    | 06-060-0534-0001 | Community     | Directly held by the community | 79.2     | Road                         |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 485 |        | Haghpat    | 06-060-0212-0003 | Community     | Directly held by the community | 1418.9   | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 486 |        | Haghpat    | 06-060-0212-0004 | Community     | Directly held by the community | 117      | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 487 |        | Haghpat    | 06-060-0212-0006 | Community     | Directly held by the community | 243.3    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 488 |        | Haghpat    | 06-060-0212-0015 | RA            | -                              | 3687.3   | Forest                       |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 489 |        | Haghpat    | 06-060-0210-0001 | Community     | Directly held by the community | 225.2    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 490 |        | Haghpat    | 06-060-0210-0029 | Community     | Directly held by the community | 26.7     | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 491 | 491    | Haghpat    | 06-060-0210-0002 | Private       | Directly held by the owner     | 703.6    | Orchard                      | Patio              | 10  |                    |    |                |                 | Kerbstone             | concrete | 19               | Fruit  | Fruit-bearing | 19     |                        | 1                   | 6                |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              | Toilet             | 1.5 |                    |    |                |                 | Area                  | asphalt  | 7                | Wood   | Large         | 1      |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |     |                    |    |                | Base            | In-situ r/c           | 1.6      | Wood             | Medium | 1             |        |                        |                     |                  |                      |              |  |                       |
| 492 |        | Haghpat    | 06-060-0208-0020 | Community     | Directly held by the community | 33       | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 493 |        | Haghpat    | 06-060-0254-0001 | RA            | -                              | 428.3    | Forest                       |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 494 |        | Haghpat    | 06-060-0209-0013 | Community     | Directly held by the community | 410.5    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 495 |        | Haghpat    | 06-060-0209-0002 | Community     | Directly held by the community | 741.4    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 496 |        | Haghpat    | 06-060-0209-0001 | Community     | Directly held by the community | 715.8    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 497 |        | Haghpat    | 06-060-0502-0001 | Community     | Directly held by the community | 43.9     | Road                         |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 498 |        | Haghpat    | 06-060-0205-0018 | Community     | Directly held by the community | 88.4     | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |
| 500 |        | Haghpat    | 06-060-0205-0001 | RA            | -                              | 702      | Forest                       |                    |     |                    |    |                |                 |                       |          |                  |        |               |        |                        |                     |                  |                      |              |  |                       |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure |    | Movable structures |    | Affected Fence |                 | Affected Improvements |          |                  | Trees |               |        | Assets to be relocated | Affected Households |                  |                      |              |  |                       |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|--------------------|----|--------------------|----|----------------|-----------------|-----------------------|----------|------------------|-------|---------------|--------|------------------------|---------------------|------------------|----------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material | Area, m2, lm, no | Type  | Subtype       | No/M 2 |                        | No of AHs           | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 501 |        | Haghpat    | 06-060-0205-0026 | Community     | Directly held by the community | 13.5     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 502 |        | Haghpat    | 06-060-0204-0008 | Community     | Directly held by the community | 4.2      | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 503 |        | Haghpat    | 06-060-0300-0001 | Community     | Directly held by the community | 231.9    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 504 |        | Haghpat    | 06-060-0224-0001 | Community     | Directly held by the community | 628.7    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 505 |        | Haghpat    | 06-060-0224-0002 | Community     | Directly held by the community | 373.2    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 506 |        | Haghpat    | 06-060-0224-0002 | Community     | Directly held by the community | 285.1    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 507 |        | Haghpat    | 06-060-0224-0004 | Community     | Directly held by the community | 118.3    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 443 | 443    | Haghpat    | 06-060-0224-0008 | Private       | Directly held by the owner     | 285.8    | Industrial                   |                    |    |                    |    |                |                 |                       |          |                  | Fruit | Fruit-bearing | 1      |                        | same as 467 ID      | same as 467 ID   |                      |              |  |                       |
| 508 |        | Haghpat    | 06-060-0224-0010 | Community     | Directly held by the community | 1593.8   | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 509 |        | Haghpat    | 06-060-0203-0030 | Community     | Directly held by the community | 1163.5   | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 510 |        | Haghpat    | 06-060-0203-0028 | Community     | Directly held by the community | 281.7    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 511 |        | Haghpat    | 06-060-0203-0033 | Community     | Directly held by the community | 255.2    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 512 | 512    | Haghpat    | 06-060-0203-0022 | Community     | Non registered user            | 911.9    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        | 1                   | 4                |                      |              |  |                       |
| 513 | 513    | Haghpat    | 06-060-0203-0025 | Private       | Directly held by the owner     | 90.8     | Commer cial                  |                    |    |                    |    | Stone          | 76              |                       |          |                  |       |               |        |                        | 1 same as 512 ID    | 4 same as 512 ID |                      |              |  |                       |
| 514 | 514    | Haghpat    | 06-060-0203-0024 | Private       | Directly held by the owner     | 73       | Industrial                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        | 1                   | 1                |                      |              |  |                       |
|     |        | Haghpat    | 06-060-0203-0024 |               |                                |          |                              |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 515 |        | Haghpat    | 06-060-0203-0020 | Community     | Directly held by the community | 977.4    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 516 | 516    | Haghpat    | 06-060-0203-0042 | Private       | Directly held by the owner     | 115.5    | Industrial                   |                    |    |                    |    |                |                 | Fencing               | metal    | 80               |       |               |        |                        | 1                   | 5                |                      |              |  |                       |
| 517 | 517    | Haghpat    | 06-060-0203-0043 | Private       | Directly held by the owner     | 107.7    | Industrial                   |                    |    |                    |    | Stone          | 7               | Fencing               | metal    | 94               | Fruit | Fruit-bearing | 12     |                        | 1                   | 7                |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |          | Décor            | Large | 1             |        |                        |                     |                  |                      |              |  |                       |
| 518 |        | Haghpat    | 06-060-0203-0050 | Community     | Directly held by the community | 378.3    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |               |        |                        |                     |                  |                      |              |  |                       |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                  |          |                              | Affected Structure |    | Movable structures |    | Affected Fence |                 | Affected Improvements |           |                  | Trees |               |        | Assets to be relocated | Affected Households |                  |                      |              |  |                       |
|-----|--------|------------|------------------|---------------|----------------------------------|----------|------------------------------|--------------------|----|--------------------|----|----------------|-----------------|-----------------------|-----------|------------------|-------|---------------|--------|------------------------|---------------------|------------------|----------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                     | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material  | Area, m2, lm, no | Type  | Subtype       | No/M 2 |                        | No of AHs           | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 519 | 519    | Haghp at   | 06-060-0203-0017 | Community     | Non registered user              | 758.6    | Other land                   |                    |    |                    |    |                |                 | Fencing               | metal     | 190              | Fruit | Fruit-bearing | 28     |                        | 1                   | 1                |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                  |          |                              |                    |    |                    |    |                |                 | Gate                  | metal     | 1                |       |               |        |                        |                     |                  |                      |              |  |                       |
| 520 |        | Haghp at   | 06-060-0203-0048 | Community     | Directly held by the community   | 334.4    | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 521 | 521    | Haghp at   | 06-060-0203-0049 | Private       | Directly held by the owner       | 132      | Commer cial                  |                    |    |                    |    |                |                 | Fencing               | wire mesh | 50               | Fruit | Fruit-bearing | 3      |                        | 1                   | 1                |                      |              |  |                       |
|     |        |            |                  |               |                                  |          |                              |                    |    |                    |    |                |                 |                       |           |                  | Wood  | Large         | 4      |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                  |          |                              |                    |    |                    |    |                |                 |                       |           |                  | Décor | Large         | 1      |                        |                     |                  |                      |              |  |                       |
| 522 |        | Haghp at   | 06-060-0203-0038 | Community     | Directly held by the community   | 506      | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 523 |        | Haghp at   | 06-060-0203-0044 | Community     | Directly held by the community   | 910      | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 524 |        | Haghp at   | 06-060-0203-0013 | Community     | Directly held by the community   | 54.6     | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 525 |        | Haghp at   | 06-060-0203-0012 | Community     | Directly held by the community   | 58.8     | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 526 | 526    | Haghp at   | 06-060-0203-0039 | Private       | Not identified/n o sign of usage | 116      | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        | 1                   | 1                |                      |              |  |                       |
| 527 |        | Haghp at   | 06-060-0203-0010 | Community     | Directly held by the community   | 8921.2   | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 528 |        | Haghp at   | 06-060-0203-0031 | Community     | Directly held by the community   | 50.1     | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 529 |        | Haghp at   | 06-060-0203-0001 | Community     | Directly held by the community   | 2155.7   | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 530 |        | Haghp at   | 06-060-0203-0008 | Community     | Directly held by the community   | 29       | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 531 | 531    | Haghp at   | 06-060-0203-0004 | Community     | Non registered user              | 382.4    | Other land                   |                    |    |                    |    |                |                 | Fencing               | wood      | 91               |       |               |        |                        | 1                   | 1                |                      |              |  |                       |
| 532 |        | Haghp at   | 06-060-0203-0002 | RA            | -                                | 106.1    | Industrial                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 533 |        | Haghp at   | 06-060-0203-0003 | RA            | -                                | 101.8    | Industrial                   |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 534 |        | Haghp at   | 06-060-0504-0001 | RA            | -                                | 92       | Transport                    |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 535 |        | Neghots    | 06-080-0550-0001 | RA            | -                                | 21975    | Transport                    |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 536 |        | Neghots    | 06-080-0550-0002 | Community     | Directly held by the community   | 31.7     | Road                         |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |
| 537 | 537    | Neghots    | 06-080-0116-0170 | RA            | Non registered user              | 778      | Other land                   |                    |    |                    |    |                |                 | Fencing               | wood      | 96               |       |               |        |                        | 1                   | 4                |                      |              |  |                       |
| 538 |        | Neghots    | 06-080-0116-0010 | RA            | -                                | 31       | Forest                       |                    |    |                    |    |                |                 |                       |           |                  |       |               |        |                        |                     |                  |                      |              |  |                       |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                 |          |                              | Affected Structure |    | Movable structures |    | Affected Fence |                 | Affected Improvements |                        |                  | Trees              |               |        | Assets to be relocated | Affected Households |                   |                      |                    |  |                       |  |
|-----|--------|------------|------------------|---------------|---------------------------------|----------|------------------------------|--------------------|----|--------------------|----|----------------|-----------------|-----------------------|------------------------|------------------|--------------------|---------------|--------|------------------------|---------------------|-------------------|----------------------|--------------------|--|-----------------------|--|
|     |        |            |                  | Type of owner | Usage Status                    | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material               | Area, m2, lm, no | Type               | Subtype       | No/M 2 |                        | No of AHHs          | No of AHH members | Vulnerability Status | Severely AHH       | Non land improvement used by illegal users on private land plots | Residential Relocatee |  |
| 539 |        | Neghots    | 06-080-0013-0005 | Community     | Directly held by the community  | 330      | Other land                   |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     |                   |                      |                    |  |                       |  |
| 540 |        | Neghots    | 06-080-0516-0001 | Community     | Directly held by the community  | 65.1     | Road                         |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     |                   |                      |                    |  |                       |  |
| 541 |        | Neghots    | 06-080-0006-0018 | Community     | Directly held by the community  | 1708.6   | Other land                   |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     |                   |                      |                    |  |                       |  |
| 542 |        | Neghots    | 06-080-0006-0007 | Community     | Directly held by the community  | 134.7    | Other land                   |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     |                   |                      |                    |  |                       |  |
| 543 |        | Neghots    | 06-080-0118-0018 | Community     | Directly held by the community  | 16.5     | Other land                   |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     |                   |                      |                    |  |                       |  |
| 544 | 544    | Neghots    | 06-080-0005-0006 | Community     | Non registered user             | 1803.2   | Other land                   |                    |    |                    |    |                |                 | Fencing               | in-situ r/c, metal     | 135              |                    |               |        |                        |                     | 1                 | 2                    | Elderly headed AHH |  |                       |  |
|     |        |            |                  |               |                                 |          |                              |                    |    |                    |    |                |                 |                       |                        | Fruit            | Fruit-bearing      | 21            |        | 1                      | 1                   |                   | Severely AHH         |                    |  |                       |  |
| 545 | 545    | Neghots    | 06-080-0005-0005 | Community     | Non registered user             | 63.1     | Other land                   |                    |    |                    |    |                |                 | Fencing               | in-situ r/c, metal     | 40               |                    |               |        |                        |                     | same as 544 ID    | same as 544 ID       | same as 544 ID     |  |                       |  |
| 546 | 546    | Neghots    | 06-080-0005-0035 | Community     | Non registered user             | 41.3     | Other land                   |                    |    |                    |    |                |                 | Fencing               | in-situ r/c, metal     | 15               |                    |               |        |                        |                     | same as 544 ID    | same as 544 ID       | same as 544 ID     |  |                       |  |
| 547 |        | Neghots    | 06-080-0005-0036 | Community     | Directly held by the community  | 95.4     | Other land                   |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     |                   |                      |                    |  |                       |  |
| 548 |        | Neghots    | 06-080-0005-0011 | Community     | Directly held by the community  | 454.9    | Other land                   |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     |                   |                      |                    |  |                       |  |
| 549 |        | Neghots    | 06-080-0005-0037 | Community     | Directly held by the community  | 616      | Other land                   |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     |                   |                      |                    |  |                       |  |
| 550 | 550    | Neghots    | 06-080-0005-0015 | Private       | Directly held by the owner      | 8.8      | Other land                   |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     | 1                 | 1                    |                    |  |                       |  |
| 551 | 551    | Neghots    | 06-080-0005-0033 | Private       | Directly held by the owner      | 33.2     | Orchard                      |                    |    |                    |    | Stone          | 81.4            |                       |                        |                  | Fruit              | Fruit-bearing | 5      |                        |                     | 1                 | 6                    | Poor AHH           |  |                       |  |
|     |        |            |                  |               |                                 |          |                              |                    |    |                    |    |                |                 |                       |                        | Fruit            | Not-yet-productive | 1             |        |                        |                     |                   |                      |                    |  |                       |  |
| 552 |        | Neghots    | 06-080-0005-0041 | Community     | Directly held by the community  | 444.5    | Other land                   |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     |                   |                      |                    |  |                       |  |
| 553 | 553    | Neghots    | 06-080-0117-0002 | Private       | Directly held by the owner      | 54.8     | Industrial                   |                    |    |                    |    |                |                 | Fencing               | in-situ r/c, wire mesh | 20               | Fruit              | Fruit-bearing | 1      |                        |                     | 1                 | 5                    |                    | Severely AHH   |                       |  |
|     |        |            |                  |               |                                 |          |                              |                    |    |                    |    |                |                 |                       | Door                   | metal            | 1                  |               |        |                        |                     |                   |                      |                    |  |                       |  |
| 555 |        | Neghots    | 06-080-0531-0001 | RA            | -                               | 41195    | Transport                    |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     |                   |                      |                    |  |                       |  |
| 556 | 556    | Neghots    | 06-080-0108-0019 | Private       | Not identified/no sign of usage | 1187.1   | Other land                   |                    |    |                    |    |                |                 |                       |                        |                  |                    |               |        |                        |                     | 1                 | 1                    |                    |  |                       |  |



| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure |       | Movable structures |    | Affected Fence |                 | Affected Improvements |           |                  | Trees |               |                     | Assets to be relocated | Affected Households |                  |                      |              |  |                       |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|--------------------|-------|--------------------|----|----------------|-----------------|-----------------------|-----------|------------------|-------|---------------|---------------------|------------------------|---------------------|------------------|----------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2    | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material  | Area, m2, lm, no | Type  | Subtype       | No/M 2              |                        | No of AHHs          | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 557 |        | Neghots    | 06-080-0108-0016 | Community     | Directly held by the community | 242.4    | Other land                   |                    |       |                    |    |                |                 |                       |           |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 560 |        | Neghots    | 06-080-0107-0052 | Community     | Directly held by the community | 739.2    | Other land                   |                    |       |                    |    |                |                 |                       |           |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 561 |        | Neghots    | 06-080-0107-0010 | Community     | Directly held by the community | 3681.7   | Other land                   |                    |       |                    |    |                |                 |                       |           |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 562 |        | Neghots    | 06-080-0107-0048 | Community     | Directly held by the community | 762.7    | Other land                   |                    |       |                    |    |                |                 |                       |           |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 563 |        | Neghots    | 06-080-0107-0009 | Community     | Directly held by the community | 298      | Other land                   |                    |       |                    |    |                |                 |                       |           |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 564 |        | Neghots    | 06-080-0107-0053 | Community     | Directly held by the community | 63.1     | Other land                   |                    |       |                    |    |                |                 |                       |           |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 565 |        | Neghots    | 06-080-0107-0050 | Community     | Directly held by the community | 5002.2   | Other land                   |                    |       |                    |    |                |                 |                       |           |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 566 |        | Neghots    | 06-080-0103-0001 | Community     | Directly held by the community | 5212.8   | Pasture                      |                    |       |                    |    |                |                 |                       |           |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 567 |        | Neghots    | 06-080-0105-0001 | RA            | -                              | 7512.5   | Forest                       |                    |       |                    |    |                |                 |                       |           |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 568 |        | Neghots    | 06-080-0109-0002 | Community     | Directly held by the community | 80.1     | Other land                   |                    |       |                    |    |                |                 |                       |           |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 569 |        | Neghots    | 06-080-0109-0005 | Community     | Directly held by the community | 63.1     | Other land                   |                    |       |                    |    |                |                 |                       |           |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 570 | 570    | Neghots    | 06-080-0116-0001 | Community     | Non registered user            | 1055     | Other land                   |                    |       |                    |    |                |                 | Fencing               | wire mesh | 212              | Fruit | Fruit-bearing | 18                  |                        | 1                   | 3                |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |       |                    |    |                | Gate            | metal                 | 1         |                  |       |               |                     |                        |                     |                  |                      |              |  |                       |
| 571 | 571    | Neghots    | 06-080-0116-0003 | Community     | Non registered user            | 2395.7   | Pasture                      |                    |       |                    |    |                |                 | Fencing               | wire mesh | 70               |       |               |                     |                        | 1                   | 8                |                      |              |  |                       |
| 572 | 572    | Neghots    | 06-080-0572-0013 | Community     | Non registered user            | 3203.9   | Other land                   | Cattle shed        | 49    |                    |    |                |                 |                       |           |                  | Fruit | Fruit-bearing | 4                   | Assets to be relocated | same as 571 ID      | same as 571 ID   |                      | Severely AHH |  |                       |
| 573 | 573    | Odzun      | 06-112-0437-0014 | Community     | Non registered user            | 1515.1   | Other land                   |                    |       |                    |    |                |                 |                       |           |                  | Fruit | Fruit-bearing | 612                 |                        | same as 393 ID      | same as 393 ID   |                      | Severely AHH |  |                       |
| 574 | 574    | Odzun      | 06-112-0437-0002 | Community     | Non registered user            | 94.4     | Other land                   | Non-operating shop | 32.04 |                    |    | In-situ r/c    | 18              |                       |           |                  | Fruit | Fruit-bearing | 13                  | Assets to be relocated | same as 393 ID      | same as 393 ID   |                      | Severely AHH |  |                       |
| 575 | 575    | Odzun      | 06-112-0437-0004 | Community     | Non registered user            | 164.9    | Other land                   | Shed               | 4.5   |                    |    | Stone          | 20              | Door                  | metal     | 1                | Fruit | Fruit-bearing | 839                 |                        | 1                   | 5                |                      | Severely AHH |  |                       |
| 576 | 576    | Odzun      | 06-112-0437-0005 | Community     | Non registered user            | 51.7     | Other land                   | Closet             | 8.9   |                    |    |                |                 |                       |           |                  |       |               |                     | Assets to be relocated | same as 393 ID      | same as 393 ID   |                      |              |  |                       |
| 577 | 577    | Odzun      | 06-112-0437-0008 | Community     | Non registered user            | 578.7    | Other land                   |                    |       |                    |    | Stone          | 150             | Door                  | metal     | 1                | Fruit | Fruit-bearing | 32                  |                        | 1                   | 2                | Woman headed AHH     | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |       |                    |    |                |                 |                       | Fencing   | wire mesh        | 55    | Fruit         | Not-yet-productiv e | 4                      |                     |                  |                      |              |  |                       |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure   |       | Movable structures |    | Affected Fence |                 | Affected Improvements |           |                  | Trees              |               |        | Assets to be relocated | Affected Households |                   |                      |              |  |                       |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|----------------------|-------|--------------------|----|----------------|-----------------|-----------------------|-----------|------------------|--------------------|---------------|--------|------------------------|---------------------|-------------------|----------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name                 | m2    | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material  | Area, m2, lm, no | Type               | Subtype       | No/M 2 |                        | No of AHHs          | No of AHH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 578 |        | Odzun      | 06-112-0437-0013 | Community     | Directly held by the community | 311.4    | Other land                   |                      |       |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
| 579 | 579    | Odzun      | 06-112-0437-0010 | Community     | Non registered user            | 105.4    | Other land                   |                      |       |                    |    |                |                 |                       |           |                  | Fruit              | Fruit-bearing | 1724   |                        | same as 577 ID      | same as 577 ID    | same as 577 ID       | Severely AHH |  |                       |
| 580 |        | Odzun      | 06-112-0437-0015 | Community     | Directly held by the community | 246.6    | Other land                   |                      |       |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
| 581 |        | Odzun      | 06-112-0437-0019 | Community     | Directly held by the community | 46.6     | Other land                   |                      |       |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
| 582 | 582    | Odzun      | 06-112-0437-0020 | Private       | Directly held by the owner     | 131.4    | Orchard                      |                      |       |                    |    | Stone          | 30              |                       |           |                  | Fruit              | Fruit-bearing | 24     |                        | 1                   | 2                 |                      | Severely AHH |  |                       |
| 583 |        | Odzun      | 06-112-0437-0016 | Community     | Directly held by the community | 51.8     | Other land                   |                      |       |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
| 584 |        | Odzun      | 06-112-1097-0002 | Community     | Directly held by the community | 47.6     | Road                         |                      |       |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
| 585 | 585    | Odzun      | 06-112-0437-0022 | Community     | Non registered user            | 832.4    | Other land                   | Lodge                | 11.5  |                    |    | Stone          | 10              | Fencing               | wood      | 5                | Fruit              | Fruit-bearing | 11     | Assets to be relocated | 1                   | 2                 |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              | Toilet               | 1.5   |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
| 586 | 586    | Odzun      | 06-112-0437-0021 | RA            | Non registered user            | 748.7    | Other land                   |                      |       |                    |    |                |                 | Fencing               | wire mesh | 70               | Fruit              | Fruit-bearing | 9      |                        | same as 585 ID      | same as 585 ID    |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                      |       |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                      |       |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                      |       |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
| 587 | 587    | Odzun      | 06-112-0437-0030 | Community     | Non registered user            | 413.7    | Other land                   |                      |       |                    |    |                | Fencing         | wire mesh             | 40        | Fruit            | Fruit-bearing      | 15            |        | same as 585 ID         | same as 585 ID      |                   | Severely AHH         |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                      |       |                    |    |                |                 |                       | Décor     | Large            | 2                  |               |        |                        |                     |                   |                      |              |  |                       |
| 588 |        | Odzun      | 06-112-1096-0002 | Community     | Directly held by the community | 22.7     | Road                         |                      |       |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
| 589 | 589    | Odzun      | 06-112-0437-0031 | Community     | Non registered user            | 178.9    | Other land                   |                      |       |                    |    |                |                 |                       |           |                  | Fruit              | Fruit-bearing | 5      |                        | 1                   | 5                 |                      | Severely AHH |  |                       |
| 590 | 590    | Odzun      | 06-112-0437-0037 | Community     | Non registered user            | 85.6     | Other land                   | Closet               | 11.52 |                    |    |                |                 | Fencing               | wire mesh | 10               | Fruit              | Fruit-bearing | 14     |                        | 1                   | 2                 |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                      |       |                    |    |                | Gate            | metal                 | 1         | Fruit            | Not-yet-productive | 5             |        |                        |                     |                   |                      |              |  |                       |
| 591 | 591    | Odzun      | 06-112-0437-0038 | Community     | Non registered user            | 725.9    | Other land                   |                      |       |                    |    |                |                 | Fencing               | wire mesh | 10               | Fruit              | Fruit-bearing | 364    |                        | same as 589 ID      | same as 589 ID    |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                      |       |                    |    |                | Gate            | metal                 | 1         |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                      |       |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                   |                      |              |  |                       |
| 593 | 593    | Odzun      | 06-112-0437-0039 | Community     | Non registered user            | 313.9    | Other land                   | Car repair main hole | 2.1   | Kiosk              | 3  |                |                 | Fencing               | wire mesh | 50               | Fruit              | Fruit-bearing | 9      |                        | 1                   | 1                 |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              | Toilet               | 1.5   |                    |    |                |                 |                       | Gate      | metal            | 1                  |               |        |                        |                     |                   |                      |              |  |                       |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure    |     | Movable structures |    | Affected Fence |                 | Affected Improvements |           |                  | Trees |                    |                        | Assets to be relocated | Affected Households |                  |                      |              |  |                       |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|-----------------------|-----|--------------------|----|----------------|-----------------|-----------------------|-----------|------------------|-------|--------------------|------------------------|------------------------|---------------------|------------------|----------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name                  | m2  | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material  | Area, m2, lm, no | Type  | Subtype            | No/M 2                 |                        | No of AHHs          | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
|     | 593-1  |            |                  |               |                                |          |                              |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        | 1                   | 2                | Elderly headed AHH   |              | Non land improvement AHH   |                       |
| 594 | 594    | Odzun      | 06-112-0437-0043 | Community     | Non registered user            | 741.8    | Other land                   | Dilapidated structure | 7.7 |                    |    |                |                 |                       |           |                  |       |                    |                        |                        | 1                   | 1                |                      |              |  |                       |
| 595 | 595    | Odzun      | 06-112-0437-0052 | Community     | Non registered user            | 4528.3   | Other land                   |                       |     |                    |    |                |                 |                       |           |                  |       |                    | Assets to be relocated | 1                      | 1                   |                  |                      |              |  |                       |
| 596 |        | Odzun      | 06-112-0437-0048 | Community     | Directly held by the community | 45.3     | Other land                   |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        |                     |                  |                      |              |  |                       |
| 597 |        | Odzun      | 06-112-0437-0108 | Community     | Directly held by the community | 201.8    | Other land                   |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        |                     |                  |                      |              |  |                       |
| 598 |        | Odzun      | 06-112-0437-0105 | Community     | Directly held by the community | 18.9     | Other land                   |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        |                     |                  |                      |              |  |                       |
| 599 |        | Odzun      | 06-112-0437-0060 | Community     | Directly held by the community | 465.8    | Other land                   |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        |                     |                  |                      |              |  |                       |
| 600 | 600    | Odzun      | 06-112-0437-0066 | Private       | Directly held by the owner     | 357.3    | Orchard                      | Shed                  | 4   |                    |    | Stone          | 25              | Door                  | metal     | 1                | Fruit | Fruit-bearing      | 14                     |                        | 1                   | 2                | Woman headed AHH     | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                       |     |                    |    |                |                 | Fencing               | wire mesh | 42               | Fruit | Not-yet-productive | 1                      |                        |                     |                  |                      |              |  |                       |
| 601 |        | Odzun      | 06-112-1089-0002 | Community     | Directly held by the community | 16.7     | Road                         |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        |                     |                  |                      |              |  |                       |
| 602 |        | Odzun      | 06-112-0437-0101 | Community     | Directly held by the community | 156.6    | Other land                   |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        |                     |                  |                      |              |  |                       |
| 603 | 603    | Odzun      | 06-112-0437-0072 | Community     | Non registered user            | 347.3    | Other land                   |                       |     |                    |    | Stone          | 25              | Fencing               | wire mesh | 50               | Fruit | Fruit-bearing      | 12                     |                        | 1                   | 1                |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                       |     |                    |    |                |                 | Gate                  | metal     | 1                | Fruit | Not-yet-productive | 10                     |                        |                     |                  |                      |              |  |                       |
| 604 |        | Odzun      | 06-112-1088-0002 | Community     | Directly held by the community | 41.1     | Road                         |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        |                     |                  |                      |              |  |                       |
| 605 |        | Odzun      | 06-112-0437-0073 | Community     | Directly held by the community | 31.3     | Other land                   |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        |                     |                  |                      |              |  |                       |
| 606 |        | Odzun      | 06-112-0437-0103 | Community     | Directly held by the community | 70.9     | Other land                   |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        |                     |                  |                      |              |  |                       |
| 607 |        | Odzun      | 06-112-0438-0102 | Community     | Directly held by the community | 1.5      | Other land                   |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        |                     |                  |                      |              |  |                       |
| 608 |        | Odzun      | 06-112-0438-0008 | Community     | Directly held by the community | 270      | Other land                   |                       |     |                    |    |                |                 |                       |           |                  |       |                    |                        |                        |                     |                  |                      |              |  |                       |
| 609 | 609    | Odzun      | 06-112-0438-0091 | Community     | Non registered user            | 30.9     | Other land                   |                       |     |                    |    |                |                 |                       |           |                  | Fruit | Fruit-bearing      | 6                      | Assets to be relocated | 1                   | 1                |                      | Severely AHH |  |                       |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure |    | Movable structures |    | Affected Fence |                 | Affected Improvements |           |                  | Trees              |               |        | Assets to be relocated | Affected Households |                  |                      |              |  |                       |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|--------------------|----|--------------------|----|----------------|-----------------|-----------------------|-----------|------------------|--------------------|---------------|--------|------------------------|---------------------|------------------|----------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material  | Area, m2, lm, no | Type               | Subtype       | No/M 2 |                        | No of AHHs          | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 610 |        | Odzun      | 06-112-1085-0002 | Community     | Directly held by the community | 10.3     | Road                         |                    |    |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                  |                      |              |  |                       |
| 611 |        | Odzun      | 06-112-0438-0014 | RA            | -                              | 1707     | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                  |                      |              |  |                       |
| 612 |        | Odzun      | 06-112-1081-0002 | Community     | Directly held by the community | 158.2    | Road                         |                    |    |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                  |                      |              |  |                       |
| 613 |        | Odzun      | 06-112-0438-0040 | Community     | Directly held by the community | 22.1     | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                  |                      |              |  |                       |
| 614 |        | Odzun      | 06-112-0438-0041 | Community     | Directly held by the community | 126.2    | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                  |                      |              |  |                       |
| 616 |        | Odzun      | 06-112-0438-0055 | RA            | -                              | 5102.2   | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                  |                      |              |  |                       |
| 617 | 617    | Odzun      | 06-112-0438-0104 | Private       | Directly held by the owner     | 13.7     | Residential                  |                    |    |                    |    | Stone          | 62.4            | Fencing               | wire mesh | 12               | Fruit              | Fruit-bearing | 16     | Assets to be relocated | 1                   | 5                |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                | Door            | metal                 | 1         |                  |                    |               |        |                        |                     |                  |                      |              |  |                       |
| 618 | 618    | Odzun      | 06-112-0438-0087 | Private       | Directly held by the owner     | 680.9    | Orchard                      |                    |    |                    |    |                |                 |                       |           |                  | Fruit              | Fruit-bearing | 21     |                        | same as 617 ID      | same as 617 ID   |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |           | Fruit            | Not-yet-productive | 1             |        |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |           | Fruit            | Seedling           | 2             |        |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |           | Wood             | Small              | 13            |        |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |           | Décor            | Large              | 10            |        |                        |                     |                  |                      |              |  |                       |
| 619 |        | Odzun      | 06-112-1111-0002 | Community     | Directly held by the community | 34.2     | Road                         |                    |    |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                  |                      |              |  |                       |
| 620 | 620    | Odzun      | 06-112-0502-0012 | Private       | Directly held by the owner     | 176.2    | Residential                  |                    |    |                    |    |                |                 | Fencing               | wire mesh | 5                | Fruit              | Fruit-bearing | 5      |                        | 1                   | 6                |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |           | Fruit            | Not-yet-productive | 5             |        |                        |                     |                  |                      |              |  |                       |
| 621 | 621    | Odzun      | 06-112-0502-0013 | Community     | Non registered user            | 271.4    | Other land                   |                    |    |                    |    |                |                 | Fencing               | wire mesh | 5                | Fruit              | Fruit-bearing | 10     |                        | same as 620 ID      | same as 620 ID   |                      | Severely AHH |  |                       |
| 622 |        | Odzun      | 06-112-1114-0002 | Community     | Directly held by the community | 9.4      | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                  |                      |              |  |                       |
| 623 | 623    | Odzun      | 06-112-0504-0006 | Community     | Non registered user            | 240      | Other land                   |                    |    |                    |    |                |                 | Stairs                | concrete  | 2                | Fruit              | Fruit-bearing | 1      |                        | 1                   | 6                |                      | Severely AHH |  |                       |
| 624 |        | Odzun      | 06-112-1116-0002 | Community     | Directly held by the community | 11.9     | Road                         |                    |    |                    |    |                |                 |                       |           |                  |                    |               |        |                        |                     |                  |                      |              |  |                       |
| 625 | 625    | Odzun      | 06-112-0505-0004 | Community     | Non registered user            | 76.2     | Other land                   |                    |    |                    |    |                |                 |                       |           |                  | Fruit              | Fruit-bearing | 1      |                        | same as 623 ID      | same as 623 ID   |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |           | Fruit            | Not-yet-productive | 1             |        |                        |                     |                  |                      |              |  |                       |
| 626 | 626    | Odzun      | 06-112-0505-0014 | Private       | Directly held by the owner     | 52.3     | Commercial                   |                    |    |                    |    |                |                 |                       |           |                  |                    |               |        |                        | same as 623 ID      | same as 623 ID   |                      |              |  |                       |

| ID  | AHH ID | Communit<br>y | Lot-Code         | Affected Land    |                                 |          |                                       | Affected Structure |    | Movable<br>structures |    | Affected Fence |                    | Affected Improvements |           |                        | Trees              |                    |               | Assets<br>to be<br>relocated | Affected Households |                            |                         |                  |   |                          |  |  |  |
|-----|--------|---------------|------------------|------------------|---------------------------------|----------|---------------------------------------|--------------------|----|-----------------------|----|----------------|--------------------|-----------------------|-----------|------------------------|--------------------|--------------------|---------------|------------------------------|---------------------|----------------------------|-------------------------|------------------|---|--------------------------|--|--|--|
|     |        |               |                  | Type of<br>owner | Usage<br>Status                 | Area, M2 | Type of<br>Land by<br>actual<br>usage | Name               | m2 | Name                  | m2 | Material       | Affected<br>l.m/m2 | Name                  | Material  | Area,<br>m2,<br>lm, no | Type               | Subtype            | No/M<br>2     |                              | No of<br>AHs        | No of<br>AH<br>membe<br>rs | Vulnerability<br>Status | Severely<br>AHH  | Non land<br>improvement<br>used by<br>illegal users<br>on private<br>land plots | Residential<br>Relocatee |  |  |  |
| 627 |        | Odzun         | 06-112-0505-0009 | Community        | Directly held by the community  | 284.3    | Other land                            |                    |    |                       |    |                |                    |                       |           |                        |                    |                    |               |                              |                     |                            |                         |                  |   |                          |  |  |  |
| 628 |        | Odzun         | 06-112-1121-0002 | Community        | Directly held by the community  | 53.1     | Road                                  |                    |    |                       |    |                |                    |                       |           |                        |                    |                    |               |                              |                     |                            |                         |                  |   |                          |  |  |  |
| 629 | 629-1  | Odzun         | 06-112-0508-0020 | Community        | Non registered user             | 4679.7   | Other land                            |                    |    |                       |    | Stone          | 20                 | Staircase             | metal     | 1                      | Fruit              | Fruit-bearing      | 20            |                              | 1                   | 7                          |                         | Severely AHH     |   |                          |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    | Stone                 | 20 | Staircase      | metal              | 1                     | Fruit     | Fruit-bearing          | 36                 |                    | 1             | 2                            | Woman headed AHH    | Severely AHH               |                         |                  |   |                          |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    |                       |    |                |                    |                       |           | Fruit                  | Not-yet-productive | 9                  |               |                              |                     |                            |                         |                  |   |                          |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    |                       |    |                |                    |                       |           |                        | Fruit              | Fruit-bearing      | 35            |                              | same as 623 ID      | same as 623 ID             |                         | Severely AHH     |   |                          |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    |                       |    |                |                    |                       |           |                        | Fruit              | Not-yet-productive | 2             |                              |                     |                            |                         |                  |   |                          |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    |                       |    |                |                    |                       | Stone     | 69.7                   | Stairs             | concrete           | 5             | Fruit                        | Fruit-bearing       | 31                         |                         | 1                | 6   |                          |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    |                       |    |                |                    |                       |           |                        |                    |                    |               | Fruit                        | Not-yet-productive  | 3                          |                         |                  |   |                          |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    |                       |    |                |                    |                       |           |                        |                    |                    |               | Fruit                        | Fruit-bearing       | 7                          |                         | 1                | 1   | Woman headed AHH         |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    |                       |    |                |                    |                       |           |                        | Fruit              | Not-yet-productive | 1             |                              | 1                   | 1                          |                         |                  |   |                          |  |  |  |
| 630 | 630    | Odzun         | 06-112-0508-0014 | Private          | Directly held by the owner      | 120.8    | Orchard                               |                    |    |                       |    |                |                    |                       |           |                        |                    | Fruit              | Fruit-bearing | 15                           |                     | same as 629-5 ID           | same as 629-5 ID        | same as 629-5 ID |   |                          |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    |                       |    |                |                    |                       |           |                        | Décor              | Large              | 2             |                              |                     |                            |                         |                  |   |                          |  |  |  |
| 631 | 631    | Odzun         | 06-112-0508-0015 | Private          | Not identified/no sign of usage | 58.8     | Other land                            |                    |    |                       |    |                |                    |                       |           |                        |                    |                    |               |                              | 1                   | 1                          |                         |                  |   |                          |  |  |  |
| 632 |        | Odzun         | 06-112-0508-0019 | Community        | Directly held by the community  | 55.7     | Other land                            |                    |    |                       |    |                |                    |                       |           |                        |                    |                    |               |                              |                     |                            |                         |                  |   |                          |  |  |  |
| 633 | 633    | Odzun         | 06-112-0508-0018 | Private          | Not identified/no sign of usage | 206      | Other land                            |                    |    |                       |    |                |                    |                       |           |                        |                    |                    |               |                              | 1                   | 1                          |                         |                  |   |                          |  |  |  |
| 634 | 634    | Odzun         | 06-112-0508-0021 | Private          | Not identified/no sign of usage | 159.2    | Other land                            |                    |    |                       |    |                |                    |                       |           |                        |                    |                    |               |                              | 1                   | 1                          |                         |                  |   |                          |  |  |  |
| 635 |        | Odzun         | 06-112-0508-0023 | Community        | Directly held by the community  | 8.8      | Other land                            |                    |    |                       |    |                |                    |                       |           |                        |                    |                    |               |                              |                     |                            |                         |                  |   |                          |  |  |  |
| 636 | 636    | Odzun         | 06-112-0508-0026 | Private          | Directly held by the owner      | 533.2    | Orchard                               |                    |    |                       |    |                |                    | Fencing               | wire mesh | 43                     | Fruit              | Fruit-bearing      | 25            |                              | 1                   | 5                          |                         |                  |   |                          |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    |                       |    |                |                    | Door                  | metal     | 1                      |                    |                    |               |                              |                     |                            |                         |                  |   |                          |  |  |  |
| 637 | 637    | Odzun         | 06-112-0508-0027 | Private          | Directly held by the owner      | 344      | Orchard                               |                    |    |                       |    |                |                    |                       |           |                        | Fruit              | Fruit-bearing      | 39            |                              | 1                   | 3                          | Poor AHH                |                  |   |                          |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    |                       |    |                |                    |                       |           |                        | Wood               | Medium             | 1             |                              |                     |                            |                         |                  |   |                          |  |  |  |
|     |        |               |                  |                  |                                 |          |                                       |                    |    |                       |    |                |                    |                       |           |                        | Wood               | Small              | 1             |                              |                     |                            |                         |                  |   |                          |  |  |  |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                  |          |                              | Affected Structure |     | Movable structures |    | Affected Fence |                 | Affected Improvements |          |                  | Trees         |                     |        | Assets to be relocated | Affected Households |                   |                      |              |  |                       |
|-----|--------|------------|------------------|---------------|----------------------------------|----------|------------------------------|--------------------|-----|--------------------|----|----------------|-----------------|-----------------------|----------|------------------|---------------|---------------------|--------|------------------------|---------------------|-------------------|----------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                     | Area, M2 | Type of Land by actual usage | Name               | m2  | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material | Area, m2, lm, no | Type          | Subtype             | No/M 2 |                        | No of AHS           | No of AH membe rs | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 638 | 638    | Odzun      | 06-112-0508-0030 | Private       | Directly held by the owner       | 551.7    | Orchard                      |                    |     |                    |    |                |                 |                       |          |                  | Fruit         | Fruit-bearing       | 53     |                        | same as 637 ID      | same as 637 ID    | same as 637 ID       |              |  |                       |
| 639 |        | Odzun      | 06-112-1135-0002 | Community     | Directly held by the community   | 45.5     | Road                         |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        |                     |                   |                      |              |  |                       |
| 640 | 640    | Odzun      | 06-112-0514-0002 | Private       | Directly held by the owner       | 445.9    | Orchard                      |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        | same as 637 ID      | same as 637 ID    | same as 637 ID       |              |  |                       |
| 641 | 641    | Odzun      | 06-112-0514-0003 | Private       | Not identified/n o sign of usage | 175.2    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        | 1                   | 1                 |                      |              |  |                       |
| 642 |        | Odzun      | 06-112-1137-0002 | Community     | Directly held by the community   | 12.7     | Road                         |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        |                     |                   |                      |              |  |                       |
| 643 |        | Odzun      | 06-112-0519-0001 | Community     | Directly held by the community   | 134.4    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        |                     |                   |                      |              |  |                       |
| 644 | 644    | Odzun      | 06-112-0517-0004 | Private       | Not identified/n o sign of usage | 421      | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        | 1                   | 1                 |                      |              |  |                       |
| 645 | 645    | Odzun      | 06-112-0517-0003 | Private       | Not identified/n o sign of usage | 341.5    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        | 1                   | 1                 |                      |              |  |                       |
| 646 | 646    | Odzun      | 06-112-0517-0005 | Private       | Not identified/n o sign of usage | 636.7    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        | 1                   | 1                 |                      |              |  |                       |
| 647 | 647    | Odzun      | 06-112-0518-0009 | Private       | Not identified/n o sign of usage | 267.2    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        | 1                   | 1                 |                      |              |  |                       |
| 648 | 648    | Odzun      | 06-112-0518-0010 | Private       | Not identified/n o sign of usage | 393.6    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        | 1                   | 1                 |                      |              |  |                       |
| 649 | 649    | Odzun      | 06-112-0518-0013 | Private       | Not identified/n o sign of usage | 273.7    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        | 1                   | 1                 |                      |              |  |                       |
| 650 | 650    | Odzun      | 06-112-0518-0014 | Private       | Not identified/n o sign of usage | 226.9    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        | 1                   | 1                 |                      |              |  |                       |
| 651 | 651    | Odzun      | 06-112-0518-0016 | Private       | Not identified/n o sign of usage | 182.4    | Other land                   |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        | 1                   | 1                 |                      |              |  |                       |
| 652 | 652-1  | Odzun      | 06-112-0518-0033 | Community     | Non registered user              | 2881.8   | Other land                   | Toilet             | 1.5 |                    |    |                |                 |                       |          |                  | Fruit         | Fruit-bearing       | 1      |                        | 1                   | 1                 |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                  |          |                              |                    |     |                    |    |                |                 |                       |          | Fruit            | Fruit-bearing | 19                  |        | 1                      | 6                   |                   | Severely AHH         |              |  |                       |
|     |        |            |                  |               |                                  |          |                              |                    |     |                    |    |                |                 |                       |          |                  | Fruit         | Not-yet-productiv e | 1      |                        |                     |                   |                      |              |  |                       |
| 653 | 653    | Odzun      | 06-112-0518-0022 | Private       | Directly held by the owner       | 221.3    | Orchard                      |                    |     |                    |    |                |                 |                       |          |                  | Fruit         | Fruit-bearing       | 4      |                        | same as 652-2 ID    | same as 652-2 ID  |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                  |          |                              |                    |     |                    |    |                |                 |                       |          |                  | Fruit         | Not-yet-productiv e | 2      |                        |                     |                   |                      |              |  |                       |
| 654 | 654    | Odzun      | 06-112-0518-0034 | Private       | Directly held by the             | 14.2     | Commer cial                  |                    |     |                    |    |                |                 |                       |          |                  |               |                     |        |                        | same as 652-        | same as 652-      |                      |              |  |                       |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                  |          |                              | Affected Structure |    | Movable structures |    | Affected Fence |                 | Affected Improvements |          |                  | Trees |                     |        | Assets to be relocated | Affected Households |                  |                              |              |  |                       |
|-----|--------|------------|------------------|---------------|----------------------------------|----------|------------------------------|--------------------|----|--------------------|----|----------------|-----------------|-----------------------|----------|------------------|-------|---------------------|--------|------------------------|---------------------|------------------|------------------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                     | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material | Area, m2, lm, no | Type  | Subtype             | No/M 2 |                        | No of AHs           | No of AH members | Vulnerability Status         | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
|     |        |            |                  |               | owner                            |          |                              |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        | 1 ID                | 1 ID             |                              |              |  |                       |
| 655 |        | Odzun      | 06-112-1143-0002 | Community     | Directly held by the community   | 39.6     | Road                         |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |
| 656 |        | Odzun      | 06-112-0439-0085 | Community     | Directly held by the community   | 18.5     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |
| 657 | 657    | Odzun      | 06-112-0439-0051 | RA            | Non registered user              | 4205     | Orchard                      |                    |    |                    |    |                |                 |                       |          |                  | Fruit | Fruit-bearing       | 34     |                        | 1                   | 1                | Woman and Elderly headed AHH | Severely AHH |  |                       |
|     |        |            |                  |               |                                  |          |                              |                    |    |                    |    |                |                 |                       |          |                  | Fruit | Not-yet-productiv e | 2      |                        |                     |                  |                              |              |  |                       |
|     | 657-1  |            |                  |               |                                  |          |                              |                    |    | Metal construction | 15 |                |                 | Water pipe d=110mm    | metal    | 9                |       |                     |        |                        | 1                   | 1                |                              |              |  |                       |
| 658 |        | Odzun      | 06-112-1148-0002 | Community     | Directly held by the community   | 49       | Road                         |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |
| 659 |        | Odzun      | 06-112-0601-0005 | Community     | Directly held by the community   | 646      | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |
| 660 |        | Odzun      | 06-112-0602-0017 | Community     | Directly held by the community   | 90       | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |
| 661 | 661    | Odzun      | 06-112-0602-0015 | Private       | Not identified/n o sign of usage | 257.4    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     | 1                | 1                            |              |  |                       |
| 662 |        | Odzun      | 06-112-1152-0002 | Community     | Directly held by the community   | 67.7     | Road                         |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |
| 663 | 663    | Odzun      | 06-112-0603-0002 | Private       | Not identified/n o sign of usage | 420.5    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     | 1                | 1                            |              |  |                       |
| 664 | 664    | Odzun      | 06-112-0603-0003 | Private       | Not identified/n o sign of usage | 199.4    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     | 1                | 1                            |              |  |                       |
| 665 |        | Odzun      | 06-112-0603-0005 | Community     | Directly held by the community   | 307.9    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |
| 666 |        | Odzun      | 06-112-1154-0002 | Community     | Directly held by the community   | 55.1     | Road                         |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |
| 667 |        | Odzun      | 06-112-0461-0079 | Community     | Directly held by the community   | 38.6     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |
| 668 |        | Odzun      | 06-112-0461-0074 | Community     | Directly held by the community   | 3.5      | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |
| 669 |        | Odzun      | 06-112-0461-0073 | Community     | Directly held by the community   | 33.5     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |
| 670 |        | Odzun      | 06-112-0461-0072 | Community     | Directly held by the community   | 20.3     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |                     |        |                        |                     |                  |                              |              |  |                       |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure |    | Movable structures |    | Affected Fence |                 | Affected Improvements |          |                  | Trees |         |        | Assets to be relocated | Affected Households |                   |                      |              |  |                       |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|--------------------|----|--------------------|----|----------------|-----------------|-----------------------|----------|------------------|-------|---------|--------|------------------------|---------------------|-------------------|----------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material | Area, m2, lm, no | Type  | Subtype | No/M 2 |                        | No of AHHs          | No of AHH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 671 |        | Odzun      | 06-112-0461-0068 | Community     | Directly held by the community | 112.1    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 672 |        | Odzun      | 06-112-0461-0067 | Community     | Directly held by the community | 116.8    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 673 |        | Odzun      | 06-112-0461-0061 | Community     | Directly held by the community | 3.2      | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 674 |        | Odzun      | 06-112-0461-0060 | Community     | Directly held by the community | 4        | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 675 |        | Odzun      | 06-112-0461-0055 | Community     | Directly held by the community | 2.9      | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 676 |        | Odzun      | 06-112-0461-0054 | Community     | Directly held by the community | 2.4      | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 677 |        | Odzun      | 06-112-0461-0039 | Community     | Directly held by the community | 181.3    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 678 |        | Odzun      | 06-112-0461-0038 | Community     | Directly held by the community | 44.3     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 679 |        | Odzun      | 06-112-0461-0037 | Community     | Directly held by the community | 118.5    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 680 |        | Odzun      | 06-112-0461-0036 | Community     | Directly held by the community | 29       | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 681 |        | Odzun      | 06-112-0461-0035 | Community     | Directly held by the community | 14.1     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 682 |        | Odzun      | 06-112-0461-0031 | Community     | Directly held by the community | 76.5     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 683 |        | Odzun      | 06-112-0461-0030 | Community     | Directly held by the community | 105.2    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 684 |        | Odzun      | 06-112-0461-0029 | Community     | Directly held by the community | 10.3     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 685 |        | Odzun      | 06-112-0461-0027 | Community     | Directly held by the community | 1.6      | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 686 |        | Odzun      | 06-112-0461-0026 | Community     | Directly held by the community | 11.7     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 687 |        | Odzun      | 06-112-0461-0024 | Community     | Directly held by the community | 19.9     | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 688 |        | Odzun      | 06-112-0461-0023 | Community     | Directly held by the community | 5.8      | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |
| 690 |        | Odzun      | 06-112-0461-0019 | Community     | Directly held by the community | 144.1    | Other land                   |                    |    |                    |    |                |                 |                       |          |                  |       |         |        |                        |                     |                   |                      |              |  |                       |



| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure |    | Movable structures |    | Affected Fence |                 | Affected Improvements |          |                    | Trees     |                              |        | Assets to be relocated | Affected Households |                  |                      |              |  |                       |  |  |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|--------------------|----|--------------------|----|----------------|-----------------|-----------------------|----------|--------------------|-----------|------------------------------|--------|------------------------|---------------------|------------------|----------------------|--------------|--|-----------------------|--|--|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material | Area, m2, lm, no   | Type      | Subtype                      | No/M 2 |                        | No of AHS           | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |  |  |
| 691 |        | Odzun      | 06-112-0461-0017 | RA            | -                              | 397.8    | Other land                   |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 692 |        | Odzun      | 06-112-0461-0016 | Community     | Directly held by the community | 57       | Other land                   |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 693 |        | Odzun      | 06-112-0461-0014 | Community     | Directly held by the community | 299.8    | Other land                   |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 694 |        | Odzun      | 06-112-0461-0012 | Community     | Directly held by the community | 42.2     | Other land                   |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 695 |        | Odzun      | 06-112-0461-0011 | Community     | Directly held by the community | 35.4     | Other land                   |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 696 |        | Odzun      | 06-112-0461-0010 | Community     | Directly held by the community | 2        | Other land                   |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 698 |        | Odzun      | 06-112-0461-0008 | Community     | Directly held by the community | 128.6    | Other land                   |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 699 | 699    | Odzun      | 06-112-0461-0006 | Community     | Non registered user            | 106.6    | Other land                   |                    |    |                    |    | Stone          | 36.8            | Platform              | concrete | 28                 |           |                              |        |                        | 1                   | 2                |                      |              |  |                       |  |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       | Gate     | metal, in-situ r/c | 1         |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |          |                    | Fencing   | wire mesh                    | 16     |                        |                     |                  |                      |              |  |                       |  |  |
| 700 | 700    | Odzun      | 06-112-0461-0005 | Community     | Non registered user            | 100.5    | Residential                  |                    |    |                    |    | Stone          | 75              | Area                  | concrete | 60                 | Fruit     | Fruit-bearing                | 6      |                        | same as 699 ID      | same as 699 ID   |                      | Severely AHH |  |                       |  |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |          |                    | Kerbstone | basalt                       | 20     | Fruit                  | Not-yet-productive  | 3                |                      |              |  |                       |  |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |          |                    | Railing   | basalt                       | 13.2   | Décor                  | Medium              | 17               |                      |              |  |                       |  |  |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |          |                    | Fence     | metal, asbestos slate, stone | 20.3   | Crop                   | -                   | 2                |                      |              |  |                       |  |  |
| 701 |        | Odzun      | 06-112-0461-0002 | Community     | Directly held by the community | 432      | Other land                   |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 702 |        | Odzun      | 06-112-0461-0001 | RA            | -                              | 114.6    | Other land                   |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 703 | 703    | Odzun      | 06-112-1232-0001 | RA            | Non registered user            | 45365.2  | Other land                   |                    |    |                    |    |                |                 | Stairs                | concrete | 2                  |           |                              |        |                        | 1                   | 1                |                      |              |  |                       |  |  |
| 704 |        | Odzun      | 06-112-1141-0002 | Community     | Directly held by the community | 22       | Road                         |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 705 |        | Odzun      | 06-112-1139-0002 | Community     | Directly held by the community | 55.7     | Road                         |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 706 |        | Shnogh     | 06-088-0836-0001 | Community     | Directly held by the community | 762.6    | Other land                   |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 707 |        | Shnogh     | 06-088-0919-0001 | RA            | -                              | 2779     | Transport                    |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |
| 708 |        | Shnogh     | 06-088-0333-0001 | Community     | Directly held by the community | 555.6    | Other land                   |                    |    |                    |    |                |                 |                       |          |                    |           |                              |        |                        |                     |                  |                      |              |  |                       |  |  |

| ID  | AHH ID | Communit<br>y | Lot-Code         | Affected Land    |                                |          |                                       | Affected Structure |      | Movable<br>structures |      | Affected Fence |                    | Affected Improvements |             |                        | Trees |                        |           | Assets<br>to be<br>relocated | Affected Households |                             |                         |                 |   |                          |
|-----|--------|---------------|------------------|------------------|--------------------------------|----------|---------------------------------------|--------------------|------|-----------------------|------|----------------|--------------------|-----------------------|-------------|------------------------|-------|------------------------|-----------|------------------------------|---------------------|-----------------------------|-------------------------|-----------------|---|--------------------------|
|     |        |               |                  | Type of<br>owner | Usage<br>Status                | Area, M2 | Type of<br>Land by<br>actual<br>usage | Name               | m2   | Name                  | m2   | Material       | Affected<br>l.m/m2 | Name                  | Material    | Area,<br>m2,<br>lm, no | Type  | Subtype                | No/M<br>2 |                              | No of<br>AHHs       | No of<br>AHH<br>membe<br>rs | Vulnerability<br>Status | Severely<br>AHH | Non land<br>improvement<br>used by<br>illegal users<br>on private<br>land plots | Residential<br>Relocatee |
| 709 |        | Shnogh        | 06-088-0272-0082 | Community        | Directly held by the community | 410      | Other land                            |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 710 | 710    | Shnogh        | 06-088-0061-0029 | Community        | Non registered user            | 709.4    | Other land                            |                    |      | Metal house           | 42.5 |                |                    |                       |             |                        |       |                        |           |                              | 1                   | 1                           |                         |                 |   |                          |
| 711 |        | Shnogh        | 06-088-0917-0001 | Community        | Directly held by the community | 23       | Road                                  |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 712 |        | Shnogh        | 06-088-0060-0001 | Community        | Directly held by the community | 5.8      | Other land                            |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 713 | 713    | Shnogh        | 06-088-0064-0001 | Private          | Directly held by the owner     | 115.6    | Commer<br>cial                        |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              | 1                   | 1                           |                         |                 |   |                          |
| 714 |        | Shnogh        | 06-088-1007-0001 | RA               | -                              | 138.9    | River                                 |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 715 |        | Shnogh        | 06-088-0268-0005 | Community        | Directly held by the community | 1893     | Other land                            |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 716 |        | Shnogh        | 06-088-0268-0023 | Community        | Directly held by the community | 729.3    | Other land                            |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 717 | 717    | Shnogh        | 06-088-0268-0008 | Community        | Non registered user            | 23.3     | Other land                            | Unused structure   | 12.8 |                       |      |                |                    |                       |             |                        |       |                        |           |                              | 1                   | 2                           |                         |                 |   |                          |
|     |        |               |                  |                  |                                |          |                                       | Shed               | 3.6  |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 718 | 718    | Shnogh        | 06-088-0268-0027 | Community        | Non registered user            | 55.3     | Other land                            |                    |      | Metal house           | 42.5 |                |                    |                       |             |                        |       |                        |           |                              | 1                   | 5                           |                         |                 |   |                          |
| 720 |        | Shnogh        | 06-088-0268-0030 | Community        | Directly held by the community | 442.9    | Other land                            |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 721 |        | Shnogh        | 06-088-0268-0002 | Community        | Directly held by the community | 84.6     | Other land                            |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 722 |        | Shnogh        | 06-088-0915-0001 | RA               | -                              | 34621    | Transport                             |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 723 |        | Shnogh        | 06-088-0058-0006 | Community        | Directly held by the community | 3761.1   | Other land                            |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 724 | 724    | Shnogh        | 06-088-0058-0003 | Private          | Directly held by the owner     | 62.8     | Commer<br>cial                        |                    |      |                       |      |                |                    | Base                  | In-situ r/c | 3                      |       |                        |           |                              | 1                   | 4                           |                         |                 |   |                          |
| 725 | 725    | Shnogh        | 06-088-0058-0002 | Private          | Directly held by the owner     | 118.7    | Orchard                               |                    |      |                       |      |                |                    | Fencing               | metal       | 10                     | Fruit | Fruit-bearing          | 1         |                              | 1                   | 5                           |                         |                 |   |                          |
|     |        |               |                  |                  |                                |          |                                       |                    |      |                       |      |                |                    |                       |             |                        | Décor | Medium                 | 2         |                              |                     |                             |                         |                 |   |                          |
| 726 |        | Shnogh        | 06-088-1217-0001 | Community        | Directly held by the community | 81.9     | Road                                  |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 727 |        | Shnogh        | 06-088-0213-0001 | Community        | Directly held by the community | 522.8    | Pasture                               |                    |      |                       |      |                |                    |                       |             |                        |       |                        |           |                              |                     |                             |                         |                 |   |                          |
| 728 | 728-1  | Shnogh        | 06-088-0837-0001 | Community        | Non registered user            | 5369.5   | Other land                            | Lodge              | 12   |                       |      |                |                    | Fencing               | wire mesh   | 25.6                   | Fruit | Fruit-bearing          | 13        | Assets to be relocated       | 1                   | 3                           | Severely AHH            |                 |   |                          |
|     |        |               |                  |                  |                                |          |                                       |                    |      |                       |      |                |                    | Door                  | wood        | 1                      | Fruit | Not-yet-productiv<br>e | 1         |                              |                     |                             |                         |                 |   |                          |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure |    | Movable structures |    | Affected Fence |                   | Affected Improvements |           |                  | Trees              |                    |        | Assets to be relocated | Affected Households |                  |                      |              |  |                       |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|--------------------|----|--------------------|----|----------------|-------------------|-----------------------|-----------|------------------|--------------------|--------------------|--------|------------------------|---------------------|------------------|----------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2 | Material       | Affected l.m/m2   | Name                  | Material  | Area, m2, lm, no | Type               | Subtype            | No/M 2 |                        | No of AHs           | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
|     | 728-2  |            |                  |               |                                |          |                              |                    |    |                    |    |                |                   | Fencing               | wire mesh | 23.5             |                    |                    |        | Assets to be relocated | 1                   | 4                |                      |              |  |                       |
| 729 |        | Shnogh     | 06-088-0832-0001 | Community     | Directly held by the community | 28.1     | Other land                   |                    |    |                    |    |                |                   |                       |           |                  |                    |                    |        |                        |                     |                  |                      |              |  |                       |
| 730 |        | Shnogh     | 06-088-0817-0001 | Community     | Directly held by the community | 2472.6   | Other land                   |                    |    |                    |    |                |                   |                       |           |                  |                    |                    |        |                        |                     |                  |                      |              |  |                       |
| 731 |        | Shnogh     | 06-088-0214-0005 | Community     | Directly held by the community | 201.4    | Other land                   |                    |    |                    |    |                |                   |                       |           |                  |                    |                    |        |                        |                     |                  |                      |              |  |                       |
| 732 |        | Shnogh     | 06-088-0215-0029 | Community     | Directly held by the community | 494.9    | Other land                   |                    |    |                    |    |                |                   |                       |           |                  |                    |                    |        |                        |                     |                  |                      |              |  |                       |
| 733 | 733-1  | Shnogh     | 06-088-0215-0001 | Community     | Non registered user            | 56.1     | Other land                   |                    |    |                    |    | Stone          | 6                 | Fencing               | wire mesh | 125              | Fruit              | Fruit-bearing      | 12     |                        | 1                   | 5                |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                | Door              | wood                  | 1         | Fruit            | Not-yet-productive | 3                  |        |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                | Water pipe d=50mm | metal                 | 20        |                  |                    |                    |        |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                   |                       |           |                  |                    |                    |        |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                   |                       |           |                  |                    |                    |        |                        |                     |                  |                      |              |  |                       |
|     | 733-2  |            |                  |               |                                |          |                              |                    |    |                    |    | Stone          | 80                |                       |           |                  |                    |                    |        | 1                      | 4                   |                  |                      |              |  |                       |
| 734 | 734    | Shnogh     | 06-088-0215-0002 | Private       | Directly held by the owner     | 99       | Orchard                      |                    |    |                    |    |                |                   | Fencing               | wire mesh | 62               | Fruit              | Fruit-bearing      | 34     |                        | 1                   | 3                |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                | Door              | metal                 | 1         | Fruit            | Not-yet-productive | 4                  |        |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                | Water pipe d=50mm | metal                 | 60        |                  |                    |                    |        |                        |                     |                  |                      |              |  |                       |
| 735 |        | Shnogh     | 06-088-0816-0001 | Community     | Directly held by the community | 314.9    | Other land                   |                    |    |                    |    |                |                   |                       |           |                  |                    |                    |        |                        |                     |                  |                      |              |  |                       |
| 736 |        | Shnogh     | 06-088-0216-0012 | Community     | Directly held by the community | 689      | Other land                   |                    |    |                    |    |                |                   |                       |           |                  |                    |                    |        |                        |                     |                  |                      |              |  |                       |
| 737 | 737    | Shnogh     | 06-088-0216-0001 | Private       | Directly held by the owner     | 116.8    | Orchard                      |                    |    |                    |    | Stone          | 3                 | Water pipe d=1000mm   | metal     | 2.5              |                    |                    |        |                        | 1                   | 2                |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                   |                       |           |                  |                    |                    |        |                        | 1                   | 5                |                      |              |  |                       |
| 738 | 738    | Shnogh     | 06-088-0216-0002 | Community     | Non registered user            | 257.4    | Arable                       |                    |    |                    |    | Stone          | 3                 | Water pipe d=1000mm   | metal     | 2.5              | Fruit              | Fruit-bearing      | 1071   |                        | same as 737-1 ID    | same as 737-1 ID |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                   |                       |           |                  | Fruit              | Not-yet-productive | 11     |                        |                     |                  |                      |              |  |                       |

| ID  | AHH ID | Communit y | Lot-Code         | Affected Land |                                |          |                              | Affected Structure |    | Movable structures |    | Affected Fence |                 | Affected Improvements |           |                  | Trees |                    |        | Assets to be relocated | Affected Households |                  |                      |              |  |                       |
|-----|--------|------------|------------------|---------------|--------------------------------|----------|------------------------------|--------------------|----|--------------------|----|----------------|-----------------|-----------------------|-----------|------------------|-------|--------------------|--------|------------------------|---------------------|------------------|----------------------|--------------|--|-----------------------|
|     |        |            |                  | Type of owner | Usage Status                   | Area, M2 | Type of Land by actual usage | Name               | m2 | Name               | m2 | Material       | Affected l.m/m2 | Name                  | Material  | Area, m2, lm, no | Type  | Subtype            | No/M 2 |                        | No of AHs           | No of AH members | Vulnerability Status | Severely AHH | Non land improvement used by illegal users on private land plots | Residential Relocatee |
| 739 | 739    | Shnogh     | 06-088-0216-0003 | Private       | Directly held by the owner     | 150.2    | Orchard                      |                    |    |                    |    |                |                 |                       |           |                  |       |                    |        |                        | 1                   | 1                |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 | Fencing               | wire mesh | 70               | Fruit | Fruit-bearing      | 12     |                        |                     |                  |                      |              |  |                       |
|     | 739-1  |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |           |                  |       |                    |        |                        | 1                   | 2                | Elderly headed AHH   |              | Non land improvement AHH   |                       |
| 740 | 740    | Shnogh     | 06-088-0216-0004 | Community     | Non registered user            | 489.3    | Arable                       |                    |    |                    |    | Stone          | 210             | Fencing               | wire mesh | 200              | Fruit | Fruit-bearing      | 390    |                        | 1                   | 6                |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 | Door                  | metal     | 1                |       |                    |        |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 | Water pipe d=50mm     | metal     | 20               |       |                    |        |                        |                     |                  |                      |              |  |                       |
| 741 | 741    | Shnogh     | 06-088-0216-0005 | Community     | Non registered user            | 327.5    | Arable                       |                    |    |                    |    |                |                 | Fencing               | wire mesh | 130              | Fruit | Fruit-bearing      | 56     |                        | 1                   | 3                |                      | Severely AHH |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 | Door                  | wood      | 1                | Fruit | Not-yet-productive | 8      |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 | Water pipe d=50mm     | metal     | 20               | Fruit | Seedling           | 10     |                        |                     |                  |                      |              |  |                       |
| 742 |        | Shnogh     | 06-088-0216-0006 | Community     | Directly held by the community | 153.5    | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |                    |        |                        |                     |                  |                      |              |  |                       |
| 743 |        | Shnogh     | 06-088-0216-0007 | Community     | Directly held by the community | 1276.3   | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |                    |        |                        |                     |                  |                      |              |  |                       |
| 744 | 744    | Shnogh     | 06-088-0216-0008 | Private       | Directly held by the owner     | 216.6    | Orchard                      |                    |    |                    |    | Stone          | 90              | Fencing               | wire mesh | 55               | Fruit | Fruit-bearing      | 1118   |                        | 1                   | 6                |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 | Door                  | metal     | 1                | Fruit | Not-yet-productive | 2      |                        |                     |                  |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |           |                  | Crop  | -                  | 85     |                        |                     |                  |                      |              |  |                       |
|     | 744-1  |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |           |                  |       |                    |        |                        | 1                   | 7                |                      |              |  |                       |
|     | 744-2  |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |           |                  |       |                    |        |                        | 1                   | 1                |                      |              |  |                       |
| 745 | 745    | Shnogh     | 06-088-0216-0009 | Community     | Non registered user            | 983.5    | Pasture                      |                    |    |                    |    | Stone          | 43              |                       |           |                  | Fruit | Fruit-bearing      | 14     |                        | 1                   | 4                |                      |              |  |                       |
|     |        |            |                  |               |                                |          |                              |                    |    |                    |    |                |                 |                       |           |                  | Wood  | Medium             | 1      |                        |                     |                  |                      |              |  |                       |
| 746 | 746    | Shnogh     | 06-088-0216-0010 | Private       | Directly held by the owner     | 49.8     | Orchard                      |                    |    |                    |    | Stone          | 32              |                       |           |                  | Fruit | Fruit-bearing      | 8      |                        | 1                   | 3                |                      |              |  |                       |
| 747 |        | Shnogh     | 06-088-0216-0013 | Community     | Directly held by the community | 566.9    | Grass                        |                    |    |                    |    |                |                 |                       |           |                  |       |                    |        |                        |                     |                  |                      |              |  |                       |
| 748 |        | Shnogh     | 06-088-0215-0028 | Community     | Directly held by the community | 263.4    | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |                    |        |                        |                     |                  |                      |              |  |                       |
| 749 |        | Shnogh     | 06-088-0215-0030 | Community     | Directly held by the community | 1702.9   | Other land                   |                    |    |                    |    |                |                 |                       |           |                  |       |                    |        |                        |                     |                  |                      |              |  |                       |
| 750 |        | Shnogh     | 06-088-0838-0001 | Community     | Directly held by the community | 30.4     | Road                         |                    |    |                    |    |                |                 |                       |           |                  |       |                    |        |                        |                     |                  |                      |              |  |                       |

| ID  | AHH ID | Communit<br>y | Lot-Code         | Affected Land    |                                 |          |                                       | Affected Structure |    | Movable<br>structures |    | Affected Fence |                    | Affected Improvements |          |                        | Trees |         |           | Assets<br>to be<br>relocated | Affected Households |                            |                         |                 |   |                          |
|-----|--------|---------------|------------------|------------------|---------------------------------|----------|---------------------------------------|--------------------|----|-----------------------|----|----------------|--------------------|-----------------------|----------|------------------------|-------|---------|-----------|------------------------------|---------------------|----------------------------|-------------------------|-----------------|---|--------------------------|
|     |        |               |                  | Type of<br>owner | Usage<br>Status                 | Area, M2 | Type of<br>Land by<br>actual<br>usage | Name               | m2 | Name                  | m2 | Material       | Affected<br>l.m/m2 | Name                  | Material | Area,<br>m2,<br>lm, no | Type  | Subtype | No/M<br>2 |                              | No of<br>AHs        | No of<br>AH<br>membe<br>rs | Vulnerability<br>Status | Severely<br>AHH | Non land<br>improvement<br>used by<br>illegal users<br>on private<br>land plots | Residential<br>Relocatee |
| 751 |        | Shnogh        | 06-088-0267-0012 | Community        | Directly held by the community  | 700      | Other land                            |                    |    |                       |    |                |                    |                       |          |                        |       |         |           |                              |                     |                            |                         |                 |   |                          |
| 752 |        | Shnogh        | 06-088-0267-0008 | Community        | Directly held by the community  | 846.2    | Other land                            |                    |    |                       |    |                |                    |                       |          |                        |       |         |           |                              |                     |                            |                         |                 |   |                          |
| 753 |        | Shnogh        | 06-088-0267-0013 | Community        | Directly held by the community  | 79.2     | Other land                            |                    |    |                       |    |                |                    |                       |          |                        |       |         |           |                              |                     |                            |                         |                 |   |                          |
| 762 | 762    | Tumanya<br>n  | 06-004-0048-0004 | Private          | Not identified/no sign of usage | 717.7    | Orchard                               |                    |    |                       |    |                |                    |                       |          |                        |       |         |           |                              | 1                   | 1                          |                         |                 |   |                          |

## **APPENDIX 2. Methodology for Detailed Measurement Survey, Census, SES and Valuation**

## **1. CENSUS AND SOCIO-ECONOMIC SURVEY**

### **1.1 Census**

The aim of the census is to provide a detailed description of affected households in terms of gender, age, ethnicity, education, marital and employment status. A summary list of interviewed APs, APs that are out during census and APs who refuse to be interviewed has been prepared. The list of vulnerable households have been identified based on the census data. The list of all APs with personal information (passport, social card, registered address and etc.) was prepared and verified by the database of ministry of labor and social affairs (MLSA) for identification of the poor household registered in the evaluation system of vulnerability of families (ESVF). The list of poor households identified by the result of SES will be compared with the list of poor AHs included in ESVF provided by the MLSA of RA. In case if according to the SES data, the AH corresponds to the criterias of poor household<sup>29</sup> and not registered in the ESVF, the list of such AHs will be submitted to MLSA for the assessment and further registration of valid AHs in ESVF.

At least two call backs in case the AP is away during the household visit have been conducted or the spouse or an adult member of the household will be interviewed to obtain information on the affected household.

Taking into account the lack of data with the state cadaster, the consultations have been conducted with the local authorities (affected communities), as well as with focal points to identify the APs, as well as the “snowstorm method” has been used to identify the APs (the protocols of such consultations is attached in Appendix 12).

### **1.2 Socio-Economic Survey (SES)**

The SES aims to describe AH's:

- (i) socio-economic state
- (ii) incomes and expenditures, use of agricultural lands segregated by legal status of land (private, rented and illegally used lands)
- (iii) gender participation and access to social services and infrastructures,

The list of affected assets according to cadastral lot-codes, address of assets, names of owners, tenants, illegal users, contact details and types of losses will be made. This task will be done in close cooperation with local authorities. In case of affected legal entities (i.e. Joint Stock Company, Limited Liability Company, partnerships, cooperatives, etc.), the basic information on the operations, membership and structure of the legal entity will be obtained.

AHs will be oriented about the project and copies of the information leaflet have been distributed to improve awareness on the AP entitlements and the project. APs questions and feedback have been recorded and information on the contact person in case of complaints or questions was provided.

The SES has been implemented through the application of quantitative methodologies in order to develop a comprehensive picture with 100% of the available AHs.

### **Quantitative Survey Methodology**

Representatives of owners, leaseholders, unauthorized users, permanently affected businesses as well as employees were covered by the survey. The SES questionnaire was completed with the most informed member of the family. The interview was conducted with AHs that have relevant loss according to the following 4 questionnaires:

- (i) AH questionnaire: for affected lands, owners of buildings and other assets, leaseholders and users
- (ii) AH questionnaire: for AHs that lost a job at the affected businesses
- (iii) AH questionnaire: for respondents, who lost affected business

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<sup>29</sup> If the average income per each household members is low from the declared minimal salary of RA.

All questionnaires were verified during the next day after returning from the field. Identified inconsistencies have been checked through a phone call with the respondent. Only questionnaires that underwent a logical verification were entered.

Data entry was conducted in Excel. Each deviation that occurred during the data cleaning process was corrected according to the information specified in the questionnaire. Entered data was analyzed in Excel and output tables have been prepared according to pre-defined formats used for the implementation ready LARP.

The format of questionnaires of census and SES provided by TPIO were used with minor edits were needed.

## **2. DETAILED MEASUREMENT SURVEY (DMS)**

The DMS procedure has included the following steps which allowed to ensure the accurateness of the output data:

1. Superimpose of the road design on the cadastral map in order to identify affected assets' cadastral codes and make a list of affected assets
2. Conduction of actual measurement of actually affected assets, including registered and illegally used properties.
3. Analyze by comparing the information provided by cadaster, actual measurement data and ownership certificate. The identified issues and discrepancies were with suggested solutions are summarized in the relevant chapter of the LARP, as well as in Appendix 8.

If the obtained measurements correspond to the parameters (accounting for the permissible deviation range, defined by the RA State Committee of Real Estate Cadaster (SCREC)) detailed in the property certificate issued by the SCREC, the property layout/map will be prepared for submission to the SCREC.

If the obtained measurement does not correspond to the parameters (taking into account the permissible deviation range) stated in the property certificate issued by the SCREC, the Client, Stakeholders and APs will be provided consultation on initiation and implementation of cadastral correction procedure. If the owner wished a new layout will be prepared for submission to the SCREC. After the corresponding correction in the ownership certificate is made, a final layout will be prepared for submission to the SCREC in order to re-register the real estate prior to the signing of an asset acquisition contract. In case, if the cadastral corrections couldn't be made during the LARP preparation stage, then, based on DMS results, these cases have been included in the cadastral correction plan prepared and included in final LARP subject to further implementation.

In case, if during the preparation and implementation of LARP the decision will be made to acquire the whole property instead of the affected part, the relevant layout/map will be prepared for the whole property, if needed.

### **Measurement Procedure**

Measurements has been carried out in the presence of APs. The APs have been informed of the measurement date and time by phone, a day prior to the field visit. If it was impossible to ensure their presence, then the works have been implemented with participation of the local self-governing body's (LSGB) representative. This procedure ensured the measurement process was monitored by the APs or LSGB.

### **Measurement of land plots**

The following steps were used to measure land plots:

- (i) The land plot's borders were outlined.
- (ii) All segments of the plot including turning points, plot coordinates and border line break points were marked, numbered and recorded.
- (iii) Names, surnames and (titles, if known) of the property owners were recorded.

If the area was fenced, the fence-line was taken as the reference for measurement. If there was no fence, the plot borders were established by the APs/LSGB using the land plot.

### **Measurement of structures**

Structures were measured in the following steps:



- (i) The structures were measured both externally (from outside the structure) and internally (from inside the structure). An outline of the externally measured structure was drawn according to its position on the plot. Areas located within the structures were then measured. Internal measurements were taken from the floor of the structure at a height of 1,20-1,30 meters.
- (ii) The length, width and internal height of each area were measured as well as the thickness of the bearing walls and partitions. The location of doors and windows were marked. Apartments and non-residential areas located in multi-unit residential buildings as well as public and industrial facilities were measured only internally. Enclosures and improvements on the plot were also measured.

### **Quantitative and qualitative registration of property**

The plots of land and structures built on them will be described qualitatively and quantitatively:

- (i) The quantitative data includes length, width, height, surface area and volumes.
- (ii) The qualitative data includes the operational purpose (land categories) of the plot and the actual usage of the plot. The actual use of structures, date of construction, exterior design, degree of completion, construction material types (walls, floor slab, roof), etc will be recorded.

### **Measurement Results**

Layouts/maps for each affected asset will be prepared based on the requirements of Appendix 1 of Order No 283 (order on the measurement (registration) of the real estate, hereinafter Order) as of October 20, 2011 issued by the Chairman of the SCREC. The maps will be provided to the Client in digital PDF and AutoCAD DWG formats in CD and 2 hard copies. In case of leased lands, a separate schema/map will be provided/attached showing the correlation of the leased/used part to be acquired as well as the schema/map for each part of the property split as for the total leased and affected parts.

## **3. INVENTORY OF LOSSES**

### **Real Estate Survey**

Survey forms reflecting the main characteristics of the plots and structures have been filled in on the basis of a simple visual examination by the evaluator and a completed survey among the APs.

The following descriptions are included:

#### **(i) General description of the property**

- Existence of infrastructures, including access to potable water, electricity, sewage, telephone lines, natural gas, etc.
- Access to basic services, including distance from the subway, healthcare institutions and trade halls,
- The existence of a road, as well as an assessment of the environment,
- The legal status of affected land and assets, and duration of tenure and ownership,
- Whether the affected asset is primary source of income.

#### **(ii) Description of the plot**

- targeted, operational and actual purpose
- type of entitlement such as owned, rented or illegally used
- width, length and geometric structure
- transport availability and railway access
- location, position, stone content etc
- existence of improvements and a description of the improvement

#### **(iii) Description of structures and improvements**

- name, targeted, operational and actual purpose of the structure
- availability of infrastructure
- materials used for the foundation, floor slabs, external walls
- existence of doors and windows
- presence of furniture and household goods to be transported etc.

In case there are utilities (water, gas, sewerage, electricity, etc.) among the recorded improvements, first their ownership was checked, and then it was checked whether they are already included in the utilities relocation design to avoid from double payment.

The movable or immovable status of the property was determined. Properties that are impossible to separate from the land without damaging the property or the plot were qualified as immovable. The rest of the properties were considered moveable.

Photographs of plots (if necessary video was recorded) as well as external and internal structures were taken. All topography forms have been completed and signed by the APs (or legally authorized representatives) and the evaluator.

Quantity and type of other losses were determined, e.g., business or other income, jobs or other productive assets; estimated monthly net income from the business based on official tax reports, etc.

APs have been identified by category of losses (lands, structures, crops, trees, businesses etc.), including those losing 10% or more of their income producing assets, or to be physically relocated; The inventory was done both for the affected part and whole property (where possible).

### **Crops and Trees**

A qualified and experienced agronomist registered the existing trees and crops on the affected parts of the land (according to criteria (e.g. according to type, age, thickness of trunks etc.)). All crops, shrubs, fruit bearing trees, decorative trees and trees used for timber will be registered.

### **Fruit Trees and Shrub Types**

The planting age of fruit trees were determined by an experienced agronomist based on his expert opinion.

### **Decorative Trees, Timber Trees and Shrubs**

The agronomist measured the thickness of timber tree trunks and the height of decorative trees, ornate shrubs and trees and fruit bushes.

Taking into account the lack of data with the state cadaster, the consultations have been conducted with the local authorities (affected communities), as well as with focal points to identify the illegal users of affected land plots to be able to carry out the inventory in their presence, as well as the “snowball method” has been used to identify the APs (the protocols of such consultations is attached in Appendix 12).

## **4. PREPARATION AND SIGNING OF DESCRIPTION PROTOCOLS**

The description protocols of affected properties (land plots) are being prepared based on results of DMS, inventory and census in a format approved by Government Decision N 1275-N dated September 16, 2010. Protocols are being prepared for both legitimate and illegitimate assets.

The signing of description protocols with all APs will be organized, including the owners, leaseholders and unregistered tenants and etc. In case of any discrepancies the updated description protocols will be presented to APs for re-signing.

Description protocols is being filled in automatically through the specific program developed for the Project. This approach ensures that the information available in the protocols/ descriptions is identical with the information presented in the LARP and the database to be used during the LARP implementation monitoring is identical to the information of the protocol/description to be sent to the AP. In cases when it is not possible to meet the owner/user/, leaseholder, an act will be prepared on failure to sign the protocol/description, where the reason for the failure to sign is pointed out.

The signing of description protocols will start after the GoA decree on Eminent Domain comes into force and relevant notification is sent to APs.

## **5. DETERMINATION OF SEVERE IMPACT<sup>30</sup>**

312. In the most of the cases only affected parts of the illegally used land plots could be surveyed due to impossibility to reach the whole land plot areas for actual measurement and inventory. The efforts

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30 This methodological approach has been discussed and agreed with ADB beforehand during the ADB's mission in the week of 14 November 2017.

made to survey the total land plots where it was a risk for full acquisition during the implementation, however, due to faced limitations, the following approach has been applied to calculate the severity of impact and identify the severely affected AHs under the Project losing more than 10% of their productive asset:

- Besides the affected land, the AHs have been identified who are holding other productive land (arable land, orchard, grass vineyard) both owned/rented or illegally used based on the analysis of SES survey;
- The portions of actual usage of totally held productive land was calculated (usage percentage) based on which the total area of used productive asset was determined;
- The affected areas of agricultural productive land plots were compared with the totally held and used productive lands plot areas, as a result of which the severity impact percentage was calculated;
- Based on the calculations carried out, the severely affected HHs were identified eligible for rehabilitation allowance due to severe impact under the Project (losing more than 10% of their agricultural productive land).

313. In case of AHs, who couldn't be surveyed by SES and no data is available on the totally held agricultural productive land plots, the following approach has been applied:

- For the cases (both owned/rented or illegally used), when the total area of affected land plot is available by topography or cadastral map (demarcated lands), the total area was taken as a basis and compared with the affected surface to identify the severely affected HHs,
- For the cases (both owned/rented or illegally used), when the total area of affected land plot is not available, all AHs losing productive asset, have been conditionally considered as severely affected. These cases are subject for verification during the LARP implementation with provision of relevant proper grounds.

## 6. VALUATION AND DETERMINATION OF THE LARP BUDGET

### Process Regulating Documents

The methodology for compensation calculations and unit price calculations was developed in accordance with the following documents:

- (i) Safeguard Policy Statement, Asian Development Bank, 2009 in line with entitlement matrix developed for the project and presented in the Draft LARP and the Land Acquisition and Resettlement Framework (LARF, **Appendix N 3 of the RA Government Decree N 1274-Ն dated 16.09.2010**)
- (ii) The «RA Law ՀՕ-189-N on Real Estate Assessment Activities» adopted on 04.10.2005
- (iii) The RA National Standard on Real Estate Assessment in the Republic of Armenia
- (iv) The RA Urban Development Minister's «Decree N 09-N (dated 14.01.2008) on Approving the Construction of Buildings, Structures in the RA Territory and the Collection of the Increased Indicators of the Construction Work Type Cost.»
- (v) References on prices mentioned in the construction contracts for the construction of similar type of buildings and structures in current market conditions.

### Assesment of land plots with cadastral discrepancies

In case of cadastral discrepancies between the ownership certificate and cadastral map (surface, target or actual purpose etc.), the assesment of land plots has been carried out by the following principle: In case of available ownership certificate, the assesment was done based on the certificate's data, otherwise the cadastral map data has been taken for assesment

### Scope of Evaluation

Within the Project the following was evaluated:

- Affected assets - lands, buildings, structures and improvements fixed on the alienated and total parts of the affected plot
- Trees, bushes, crops existing on the lands of affected assets on the alienated and total parts of the affected plot

The applied methodologies for asset valuation are given below.

## 6.1 LAND VALUATION METHODOLOGY

### General Approach

Based on LARF principles, land owners, leaseholders and land users subject to legalization will receive compensation for the affected land. A special compensation calculation approach was defined for each group. It is presented below in a generalized form:

**Table 2. Compensation for agricultural and non-agricultural land**

|                  |  |  |  |
|------------------|--|--|--|
| <b>Land Loss</b> | APs losing their owned property or a part of it regardless the impact severity | Owner  | Cash compensation at replacement cost, which is equivalent the assessed price of market value and cadastral rates (whichever is the highest) plus 15% or through an equivalent replacement land acceptable to the AP.  |
|                  |  | Legalisable AP's   | In cases defined by legislation, the AP's may acquire ownership rights or apply for the state registration of the possessed rights and to be compensated as owners.  |
|                  |  | Leaseholders (lease of community or state property)  | 1. In cases defined by legislation the leaseholders may acquire ownership right and to be compensated as the owner or he/she may be given an opportunity to hold a new lease in accordance with the agreement of the land owner (lessor).<br>2. In case it isn't possible, AP will receive compensation equal to "the market or cadastral cost of affected land (whichever the highest) +15% "in the following proportions according to the length of the lease: 1) < 1 year 5%, 2)<15 years 14% ; 3)<25 years 20%;4) >25 years 25%. |
|                  |  | The leaseholder (leasing of natural persons and legal entities' property)                                    | Cash compensation for already paid but unused lease.   |
|                  |  | Persons possessing other property rights (servitude, construction, loan, mortgage, use, except leaseholders) | Compensation is provided to persons possessing property rights (except leaseholders) from the compensation amount of the affected property in accordance to the RA legislation.  |
|                  |  | Non legalisable APs  | These APs will receive compensations only for the improvements made on the land according to the LARF.   |

#### Assessment of the Land Replacement Cost

Land valuation will be carried out at replacement cost based on market rates. Market rates will be assessed through the comparative method as defined by government regulations. Based on this method a plot value will be determined by taking into account the adjusted average sale price of at least three recently sold comparable plots with a similar location and use/features. If acceptable comparators in the same location of the valued plot are not available, one or more comparator plots will be drawn from a different location.

In order to reflect small differences between the characteristics/quality of the evaluated land and comparator lands, the average market sales of the comparator lands will be adjusted according to several comparison parameters and corresponding coefficients.

#### Assessment Procedure

The land assessment comparative method will be applied as follows:

- (i) similar real estate markets will be analyzed
- (ii) at least three comparison units will be defined
- (iii) necessary comparison elements will be distinguished
- (iv) the cost of comparison units will be adjusted according to comparison elements and several adjusted cost indicators averaged for the compared real estate
- (v) obtained market cost will be compared with the cadastral cost
- (vi) the plot price will be defined.

### **Step 1**

To analyze similar real estate markets and choose reliable information for the analysis, the Evaluator uses public sources (professional journals, websites, external advertisements), a personal database<sup>31</sup> and information obtained from the "Center of Information technologies" SNCO at the SCREC. Based on the obtained information, the Evaluator uses the most compatible/relevant information (by its comparison elements).

### **Step 2**

In principle, the source of comparator values are records of executed sales from the Centre for Information Technologies SNCO at the SCREC. If for a specific plot, records did not include usable comparators, then records from the Cadaster lists of market prices or land sale offers in the newspapers and websites are used to form comparators. Each valued plot is matched with at least (3) three comparator plots.

### **Step 3**

Once comparator plots are identified, several additional parameters for comparing the relative quality/features of valued plots and comparator plots are also considered. The parameters and the coefficients for price adjustments are listed below:

#### *Sales condition and market state*

These are the market price changes which occurred between the market sales of comparator lands and the evaluation period. The evaluator also considers whether the property was purchased through a mortgage. Since the review of market real estate sales is based on the most recent and adjusted information, if there is no instance of mortgage arrangements, a coefficient of 1,0 is applied.

#### *Targeted and operational purpose*

These elements describe the usage for which a given plot has been approved, i.e. for residential construction, public construction, agricultural purposes, etc. The evaluator doesn't make any corrections since, according to EIB's Statement on Social Standards & Principles and Guidance note on Involuntary Resettlement, the assessment is based on the actual usage of the plot.

#### *Actual usage*

This shows how the given plot is actually used, irrespective of its cadastral, targeted and operational purpose. In cases when the purpose of actual usage of the affected land plot differs from the purpose indicated in the ownership certificate (cadastral map), the evaluator considers the actual usage purpose of the land plot as a basis for assessment.

In the given case the actual usage purpose of the assessed and comparator properties was the same and the evaluator did not apply the adjustment coefficient.

#### *Location and position*

Assessed and comparator plots will be shown by districts. Their distance from a main road will also be shown. In this case, 20 % step decrease or increase coefficients will be applied.

#### *Access to transport*

This coefficient describes the distance of assessed and comparator plots from main transport junctions. Access to transport will be considered the same for assessed and comparator plots and no coefficient will be applied.

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<sup>31</sup> In his/her office, the Evaluator kept a database, where both the prices of the property subject to sale and the sales data (that became known to the Evaluator, as a result of implemented transactions with the Evaluator's participation) are entered.

#### *Total surface area*

In the situations when the size of the total surface area of the affected plots is significantly different from the comparable plots, the adjustment coefficient will be applied. In this particular case 1,05 magnifying coefficient will be applied.

#### *Availability of infrastructures*

Describes the distance from the assessed plot to main infrastructures (roads, irrigation pipeline, drinking water pipeline, electricity line, gas pipe, sewage). If the infrastructures are close to the plot or available on the plot, it will be noted that the infrastructures are available for the given plot or the plots are equipped with the given infrastructure.

If the plot is located in a district where the given infrastructure is missing and its availability is an urban problem, it will be noted that the plot doesn't have the given infrastructure. If the valuated/assessed plot has more favorable location in terms of availability of infrastructures in comparison with comparable plots, then the Evaluator will apply the correction of 15%.

#### *Slope*

The coordinated market observations show that plots with or without a slope has different prices. For that reason, the Evaluator will also consider this comparison element. If the assessed and comparator plots are flat, there will be no need to correct the given element.

#### *Property entitlements*

Plot prices are different depending on whether the entitlement is ownership or lease. The Evaluator will not apply an entitlement adjustment coefficient the plots will be assessed as private, then, depending on the type of entitlement and term of lease the compensation amount will be determined.

#### *Improvements*

This shows what improvements a given plot has other than main structures and trees, for instance, a metal, wooden or stone enclosure, areas covered by concrete or asphalt, etc. The Evaluator will not make a correction related to this element since the cost of these improvements is calculated separately at replacement cost and is added to the compensation cost.

### **Step 4**

The market price unit of the plots will be adjusted according to the listed comparison elements. The adjustment logic is presented in the table below:

**Table 3. Calculation of cost of 1 square meter of the total land plot**

| Comparison elements                   | Assessed real estate | Similar real estate 1 | Similar real estate 2 | Similar real estate 3 |
|---------------------------------------|----------------------|-----------------------|-----------------------|-----------------------|
| <b>Price for 1 square meter (AMD)</b> |                      | 27.500                | 29.213                | 27.163                |
| <b>Bargaining (Sales condition)</b>   |                      | Sale                  | Sale                  | Sale                  |
| Adjustment coefficient                |                      | 1.00                  | 1.00                  | 1.00                  |
| Adjustment by AMD                     |                      | 0                     | 0                     | 0                     |
| <b>Time (Market state)</b>            | 07.2017              | 05.2017               | 02.2017               | 12.2016               |
| Adjustment coefficient                |                      | 1.00                  | 1.00                  | 1.00                  |
| Adjustment by AMD                     |                      | 0                     | 0                     | 0                     |
| <b>Targeted purpose</b>               | Populated            | Populated             | Populated             | Populated area.       |
| Adjustment coefficient                |                      | 1.00                  | 1.00                  | 1.00                  |
| Adjustment by AMD                     |                      | 0                     | 0                     | 0                     |
| <b>Operational purpose</b>            | Resid.struc.         | Resid. struct.        | Resid. struct.        | Resid. struct.        |
| Adjustment coefficient                |                      | 1.00                  | 1.00                  | 1.00                  |
| Adjustment by AMD                     |                      | 0                     | 0                     | 0                     |
| <b>Actual purpose(usage)</b>          | Resid.struc.         | Resid. struct.        | Resid. struct.        | Resid. struct.        |
| Adjustment coefficient                |                      | 1.00                  | 1.00                  | 1.00                  |
| Adjustment by AMD                     |                      | 0                     | 0                     | 0                     |
| <b>Location</b>                       | Good                 | Good                  | Good                  | Good                  |
| Adjustment coefficient                |                      | 1.00                  | 1.00                  | 1.00                  |
| Adjustment by AMD                     |                      | 0                     | 0                     | 0                     |
| <b>Position</b>                       | Satisfactory         | Good                  | Excellent             | Good                  |
| Adjustment coefficient                |                      | 0.90                  | 0.80                  | 0.90                  |
| Adjustment by AMD                     |                      | -2.750                | -5.843                | -2.716                |
| <b>Affordability of transport.</b>    | Good                 | Good                  | Good                  | Good                  |
| Adjustment coefficient                |                      | 1.00                  | 1.00                  | 1.00                  |

| Comparison elements                        | Assessed real estate | Similar real estate 1 | Similar real estate 2 | Similar real estate 3 |
|--|----------------------|-----------------------|-----------------------|-----------------------|
| Adjustment by AMD                          |                      | 0                     | 0                     | 0                     |
| <b>Physical characteristics: including</b> |                      |                       |                       |                       |
| <b>Total surface area (square meter)</b>   | 407.48               | 400.0                 | 800.0                 | 800.0                 |
| Adjustment coefficient                     |                      | 1.00                  | 1.05                  | 1.05                  |
| Adjustment by AMD                          |                      | 0                     | 1.461                 | 1.358                 |
| <b>Availability of infrastructures</b>     | Good                 | Satisfactory          | Satisfactory          | Satisfactory          |
| Adjustment coefficient                     |                      | 1.15                  | 1.15                  | 1.15                  |
| Adjustment by AMD                          |                      | 4.125                 | 4.382                 | 4.074                 |
| <b>Slope</b>                               | Flat                 | Flat                  | Flat                  | Flat                  |
| Adjustment coefficient                     |                      | 1.00                  | 1.00                  | 1.00                  |
| Adjustment by AMD                          |                      | 0                     | 0                     | 0                     |
| <b>Property entitlements</b>               | Private              | Private.              | Private.              | Private.              |
| Adjustment coefficient                     |                      | 1.00                  | 1.00                  | 1.00                  |
| Adjustment by AMD                          |                      | 0                     | 0                     | 0                     |
| <b>Improvements</b>                        | Exist                | None                  | None                  | None                  |
| Adjustment coefficient                     |                      | 1.00                  | 1.00                  | 1.00                  |
| Adjustment by AMD                          |                      | 0                     | 0                     | 0                     |
| <b>General adjustment (AMD)</b>            |                      | 1.375                 | 0                     | 2.716                 |
| <b>Price for 1 adjusted square meter</b>   |                      | 28.875                | 29.213                | 29.879                |
| <b>Weight coefficient</b>                  |                      | 0.33                  | 0.34                  | 0.33                  |
| <b>Assessed real estate</b>                |                      | <b>29.321</b>         |                       |                       |

#### Step 5

The final decision on the value of the assessed property is determined through the sales comparison method by analyzing adjusted prices of comparator real estate sales. The Evaluator will average the adjusted prices of three similar plots after establishing that all the three comparator plots are similar to the assessed plot and that the sources for obtaining data are credible.

#### Step 6

The market price obtained through this method will be compared with the cadastral price. In cases when the market price obtained by the comparative method is higher than the cadastral price of the plot, prices obtained through the comparative method will be taken as a basis. Otherwise the cadastral price of the land plot's location zone will be considered as a basis. The cadastral price of the land plot will be determined on the basis of the RA Government Decrees N 1746-Ն dated 24.12.2003 or N 275-Ն dated 19.03.2015.

Upon request summary information on the cadastral prices of the affected communities' land plots will be provided to the Client separately.

#### Step 7

Then, the market price of the plot will be calculated by the following formula:

$$PMC = PSA \times SMC$$

where:

**PMC** – is the market price of the plot,

**PSA** – is the surface area of the plot,

**SMC** – is the adjusted market price for 1 square meter of similar plots.

### 6.2 BUILDING/STRUCTURE VALUATION METHODOLOGY

#### General Approach

The compensation for alienated buildings and structures will be calculated for both the owners of legal structures and users of illegal structures. For each group, the entitlement matrix of the draft LARP and LARF defines a special approach for compensation calculation. It is presented in the chart below in generalized formed.

**Table 4. Compensation for residential and non-residential structures**

|   |   |  |   |
|---|---|--|---|
| <b>Loss of residential buildings, structures</b>    |   | All the APs regardless the rights possessing for the structure (including legalisable and non-legalisable APs) | Cash compensation cost + 15% for loss of building at full replacement cost free of depreciation/transaction costs and salvaged materials. Partial impacts will entail the compensation of the affected portion of the building plus repairs, in case if the further usage and maintenance of the non-affected portion of the building is technically possible.                      |
|   |   | Relocated Leaseholders   | Cash refund of the unused rent already paid.  |
| <b>Loss of non-residential buildings structures</b> | Buildings, structures with state registration owned by APs      | Owners   | Cash compensation + 15% for loss of building at full replacement cost free of depreciation and salvaged materials and decrement of transaction costs. Partial impacts will entail the compensation of the affected portion of the building plus repairs in case of the maintenance, if the use and the alienation of the non-affected portion of the buildings is legally possible. |
|   | Illegal structures on land plots owned by APs or legal entities | Land owners who have illegal structures on their land plots  | Cash compensation at full replacement cost of the illegal structure (15% allowance is not paid)   |
|   | Illegal structures on land plots owned by community or state    | APs who have illegal structures  | APs who have illegal structures on land plots owned by community or state will receive a rehabilitation allowance equal to replacement cost of the illegal structure minus the legalization cost.   |
|   |   | Relocated Leaseholders   | Cash compensation for the unused lease already paid.  |

### 6.2.1 Determination of Replacement Cost of Buildings/Structures

The valuation of building/structures will be carried out at Cash compensation cost +15% based on the methodology/parameters recommended by the Information and Calculation Center for Pricing (CJSC) at the RA Ministry of Urban Development. Replacement cost is here understood as the total cost to reconstruct a building/structure comparable in area, materials and features to the building/structure to be replaced, free of deductions for transaction costs and amortization. The calculation of the replacement cost will be based on the following factors:

- (i) current market value of materials
- (ii) current cost of transportation of materials
- (iii) current labor costs, and
- (iv) cost of specific structural/esthetic features of the affected building.

Calculations will be made in compliance with official valuation indicators and adjustment coefficients established for the whole RA territory, as well as according to Aggregative Indicators for Civil Works (AICW), which were defined in the relevant parameters for evaluation of construction works.

The replacement costs of buildings and structures will be determined on the basis of

- (i) data presented in relevant specialized normative bulletins (INCC) and other reliable sources
- (ii) data on costs mentioned in construction contracts for similar structures in market conditions.

For the assessment of real estate, the replacement costs of structures will be calculated as the sum of direct and indirect expenses and business (constructor's) profit. The required expenses, for constructing 1 square meter of real estate with similar use and purpose, will be defined by the following formula:

$$SE = DE + IE + BP$$

where:



**SE** – required expenses for construction of 1 square meter of real estate with similar use and purpose  
**DE** –sum of direct expenses,  
**IE**- sum of indirect expenses, and  
**BP** - business (constructor's) profit.

Direct expenses include the following expenses directly associated with construction:

- (i) expenses for purchasing materials, products, engineering networks and systems, and constructors' salaries
- (ii) expenses for operation of construction vehicles and machinery
- (iii) expenses related to temporarily constructed structures, safety measures, other expenses considered the norm in the transport and local market
- (iv) expenses related to financing the construction, and
- (v) contractor's overhead expenses and profit.

Indirect expenses will be defined based on market tariffs for works and services. The following expenses arising from the construction of structures will be considered indirect expenses and will not be included in the cost of construction:

- (i) design, estimate preparation, technical and other control expenses
- (ii) payments for consulting, legal, accounting and audit services
- (iii) expenses related to advertising, marketing and object sale
- (iv) entrepreneur's administrative and other expenses.

The amount of business profit will be determined on the basis of market analysis. According to LARF, depreciation deductions were not implemented. In the event the market price for 1 square meter of construction is higher than the price obtained with a comparative method, the business profit will be applied.

Structure replacement expenses will be determined using the following formula:

$$RE = BS \times SE$$

where:

**RE** - Structure reproduction (or replacement) expenses

**BS** –floor surface area of assessed buildings and structures

**SE**- expenses required for the construction of 1 square meter of real estate with similar use and purpose.

An example of calculation of structure replacement costs is given in the following table:

**Table 5. Sample calculation of replacement cost of a residential building**

|  | <b>Name of building/structure</b>   | <b>Residential house sq.meter</b> |
|--|---|-----------------------------------|
|  | <b>Measurement unit</b>   |                                   |
| 1  | 1 unit expenses directly related to immediate implementation of works, as well obtained in the analysis and according to the price list presented by construction   |                                   |
|  | Price list presented by construction companies  | 177,317                           |
| 2  | Height between the interfloor ceilings of the assessed real estate (m)  | 2,85                              |
| (Reference: Ownership certificate and/or topography or measurement results)            |   |                                   |
| 3  | 1 unit expenses directly related to immediate implementation of works, as well obtained in the analysis and according to the price list presented by construction companies: salary, cost of materials, operation cost of vehicles and machinery,   | 177,317                           |
| 4  | The difference in prices for construction materials and civil works included in the expenses directly related to implementation of works, which obtained in the analysis and according to the price list presented by construction companies, and prices used during construction of assessed real estate, depending on the quality and / or the degree of the completion (%) | -24.00                            |
| Reference: private analysis, format: electronic version, Excel, "tarberutyun", sheet 1 |   |                                   |

|    | Name of building/structure  | Residentia house |
|----|---|------------------|
| 5  | Reproduction expenses (3+3*4/100) (absolute value),   | 134,761          |
| 6  | Expenses incurred depending on the surface areas of structures %  | 0.00             |
| 7  | Reproduction (replacement) expenses resulted from line 6  | 134,761          |
| 8  | Management department maintenance (overhead) costs %  | 13.30            |
| 9  | Reproduction (replacement) expenses resulted from line 8  | 152,684          |
| 10 | Additional expenses related to climatic conditions impact on construction works * (%)                           | 0.30             |
| 11 | Reproduction (replacement) expenses resulted  | 153,142          |
| 12 | Work implementation expenses in crammed conditions (%)  | 2.00             |
| 13 | Reproduction (replacement) expenses resulted from line 12   | 156,205          |
| 14 | Profit of contractor companies (%)  | 11.00            |
| 15 | Reproduction (replacement) expenses resulted from line 14   | 173,388          |
| 16 | Expenses incurred due to construction of temporary structures during implementation of construction works * (%) | 0.50             |
| 17 | Reproduction (replacement) expenses resulted from line 16   | 174,255          |
| 18 | Unexpected/unforeseen expenses (%)  | 3.00             |
| 19 | Reproduction (replacement) expenses resulted from line 18   | 179,482          |
| 20 | Taxes VAT * (%)   | 20.0             |
| 21 | Reproduction (replacement) expenses resulted from line 20   | 215,379          |
| 22 | Business profit (%)   | 0.00             |
| 23 | Reproduction (replacement) expenses resulted from line 22   | 215,379          |
| 24 | <b>Reproduction (replacement) expenses</b>  | <b>215,379</b>   |

### 6.2.2 Valuation approach applied for the affected apartments in multi-dwelling building

For the evaluation of apartment in multi-dwelling building the comparison method has been used. Below are presented the details of this method according to the RA Real Estate Valuation Standart:

- 1) Comparison approach shall be used in case when there is enough (3 items at least) market information on sale and purchase of alike real estate. Price offered for real estate on free market can be also used. The highest and best use can be considered as a range for compared real estate.
- 2) When evaluating real estate comparison approach shall be used in the following order:
  - a. analysis of market state for similar real estate and selection of reliable information for analysis.
  - b. determination of correspondent unit of comparison,
  - c. separation of required items of comparison,
  - d. adjustment of value of comparison units in accordance with comparison items,
  - e. Sequence of several adjustment value figures to one figure, for the comparable real estate or to the range of assessable real estate value.
- 3) Samples, formed on real estate market shall be accepted as comparison units. Several units of comparison can be used simultaneously for valuation of the same real estate.
- 4) The main elements of comparison that have influence on real estate price are the followings:
  - a. property rights and restrictions ( including with regard to rights and use),
  - b. location and site,
  - c. transport accessibility,
  - d. state of market, terms and conditions of sale,
  - e. physical behavior (area, height, length, wideness, storeys of the building, state of repair, etc.),

- 5) Final decision on size of determined by comparison approach results shall be taken on basis of analysis of sale-adjusted prices of the most similar real estate.

#### **Determination of compensation cost for affected apartments in a multi-dwelling building:**

There are affected apartments in a multi-dwelling building subject to alienation, consisting of only one or several dwelling rooms, without bathroom and kitchen. The surfaces of of these apartments are smaller then the smallest space on the real estate (dwelling) market of similar apartments (sold or offered) . Therefore, for the evaluation of these affected apartments, the following methodology has been applied for determination of the compensation cost:

- 1) As a result of conducted analysis of transactions or proposals in the market, the minimal area of apartments available (sold or offered) in the real estate (flat) market of the region has been determined,
- 2) The market and compensation values of the minimal apartment area have been determined,
- 3) Then the market and compensation values of the alienated apartment were determined which has smaller area then the minimum surface area in the market,
- 4) The rehabilitation allowance for vulnerable resindential relocated AHs has been calculated equal to the amount of difference between the minimum cost of the apartment in the market and the cost of affected apartment with smaller surface,
- 5) The final compensation cost for the affected apartments with smaller area then the apartment available in the market with minimal surface area has been determined as a sum of the calculated compensationcost for that apartment and the amount of rehabilitation allowance for vulnerable resindential relocated AHs.
- 6) In case of other affected apartments which has bigger surface then the minimal area of apartments available (sold or offered) in the real estate (flat) market of the region, the compenation cost has been considered as the evaluated market value of that apartyment in accordance with comparative method described above.
- 7) Accordng to the RA Law on “Multi-Apartment Building Management” (Article 32), the cost of the land plot is already included cost of the apartmenr based on the “shared ownership” principle.

### **6.3 TREE AND CROPS COMPENSTATION METHODOLOGY**

#### **6.3.1 Fruit trees (bushes, grapes) assessment methodology**

Fruit trees (bushes, grapes) are assessed based on the planting age in the garden. The compensation for fruit trees (bushes) is calculated based on the invested value, as much as the market value of the compensation for one year harvest of a given type of tree (bushes) times the number of years starting from the date of planting the tree (bush) in the garden, but no more than the number of years which is necessary for that type of tree (bush) to get the age of industrial harvest.

The following input data is necessary for the assessment:

- (i) Tree type
- (ii) Age of the tree
- (iii) Region where the tree is located.

#### **Determination of the value of investment made in fruit trees (bushes)**

In order to determine the amount invested in the fruit trees (bushes) first the market price of the seedlings has been determined. The market price of the seedlings has been defined based on the average price of seedlings in the Republic of Armenia. A study of the prices in the seedling market located at the entrance of Arinj community was carried out, then information was obtained from several vendors on the basis of which the average price was formed.

Then the expenses for the seedling (without planting) are estimated.

The following formula is applied to determine the value of the investment made in the fruit trees (bushes):

$$TF_{IV} = S_{MP} + C_s + \eta_{\text{tu}} \times A_T$$

Where:

$TF_{IV}$  –value of the investment made in the fruit trees,

$S_{MP}$  – market price of the seedling (without planting),

$C_s$  – planting costs of the seedling,  
 $U_{\text{tree}}$  – average annual costs needed for tree care and maintenance,  
 $A_T$  – tree age at the time of survey

After defining the seedling price of the tree type, expenses needed for annual activities to protect the mature non fruit-bearing tree will be calculated. Those expenses will be defined as a combination of expenses accepted in the given area, which is detailed in the following table.

| #  | Activity name         | Annual quantity                   |
|----|-----------------------|-----------------------------------|
| 1. | Tree pruning          | Once                              |
| 2. | Whitening of the tree | Once                              |
| 3. | Irrigation            | 3-8 times (depends on the region) |
| 4. | Fertilization         | Once                              |
| 5. | Cultivation           | Once                              |
| 6. | Tree sprinkling       | Once                              |
| 7. | Hoeing of cups        | Once                              |

### **Determination of the replacement cost for one year yield gained from a given tree (bushes) type**

The following baseline data are needed to estimate the replacement cost of one year harvest:

- Tree type
- Yield,
- Harvest cost,
- Region where the tree is located.

#### **Step 1 Tree type determination**

Compensated tree types were determined by an experienced agronomist possessing relevant knowledge and experience.

#### **Step 2 Market value of 1 kg of fruit**

The net annual value of the fruit tree will be defined as the market income from the annual harvest gained from the tree. To define this, the price of 1 kg of fruit gained from a given tree type will be determined. While calculating this, the following factors will be taken into account:

- Information obtained from the National Statistical Service of the Republic of Armenia for the last 7 years on the average annual sales prices of RA agricultural goods producers.
- Averaged retail prices (of the agricultural products) published in the Agropress ten-day newspaper<sup>32</sup>.
- A private survey will be conducted to establish the price of certain types of fruit, if it is not possible to verify the prices from the above- mentioned official sources

#### **Step 3 Tree type yield**

The yield (productivity) of the tree type will be determined. The yield will be defined based on professional literature as well as surveys from various specialized institutions such as the Armenian National Agrarian University.

The following formula was applied to determine the compensation amount for annual yield of fruit trees (annual net market income):

$$ANMI = 1 \times H \times H_{MP}$$

Where:

**ANMI** – annual net market income  
**H** – annual industrial harvest of a tree type  
**H<sub>MP</sub>** – market price of 1 kg

#### **Calculation of compensation amount**

The following baseline data are needed to estimate the compensation amount of fruit trees:

- Tree age at the time of the survey
- Productivity age of a tree

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<sup>32</sup> Founding publisher, the RA Ministry of Agriculture, “Agricultural Support Republican Centre” CJSC

- c. Compensation amount for one year yield (NMAI),
- d. Determination of the value of investment (TF<sub>IV</sub>)

The following formula was applied to determine the compensation amount for fruit trees.

$$TF_C = TF_{IV} + A_T \times NMAI$$

Where:

TF<sub>C</sub> – Compensation amount for fruit trees

TF<sub>IV</sub> - Value of the investment made in the fruit trees

A<sub>T</sub> – Tree age at the time of the survey- the maximum age of industrial harvest productivity

NMAI – Net market annual income

### 6.3.2 Timber Tree Assessment Methodology

Timber trees will be assessed based on age category (seedlings, tress of average maturity, mature trees), as well as the quality and volume of the wood. For the assessment of timber trees, the considered baseline data will be:

- (i) Tree type
- (ii) Tree diameter in centimeters, measured at a height of 1.3 m from the ground, including the bark
- (iii) Length of the trunk subject to processing (height in meters)<sup>33</sup>.

#### Step 1 Tree volume definition

Timber trees will be classified by volume as well as type (building timber or fuel wood) based on the availability of baseline data. To define the trees' volume, they will be classified by diameter as:

- (i) small (seedlings): 3,0-11,0 cm
- (ii) average (trees of average maturity): 12,0-24,0 cm
- (iii) large (mature trees): trunk thickness of 25,0 cm and more.

A tree classification example is shown in the following table. Waste will be defined as the sum of the tree cutting residues and peel volumes. The volume of fuel wood gained from building-timber trees is equal to the volume of the trunk with bark minus the volumes of building timber and waste (column 3- (7+8)).

If the tree will be completely used for fuel wood, the total trunk volume will be moved from column 3 to 9. The volume of such a tree (11) is defined by the sum of the trunk (9) and foliage (10) volume. The total building timber tree volume: the total liquidity (11), is formed from the sum of column 7, 9 and 10.

| Dimensions of the tree trunk |    |          | Solid volume in cubic meters |         |       |       |            |                |                  |                 |
|------------------------------|----|----------|------------------------------|---------|-------|-------|------------|----------------|------------------|-----------------|
| D1,3                         | H  | with the | Building timber              |         |       |       | Waste Wood |                |                  |                 |
|                              |    |          | Large                        | Average | Small | Total |            | From the trunk | from the foliage | Total liquidity |
| 1                            | 2  | 3        | 4                            | 5       | 6     | 7     | 8          | 9              | 10               | 11              |
| 12                           | 15 | 0,084    | -                            | -       | 0,03  | 0,03  | 0,03       | 0,02           | 0,01             | 0,06            |

Column 1- is the tree trunk diameter at the chest height: D1,3; i.e. the diameter at the height of 1,3 m from the ground, expressed by cm.  
Column 2- is the tree trunk height: H, by m.  
Column 3- is the volume of the tree trunk with the peel` V, by cubic meter.

Reference: "Forester's brief handbook," Hayk Hakhinyan, Vanadzor 1996

#### Step 2 Timber market cost definition

The timber market price will be defined on the basis of average prices in the RA timber market at the time of assessment.

#### Step 3 Calculation of compensation

For the assessment of timber trees, the following formula will be applied:

<sup>33</sup> This datum is not necessary for a trunk (subject to processing), the length of which is less than 1,0 m, as well as for trees, the diameter of which is less than 13,0 cm

$$TTC = TBC \times TBV + TFC \times TFV$$

Where:

**TTC** – Timber tree market price,

**TBC** – Market price of 1 cubic meter of building timber,

**TBV** - building timber volume,

**TFC** - Market price of 1 cubic meter of fuel wood,

**TFV** – Fuel wood volume.

#### 6.3.4 Crop/harvest assessment methodology

The compensation for crops will be determined on the basis of their net annual market value. The following are the necessary baseline data used for the assessment of crops:

- (i) Crop type
- (ii) Yield
- (iii) Harvest cost
- (iv) Region, where the crop is located.

##### Step 1 Determination of the net annual market value

The net market annual value of crops will be determined as the market income from the harvest gained from the crop in one year. The market price of 1 kg of harvest gained from the given crop will be defined. While calculating this, the following will be taken into account:

- (i) Information obtained from the National Statistical Service of the Republic of Armenia for the last 7 years on the average annual sales prices of RA agricultural goods producers.
- (ii) Averaged retail prices (of the agricultural products) published in the Agropress ten-day newspaper. A private survey will be conducted to establish the price of certain types of fruit, if it is not possible to verify their prices from the above- mentioned official sources

##### Step 2 Crop yield determination

The yield will be defined based on:

- (i) Professional literature,
- (ii) Average yield indicators published by the National Statistical Service of the Republic of Armenia analyzed for the last 7 years, as well as
- (iii) Surveys with various specialized institutions such as the Armenian National Agrarian University. The market cost of 1 kg of harvest will be multiplied by the yield indicator.

##### Step 3 Calculation of compensation

For the assessment of crops the following formula will be applied:

$$CMC = MCAI \times S$$

where:

**CMC** – Crop market price,

**NMCI** – Net market price of the annual income per unit,

**S** – Crop sowing surface area.

The unit rates applied by the Valuator for fruit trees, wood trees, decorative trees and crops are presented in the tables 6-9 below.

**Table 6. Unit rates applied for valuation of fruit trees**

| Type of fruit tree | Years to re-grow to productive level | Annual yield | Unit cost | Age       |           |            |            |            |            |   |
|--------------------|--------------------------------------|--------------|-----------|-----------|-----------|------------|------------|------------|------------|---|
|                    |                                      | kg           | AMD/kg    | 1         | 2         | 3          | 4          | 5          | 6          | 7 |
| Apricot            | 6                                    | 80           | 480       | 42.330,00 | 82.400,00 | 122.470,00 | 162.540,00 | 202.610,00 | 242.680,00 |   |
| Pear               | 6                                    | 60           | 720       | 46.410,00 | 91.060,00 | 135.710,00 | 180.360,00 | 225.010,00 | 269.660,00 |   |
| Walnut             | 6                                    | 30           | 1.240     | 42.096,00 | 81.796,00 | 121.496,00 | 161.196,00 | 200.896,00 | 240.596,00 |   |
| Plum               | 4                                    | 30           | 310       | 12.510,00 | 23.260,00 | 34.010,00  | 44.760,00  |            |            |   |
| Cherry             | 4                                    | 20           | 320       | 9.110,00  | 16.960,00 | 24.810,00  | 32.660,00  |            |            |   |
| Quince             | 6                                    | 25           | 850       | 24.680,00 | 47.600,00 | 70.520,00  | 93.440,00  | 116.360,00 | 139.280,00 |   |
| Apple              | 6                                    | 50           | 350       | 20.210,00 | 39.160,00 | 58.110,00  | 77.060,00  | 96.010,00  | 114.960,00 |   |
| Mulberry           | 4                                    | 90           | 420       | 41.730,00 | 81.200,00 | 120.670,00 | 160.140,00 |            |            |   |
| Sweet cherry       | 4                                    | 30           | 550       | 18.637,00 | 35.674,00 | 52.711,00  | 69.748,00  |            |            |   |
| Peach              | 3                                    | 40           | 330       | 15.337,00 | 29.074,00 | 42.811,00  |            |            |            |   |
| Plum (Shlor)       | 5                                    | 25           | 260       | 10.210,00 | 18.160,00 | 26.110,00  | 34.060,00  | 42.010,00  |            |   |
| Pomegranate        | 5                                    | 10           | 1.030     | 15.010,00 | 26.760,00 | 38.510,00  | 50.260,00  | 62.010,00  |            |   |
| Hazelnut           | 6                                    | 20           | 1.060     | 26.096,00 | 49.796,00 | 73.496,00  | 97.196,00  | 120.896,00 | 144.596,00 |   |
| Almond             | 5                                    | 15           | 1.060     | 20.796,00 | 39.196,00 | 57.596,00  | 75.996,00  | 94.396,00  |            |   |
| Fig                | 4                                    | 40           | 800       | 36.430,00 | 70.100,00 | 103.770,00 | 137.440,00 |            |            |   |
| Cornel             | 4                                    | 20           | 480       | 13.310,00 | 24.360,00 | 35.410,00  | 46.460,00  |            |            |   |
| Oleaster           | 5                                    | 40           | 530       | 25.630,00 | 48.500,00 | 71.370,00  | 94.240,00  | 117.110,00 |            |   |
| Grapes             | 4                                    | 25           | 330       | 10.930,00 | 20.850,00 |            |            |            |            |   |

| Type of fruit tree | Years to re-grow to productive level | Annual yield | Unit cost | Age       |           |            |            |            |            |            |
|--------------------|--------------------------------------|--------------|-----------|-----------|-----------|------------|------------|------------|------------|------------|
|                    |                                      | kg           | AMD/kg    | 1         | 2         | 3          | 4          | 5          | 6          | 7          |
|                    |                                      |              |           |           |           | 30.770,00  | 40.690,00  |            |            |            |
| Buckthorn          | 4                                    | 10           | 370       | 6.910,00  | 12.060,00 | 17.210,00  | 22.360,00  |            |            |            |
| Persimmon          | 5                                    | 50           | 840       | 46.930,00 | 90.600,00 | 134.270,00 | 177.940,00 | 221.610,00 |            |            |
| Dewberry           | 3                                    | 0,2          | 630       | 388,74    | 525,48    | 662,22     |            |            |            |            |
| Currant            | 3                                    | 3            | 600       | 2.937,00  | 5.275,00  | 7.613,00   |            |            |            |            |
| Raspberry          | 3                                    | 0,2          | 840       | 430,74    | 609,48    | 788,22     |            |            |            |            |
| Rosehip            | 3                                    | 5            | 320       | 2.487,00  | 4.624,00  | 6.761,00   |            |            |            |            |
| Sea buckthorn      | 6                                    | 30           | 700       | 23.710,00 | 46.160,00 | 68.610,00  | 91.060,00  | 113.510,00 | 135.960,00 |            |
| Date               | 7                                    | 20           | 800       | 20.430,00 | 38.100,00 | 55.770,00  | 73.440,00  | 91.110,00  | 108.780,00 | 126.450,00 |
| Guelder-rose       | 6                                    | 30           | 250       | 10.210,00 | 19.160,00 | 28.110,00  | 37.060,00  | 46.010,00  | 54.960,00  |            |
| Olive              | 4                                    | 20           | 1.000     | 23.137,00 | 43.674,00 | 64.211,00  | 84.748,00  |            |            |            |
| Barberry           | 4                                    | 5            | 1.000     | 7.137,00  | 12.674,00 | 18.211,00  | 23.748,00  |            |            |            |
| Medlar             | 5                                    | 30           | 300       | 11.930,00 | 22.600,00 | 33.270,00  | 43.940,00  | 54.610,00  |            |            |
| Hawthorn           | 3                                    | 5            | 320       | 2.487,00  | 4.624,00  | 6.761,00   |            |            |            |            |



**Table 7. Unit rates applied for valuation of wood trees**

| No | Wood trees | Large     | Middle   | Small    |
|----|------------|-----------|----------|----------|
|    |            | AMD       | AMD      | AMD      |
| 1  | Acacia     | 29.900,00 | 8.960,00 | 2.310,00 |
| 2  | Ailanthus  | 29.900,00 | 8.960,00 | 2.310,00 |
| 3  | Poplar     | 29.900,00 | 8.960,00 | 2.310,00 |
| 4  | Maple      | 29.900,00 | 8.960,00 | 2.310,00 |
| 5  | Ash tree   | 25.900,00 | 7.560,00 | 1.890,00 |
| 6  | Oak        | 25.900,00 | 7.560,00 | 1.890,00 |

**Table 8. Unit rates applied for valuation of decorative trees**

| No | Decorative trees      | Large      | Medium     | Small     |
|----|-----------------------|------------|------------|-----------|
| 1  | Rose Noble            | 900,00     | 600,00     | 300,00    |
| 2  | Lilac                 | 2.500,00   | 1.500,00   | 500,00    |
| 3  | Thuja compacta        | 9.000,00   | 6.000,00   | 3.000,00  |
| 4  | Elderberry (sambucus) | 3.500,00   | 2.500,00   | 1.500,00  |
| 5  | Cornus                | 1.500,00   | 750,00     | 250,00    |
| 6  | Tecoma                | 2.000,00   | 1.000,00   | 500,00    |
| 7  | Box (tree)            | 2.500,00   | 1.500,00   | 500,00    |
| 8  | Thuja                 | 9.000,00   | 6.000,00   | 3.000,00  |
| 9  | Cypress               | 280.000,00 | 120.000,00 | 25.000,00 |
| 10 | Pine                  | 78.960,00  | 65.100,00  | 48.300,00 |

**Table 9. Unit rates applied for valuation of crops**

| No | Crops              | Annual Productivity | Unit cost for yield | Unit cost for crop |
|----|--------------------|---------------------|---------------------|--------------------|
| 1  | Bean               | 3                   | 370                 | 1.110,00           |
| 2  | Strawberry         | 0,6                 | 830                 | 498                |
| 3  | Cucumber           | 2,7                 | 250                 | 675                |
| 4  | Pepper             | 3                   | 260                 | 780                |
| 5  | Tomato             | 4,2                 | 260                 | 1.092,00           |
| 6  | Decorative flowers | -                   | 2.180               | 2.180              |

#### **6.4 VALUATION METHODOLOGY FOR COMPENSATION OF BUSINESS INTERRUPTION**

As per the LARF the Business interruption is compensated as follows:

|  |  |   |   |
|--|--|---|---|
| <b>Business (entrepreneurs hip) interruption</b> | Businesses (entrepreneurship) in the affected land | All APs regardless of the tax declaration | <b>1) Businesses with a tax declaration</b><br>a) In case of permanent impact: cash compensation of 1 year net income.<br>b) in case of temporary impact: cash indemnity of net income for months of business suspension up to 1 year. State registration and license fees will also be compensated, if any.<br><br><b>2) Businesses without a tax declaration</b><br>a) In case of permanent impact: rehabilitation allowance based on the minimum monthly salary for 1 year;<br>b) In case of temporary impact: rehabilitation allowance based on the minimum monthly salary for the number of months of business stoppage up to a maximum of 1 year. |
|--|--|---|---|

#### **6.5 TRANSPORTATION COSTS**

Transportation costs were determined according to the average price of services offered by several freight shipping companies in the market. Prices will be calculated in a manner allowing the AP to move his/her property within a radius of 20 km.

Studies shows that such companies offer small trucks (Gazelle) and large trucks (GAZ -52 or ZIL131) for moving furniture and household items, MAZ auto cranes and a KAMAZ drive unit with an ODAZ semi-trailer for moving assets with non-standard dimensions). The services were calculated on the basis of the following criteria:

- (i) routing quantity
- (ii) quantity of assets to be moved
- (iii) apartment floor level
- (iv) availability of an elevator
- (v) dimensions of one piece assets.

#### **6.6 TRANSACTION COSTS**

The costs related to the transaction are calculated on the basis of tariffs on implementation of real estate state registration defined by the RA legislation, payments and state duties defined by the notaries offices. Also the fact of the possibility to divide one piece of assets into 2 or 3 parts (as a result of partial alienation of assets) is taken into account.

### **7. IMPACT ASSESSMENT AND VALUATION APPROACHES FOR SENSITIVE PROPERTIES**

Given the fact, that the clear indicators of sensitivity and definition of vibration survey zone shall be defined by the qualified specialists, for the preliminary identification of sensitive locations the following principle has been applied:

- (vii) The sensitive locations has been preliminary assessed based on the relief of the locaton (sloping, distance from the new road) and types of construction activities envisaged by designon that particular location such as blasting, compaction by rollers etc<sup>34</sup>. Only residential buildngs located in the sensitive locations has been identified by cadastral map/data, by analysis of google maps, dron videos, as well as field visits.

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<sup>34</sup> The preliminary list of sensitive locations (properties) has been dicussed and agreed with the specialist of TPIO and ADB beforehand during the working meeting on November 18,2017.

- (viii) The types of surfaces of land plots and residential buildings involved has been determined as follows: (i) for the properties which are located on the affected land plots, but not in the RoW, the surface has been determined based on cadastral data, ownership certificates or actual measurement in case of not registered properties), and (ii) based on data from cadastral map (where available), google earth photos and drone videos (where possible) in case of structures located on the land plots out of RoW,
- (ix) The number and types of other improvements, such as trees, crops, fences etc. haven't been identified in this stage,
- (x) The number of involved land plots and residential buildings has been taken as a basis to extrapolation of the possible number of AHs/APs,
- (xi) The status on usage of involved properties (habited/not habited) could be preliminarily assessed based on available data from communities, google maps and drone videos, where possible,
- (xii) The cost estimation of residential structures involved has been made based on the average replacement cost determined for the affected structures under this LARP (the replacement cost has been estimated without adding 15%) multiplying with the surface of the building.

## 8. ESTIMATION OF PROVISIONAL BUDGET FOR FRUIT TREES AND CROPS ON THE NOT INVENTORIED INACCESSIBLE LOCATIONS

During the preliminary impact assessment, because of the relief (mountains and gorges) the impacts have not been visible. In the field it was revealed that the relief in several location/cases is a limitation for surveying the areas. In total 6115m of road has not been directly inventoried (both on two sides of the road). These 6115m involve 48 lot-codes/land plots in 52 locations in 7 communities (excluding the Aqori and Archis communities), of which 33 are community lands, 9 are state-owned lands and 6 are private-owned lands. In order to assess the possible impacts on those locations, they have been inventoried by drone videos, however the results of analysis by drone are preliminary.

However, it is assumed that during the LARP implementation the owners or users of such land plots might be identified/self-identified and claim on the usage of affected assets on not inventoried locations/land plots. In cases, when the owners or users are identified/self-identified and it will be possible to carry out an inventory with the help of APs, the inventoried improvements will be subject for compensation under the LARP in accordance with LARP and LARF provisions.

In this regard, the following estimation methodology has been applied to provide a provisional budget in LARP:

1. The surface of affected inventoried land plots has been determined,
2. The total number of inventoried fruit trees on the affected land plots has been determined,
3. The total area of inventoried crops on the affected land plots has been determined,
4. The total area of not inventoried land plots (locations) has been determined based on cadastral map,
5. The ratio of the inventoried affected area and trees/crops has been calculated,
6. The result of calculated ratio has been applied to the total area of not inventoried land plots (locations) to determine the volume of possible fruit trees and crops on that area.

The results of this approach is presented below:

| N  | Item/unit  | Number    |
|----|--|-----------|
| 1. | Surface of affected inventoried land plots (sqm)             | 192,708.8 |
| 2. | Number of inventoried fruit trees on the affected land plots | 13,758    |
| 3. | Area of inventoried crops on the affected land plots (sqm)   | 151.0     |
| 4. | Area of not inventoried land plots (sqm)                     | 70,575.0  |

Thus:

- The possible number of fruit trees on the not inventoried land plots =  $13,758/192,708.8 \times 70,575.0 = 5038.5$  (No)
- The possible area of crops on the not inventoried land plots =  $151/192,708.8 \times 70,575.0 = 55.3$  sqm

7. The average unit costs of all fruit trees and crops on the affected inventoried land plots has been determined as follows:

| <b>1. Fruit trees</b>         |                                       |  |  |
|-------------------------------|---------------------------------------|--|--|
| <b>The type of fruit tree</b> | <b>The category of the fruit tree</b> | <b>The number of fruit trees on the affected land plots (No)</b> | <b>Total compensation for fruit trees on the affected land plots (AMD)</b> |
| Raspberry                     | Productive                            | 7,515  | 52,612,515   |
| Cherry                        | Productive                            | 39   | 1,273,740  |
|                               | Not yet Productive                    | 2  | 49,620   |
|                               | Seedling                              | 4  | 36,440   |
| Guelder-rose                  | Productive                            | 59   | 7,460,550  |
| Peach                         | Productive                            | 50   | 2,140,550  |
|                               | Not yet Productive                    | 1  | 29,074   |
| Olive                         | Not yet Productive                    | 1  | 64,211   |
| Medlar                        | Productive                            | 1  | 54,610   |
| Walnut                        | Productive                            | 134  | 32,239,864   |
|                               | Not yet Productive                    | 15   | 2,537,040  |
| Fig                           | Productive                            | 273  | 37,521,120   |
|                               | Not yet Productive                    | 13   | 1,248,000  |
| Mulberry                      | Productive                            | 109  | 17,455,260   |
|                               | Not yet Productive                    | 15   | 1,375,880  |
| Grape                         | Productive                            | 112  | 4,557,280  |
|                               | Not yet Productive                    | 3  | 92,310   |
| Apple                         | Productive                            | 20   | 2,299,200  |
|                               | Not yet Productive                    | 7  | 463,620  |
| Date                          | Productive                            | 23   | 2,908,350  |
|                               | Not yet Productive                    | 5  | 349,530  |
| Apricot                       | Productive                            | 50   | 12,134,000   |
|                               | Not yet Productive                    | 7  | 1,217,920  |
|                               | Seedling                              | 10   | 423,300  |
| Persimmon                     | Productive                            | 21   | 4,653,810  |
|                               | Not yet Productive                    | 3  | 402,810  |
| Sweet cherry                  | Productive                            | 6  | 418,488  |
|                               | Not yet Productive                    | 3  | 158,133  |
| Barberry                      | Productive                            | 1  | 23,748   |
| Currant                       | Productive                            | 104  | 803,728  |
| Cornel                        | Productive                            | 112  | 5,203,520  |
|                               | Not yet Productive                    | 22   | 535,920  |
| Buckthorn                     | Productive                            | 92   | 2,057,120  |
| Rosehip                       | Productive                            | 9  | 60,849   |
| Dewberry                      | Productive                            | 4,420  | 25,375,220   |
| Almond                        | Productive                            | 1  | 94,396   |
| Pomegranate                   | Productive                            | 26   | 1,612,260  |

| 1. Fruit trees  |                                |   |   |
|---|--------------------------------|---|---|
| The type of fruit tree  | The category of the fruit tree | The number of fruit trees on the affected land plots (No) | Total compensation for fruit trees on the affected land plots (AMD) |
|   | Not yet Productive             | 1   | 26,760  |
| Plum (shlor)  | Productive                     | 7   | 294,070   |
|   | Seedling                       | 10  | 102,100   |
| Sea buckthorn   | Not yet Productive             | 1   | 46,160  |
| Plum  | Productive                     | 238   | 10,652,880  |
|   | Not yet Productive             | 28  | 887,780   |
| Quince  | Productive                     | 75  | 10,446,000  |
|   | Not yet Productive             | 22  | 2,009,840   |
| Hawthorn  | Productive                     | 3   | 20,283  |
| Pear  | Productive                     | 10  | 2,696,600   |
|   | Not yet Productive             | 4   | 453,540   |
| Hazelnut  | Productive                     | 59  | 8,531,164   |
|   | Not yet Productive             | 8   | 635,368   |
| Oleaster  | Productive                     | 4   | 468,440   |
| Total   |                                | 13,758  | 259,214,971   |
| The average unit cost for fruit tree= $259,214,971 / 13,758 = 18,841.0$ AMD |                                |   |   |

| Crops   |  |            |                           |  |   |
|---|--|------------|---------------------------|--|---|
| The type of crop  | The total area of crops on the affected land plots (sqm) | Yield (kg) | Unit cost for yield (AMD) | Compensation for 1 sqm of crop 1 (AMD) | Total compensation for crops on the affected land plots (AMD) |
| Pepper  | 20.0   | 3          | 260                       | 780                                    | 15,600  |
| Cucumber  | 10.0   | 2.7        | 250                       | 675                                    | 6,750   |
| Strawberry  | 10.0   | 0.6        | 830                       | 498                                    | 4,980   |
| Pepper  | 6.0  | 3          | 260                       | 780                                    | 4,680   |
| Cucumber  | 6.0  | 2.7        | 250                       | 675                                    | 4,050   |
| Tomato  | 8.0  | 4.2        | 260                       | 1092                                   | 8,736   |
| Pepper  | 1.0  | 3          | 260                       | 780                                    | 780   |
| Strawberry  | 3.0  | 0.6        | 830                       | 498                                    | 1,494   |
| Decorative flowers  | 2.0  | 1          | 2180                      | 2180                                   | 4,360   |
| Cucumber  | 25.0   | 2.7        | 250                       | 675                                    | 16,875  |
| Bean  | 40.0   | 3          | 370                       | 1110                                   | 44,400  |
| Tomato  | 20.0   | 4.2        | 260                       | 1092                                   | 21,840  |
| <b>Total</b>  | <b>151.0</b>   |            |                           |  | <b>134,545</b>  |
| The average unit cost for crop= $134,545 / 151.0 = 891.0$ AMD |  |            |                           |  |   |

8. The above mentioned average costs has been multiplied to the possible number of fruit trees and area of crops on the not inventoried land plots (locations) as follows:
- ***The estimated total cost for the possible fruit trees on the not inventoried land plots (locations) =  $5038.5 \times 18,841.0 = 94,931,298$  AMD***
  - ***The estimated total cost for the possible crops on the not inventoried land plots (locations)=  $55.3 \times 891.0 = 49,274$  AMD***

## **9. DATABASE DEVELOPMENT AND LARP PREPARATION**

Based on the information received through the Census and Detailed Measurement Survey works a web based database was developed in MSQl where the whole LAR data is entered. The database will serve also during the LARP implementation. Since the Description Protocols are being filled in automatically through the specific program, the information available in the protocols will be identical with the information presented in the LARP and the database to be used during the LARP implementation monitoring.

### **APPENDIX 3. Census and Socio-Economic Survey Questionnaire**

## CENSUS QUESTIONNAIRE N\_\_\_\_\_

1. 1. AFFECTED HOUSEHOLD N\_\_\_\_\_

| 2.<br>COMMUNITY | 3. CODE OF THE<br>AFFECTED LAND PLOT | 4. TYPES OF LOSS<br><i>Several options are possible</i><br>1. land<br>2. structure<br>3. fence<br>4. business<br>5. employment<br>6. crop<br>7. fruit tree<br>8. decorative or timber tree | 5. STATUS, NAME AND SURNAME OF THE AFFECTED PERSON U2   |        |               |        |
|-----------------|--------------------------------------|--|---|--------|---------------|--------|
|                 |                                      |  | 1. Owner<br>2. Leaseholder<br>3. Legalizable<br>4. Non-legalizable<br>5. User without lease agreement | Status | Name, surname | Status |
|                 |                                      |  |   |        |               |        |
|                 |                                      |  |   |        |               |        |
|                 |                                      |  |   |        |               |        |

### 6. INITIAL INFORMATION

|  |  |
|--|--|
| 1. Interview date  |  |
| 2. Name, surname of the interviewer  |  |
| 3. Name, surname of the interviewee  |  |
| 4. Telephone number of the interviewee<br><i>/if not available, please specify any other contact data/</i> |  |



|                               |  |
|-------------------------------|--|
| 5. Address of the interviewee |  |
|-------------------------------|--|

**7. DESCRIPTION OF AFFECTED HOUSEHOLDS** *(please encircle the record number of the interviewee)*

| No | 1. Name, surname  | 2. Relation with AHH head  | 3. Sex               | 4. Date of birth   | 5. Ethnicity   | 6. Education level<br><i>(Fill out from the card)</i>  | 7. Marital status  | 8. Social group   |
|----|---|--|----------------------|--------------------|--|--|--|---|
|    | 1. first fill in the names and surnames of the HH members starting with the head of the HH,<br><br>2. then ask questions 2-7 for each member,<br><br>3. and then ask question 8 for each member | 1. Head<br>2. Husband/wife<br>3. Daughter/son<br>4. Father/mother<br>5. Sister/brother<br>6. Grandmother /grandfather<br>7. Son-in-law/daughter-in-law<br>8. Grandchild<br>9. Mother-in-law / father-in-law<br>10. Other | 1. Male<br>2. Female | (day/month / year) | 1. Armenian<br>2. Yazidi<br>3. Kurd<br>4. Assyrian<br>5. Other<br>/indicate/ | 1. Illiterate (has not attended school)<br>2. Elementary (1-4 grades)<br>3. Unfinished secondary (up to grade 8)<br>4. Secondary (ten-year)<br>5. Middle school (5-9 grades)<br>6. High school (10-12 grades)<br>7. Secondary vocational<br>8. Unfinished higher, student<br>9. Higher (Bachelor or Master)<br>10. Postgraduate<br>98. NA /aged under 6/ | 1. Married<br>2. Single<br>3. Widowed<br>4. Divorced<br>98. NA /aged under 18/ | 1. I grade<br>2. II grade<br>3. III grade<br>4. Born disabled<br>5. Parentless child<br>6. Single parent<br>7. Single pensioner<br>8. Refugee<br>98. NA |
| 1  |   |  |                      |                    |  |  |  |   |
| 2  |   |  |                      |                    |  |  |  |   |
| 3  |   |  |                      |                    |  |  |  |   |
| 4  |   |  |                      |                    |  |  |  |   |
| 5  |   |  |                      |                    |  |  |  |   |
| 6  |   |  |                      |                    |  |  |  |   |
| 7  |   |  |                      |                    |  |  |  |   |
| 8  |   |  |                      |                    |  |  |  |   |
| 9  |   |  |                      |                    |  |  |  |   |

|    |  |  |  |  |  |  |  |  |
|----|--|--|--|--|--|--|--|--|
| 10 |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |

| No | 8. Employment<br><i>/several answers are possible /</i> | 10. Income type (AMD)                       |                                  |                |  |  |  |
|----|---|---|----------------------------------|----------------|--|--|--|
|    |   | 1. agricultural (manufacturing and sale)    | 10. Allowance for disability     |                |  |  |  |
|    | 1. Employed   | 2. Private agriculture, without sale        | 11. Family allowance for poverty |                |  |  |  |
|    | 2. Pensioner  | 3. Cattle breeding (manufacturing and sale) | 12. Other benefits /indicate/    |                |  |  |  |
|    | 3. Pupil  | 4. Private cattle breeding, without sale    | 13. Work abroad                  |                |  |  |  |
|    | 4. Student  | 5. Hired employee                           | 14. Support from abroad          |                |  |  |  |
|    | 5. Distant student                                      | 6. Entrepreneurship                         | 15. No income                    |                |  |  |  |
|    | 6. Does not work and does not look for a job            | 7. Self-employed                            | 16. Other                        |                |  |  |  |
|    | 7. Unemployed (looking for a job)                       | 8. Scholarship                              | 98. NA                           |                |  |  |  |
|    | 8. Soldier  | 9. Pension                                  |                                  |                |  |  |  |
|    | 98. NA /aged under 6 and other cases/                   |   |                                  |                |  |  |  |
|    |   | Monthly income                              | Monthly income                   | Monthly income |  |  |  |
| 1  |   |   |                                  |                |  |  |  |
| 2  |   |   |                                  |                |  |  |  |
| 3  |   |   |                                  |                |  |  |  |
| 4  |   |   |                                  |                |  |  |  |
| 5  |   |   |                                  |                |  |  |  |
| 6  |   |   |                                  |                |  |  |  |
| 7  |   |   |                                  |                |  |  |  |

|                  |  |  |  |  |  |  |  |
|------------------|--|--|--|--|--|--|--|
| 8                |  |  |  |  |  |  |  |
| 9                |  |  |  |  |  |  |  |
| 10               |  |  |  |  |  |  |  |
| 11               |  |  |  |  |  |  |  |
| 12               |  |  |  |  |  |  |  |
| 13               |  |  |  |  |  |  |  |
| 14               |  |  |  |  |  |  |  |
| 15               |  |  |  |  |  |  |  |
| AHH total income |  |  |  |  |  |  |  |

# 11. VULNERABILITY OF THE HOUSEHOLD *(documentary evidence is required for vulnerability)*

|  |       |  |       |  |       |   |       |
|--|-------|--|-------|--|-------|---|-------|
| 1. The AHH family /families/ is /are/ registered in the family poverty assessment system and <b>gets /get/ poverty allowance</b> |       | 2. <b>Woman headed</b> AHH, without any other adult member of the AHH capable of working |       | 3. <b>Elderly pensioner headed</b> AHH, without any other adult member of the AHH capable of working |       | 4. AHH headed by a <b>disable person/s/ with I and II grade disability</b> , without any other adult member of the AHH capable of working |       |
| 1. Yes   | 2. No | 1. Yes   | 2. No | 1. Yes   | 2. No | 1. Yes  | 2. No |

Signature of the interviewee\_\_\_\_\_

## Socio-Economic Survey Questionnaire

**OWNER'S ID**  
*INSTRUCTION. To be  
filled out by the  
coordinator*

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

### A. INCOMES AND EXPENDITURES

A1. What kind of assistance did you or your family members receive from the STATE last year? (*Multiple answers are possible*)

| Types of Assistance                                  | 1. Yes | 2. No |
|--|--------|-------|
| 1. Old age pension                                   |        |       |
| 2. Disability pension                                |        |       |
| 3. Benefit for the loss of a breadwinner             |        |       |
| 4. Child care benefit for up to 2 years old children |        |       |
| 5. Child birth benefit                               |        |       |
| 6. Poverty family benefit                            |        |       |
| 7. Lump sum benefit, aid                             |        |       |
| 8. Other /identify/                                  |        |       |

A2. How much is the average amount of your expenses?

INTERVIEWER – calculate all expenses including purchases with borrowed money

| Type of expenditures   | Average monthly expenditures<br>(AMD) |
|--|---------------------------------------|
| 1. Food  |                                       |
| 2. Clothes   |                                       |
| 3. Utility payments (including landline phone)   |                                       |
| 4. Mobile phone  |                                       |
| 5. Health expenditure  |                                       |
| 6. Tuition and other expenses related to education   |                                       |
| 7. Household goods   |                                       |
| 8. Social functions/obligations  |                                       |
| 9. Transportation costs (personal and public transport, not for agricultural purposes)                           |                                       |
| 10. Expenditure on agriculture and cattle farming, including irrigation water, agricultural machinery rental fee |                                       |
| 11. Rents (for land, apartment)  |                                       |
| 12. Taxes /land taxes, property tax, etc./   |                                       |
| 13. Other /identify/   |                                       |
| <b>Total</b>   |                                       |

| 1. Yes | Currency  | Amount | Source   |  |  |
|--------|---|--------|--|--|--|
|        | 1. AMD<br>2. USD<br>3. Euro<br>4. Russian Ruble |        | <i>/Several answers are possible/</i><br>1. Bank/credit organization<br>2. Private individual<br>3. Lombard<br>4. Other (identify) |  |  |
|        |   |        |  |  |  |

A3. Do you have any present?

|       |  |  |  |  |  |
|-------|--|--|--|--|--|
|       |  |  |  |  |  |
|       |  |  |  |  |  |
|       |  |  |  |  |  |
| 2. No |  |  |  |  |  |

loan or debt at

## B. AGRICULTURE

### B1. Please identify the agricultural land resources used by your household.

| Type                         | 1. Own land      1. Yes (_____ha)      2. No       |                                   |         |            | 2. Not own land      1. Yes (_____ha)      2. No |   |   |         | 7. Total | 8. What part of the total is used |  |
|------------------------------|--|-----------------------------------|---------|------------|--|---|---|---------|----------|-----------------------------------|--|
| Hectare                      | 1. Own land cultivated by your household (hectare) | 2. Own land given to someone else |         | 3.Unusable | 4. Leased land (with document)                   | 5. Without document neighbor's / relative's cultivated land | 6. Other cultivated land without document | Hectare | Hectare  | %                                 |  |
|                              |  | 1. for rent<br>2. without rent    | Hectare |            |  |   |   |         |          |                                   |  |
| Homestead land <sup>35</sup> | 1  |                                   |         |            | 1  |   |   |         |          |                                   |  |
| Arable                       | 2  |                                   |         |            | 2  |   |   |         |          |                                   |  |
| Vineyard                     | 3  |                                   |         |            | 3  |   |   |         |          |                                   |  |
| Orchard                      | 4  |                                   |         |            | 4  |   |   |         |          |                                   |  |
| Mowing                       | 5  |                                   |         |            | 5  |   |   |         |          |                                   |  |
| Pasture                      | 6  |                                   |         |            | 6  |   |   |         |          |                                   |  |
| Other /identify/             | 7  |                                   |         |            | 7  |   |   |         |          |                                   |  |
| Total                        | 8  |                                   |         |            | 8  |   |   |         |          |                                   |  |

---

<sup>35</sup> Homestead land size should be registered excluding the surface area of the building/house. In case of several homesteads, their surfaces should be summed.



## C- GENDER PARTICIPATION

**C1. Does the female member of your family have any say in decision making on below-mentioned matters?**

*PASS ON to question D1, if the interviewee is a single woman or if the household has only men in it.*

| List of matters   | 1.Yes | 2.No | 3.Sometimes |
|---|-------|------|-------------|
| 1. Matters related to financial investments/liabilities /obtaining a loan, borrowing money/ |       |      |             |
| 2. Education of child   |       |      |             |
| 3. Health care of child   |       |      |             |
| 4. Purchase of assets /land, furniture, machinery, vehicle, gold/                           |       |      |             |
| 5. Selling of assets /land, furniture, machinery, vehicle, gold/                            |       |      |             |
| 6. Day to day activities on household running / also trade / daily food, clothes /          |       |      |             |

## D- OTHER PROPERTY

**D1. Possession of Assets** (*INTERVIEWER – specify the quantities as of the present moment*)

| TV set | Washing machine | Refrigerator | Mobile phone | Telephone | Vehicle (car) | Bus/Truck/Agricultural machinery | Air conditioner | Computer |
|--------|-----------------|--------------|--------------|-----------|---------------|----------------------------------|-----------------|----------|
|        |                 |              |              |           |               |                                  |                 |          |

**D2. Livestock** (*INTERVIEWER – specify the quantities as of the present moment*)

| Type | Cow | Buffalo | Sheep | Goat | Poultry | Pig | Donkey | Horse | Other (specify |
|------|-----|---------|-------|------|---------|-----|--------|-------|----------------|
|      |     |         |       |      |         |     |        |       |                |

|             |  |  |  |  |  |  |  |  |                  |
|-------------|--|--|--|--|--|--|--|--|------------------|
|             |  |  |  |  |  |  |  |  | <i>the type)</i> |
| Specify the |  |  |  |  |  |  |  |  |                  |

### E- ACCESS TO SERVICES, INFRASTRUCTURES

**E 1. Please specify the accessibility of the services/infrastructures specified below, based on distance. Choose the closest of the 4 possible answers.**

|  | Up to 2 km   | Within 2 km | At a distance of 2 to 5 km | Above 5 km      |
|--|--|-------------|----------------------------|-----------------|
| 1. Secondary school  |  |             |                            |                 |
| 2. High school   |  |             |                            |                 |
| 3. Kindergarten  |  |             |                            |                 |
| 4. Other educational institutions<br>/music school, painting and other centers,<br>sports complex/ |  |             |                            |                 |
| 5. Hospital/outpatient clinic  |  |             |                            |                 |
| 6. Pharmacy  |  |             |                            |                 |
| 7. Post office   |  |             |                            |                 |
| 8. Public transport  |  |             |                            |                 |
| 9. Park, garden, etc.  |  |             |                            |                 |
| 10. Shop, trade center   |  |             |                            |                 |
| 11. Cultural center  |  |             |                            |                 |
| 12. Church   |  |             |                            |                 |
| <b>Basic amenities</b>   | <i>INTERVIEWER - Tick the appropriate, several answer are possible</i> |             |                            |                 |
| 1. Source of drinking water  | 1. Piped water supply  | 2. Spring   | 3. Well                    | 4. Stream/Other |
| 2. Type of toilet  | 1. Flush toilet  | 2. Latrine  | 3. No toilet               |                 |

|                     | Up to 2 km     | Within 2 km | At a distance<br>of 2 to 5 km | Above 5 km            |
|---------------------|----------------|-------------|-------------------------------|-----------------------|
| 3. Fuel for heating | 1. Electricity | 2. Wood     | 3. Gas                        | 4.<br>Diesel/Kerosene |

## **APPENDIX 4. Property Description Protocol**

RA Government Decree No.10-N dated January 1, 2015  
 "Appendix N1 to  
 RA Government Decree N1275-N dated September 16, 2010"

## PROTOCOL

### ON DESCRIPTION OF PROPERTY ALIENATED FOR PUBLIC AND STATE NEEDS (LAND PLOT, BUILDING, STRUCTURE AND IMPROVEMENTS)

#### Introduction

This Protocol is made based on the RA Law on "Alienation of Property for Public and State Needs", according to which:

Upon entering into force of the Government Decree on public eminent domain the authorized body, within the terms and manner defined by the Government, prepares the description protocol of the property under acquisition. The acquirer, the owner and property right holders are entitled to participate in the mentioned process if during the initial investigation of the property protocols were not prepared. The owner of the property subject to acquisition or the actual holder of the property shall allow the authorized body to prepare the description protocol of the property to be acquired.

If the owner of the property to be acquired or the actual holder of the property hinders the preparation works of description protocols, the authorized body makes the description protocols based on the available opportunity, which is considered as basis for valuation of existing improvements.

One copy of the description protocol of the property to be acquired, no later than within 3 days after its preparation, is duly sent to the owner or the actual holders of the property who have the right to appeal to the authorized body or the court within 10 days after receiving the protocols.

### PART 1. LEGAL STATUS AND DESCRIPTION OF LAND

| 1. REGION, COMMUNITY | 2. LAND CADASTER CODE |
|----------------------|-----------------------|
|                      |                       |

#### 3. INFORMATION ON AFFECTED PERSONS AND LEGAL STATUS OF LAND

| Individual/ legal entity/community /state/other | Owner / other property right /actual user | Passport / tax code | Registration address/legal address | Certificate of state registration |               |      | Authorized person | Notes |
|---|---|---------------------|------------------------------------|-----------------------------------|---------------|------|-------------------|-------|
|   |   |                     |                                    | Number                            | Issuance date | Term |                   |       |
|   |   |                     |                                    |                                   |               |      |                   |       |
|   |   |                     |                                    |                                   |               |      |                   |       |
|   |   |                     |                                    |                                   |               |      |                   |       |
|   |   |                     |                                    |                                   |               |      |                   |       |

#### 4. DESCRIPTION OF AFFECTED LAND

| Affected person /filled in only in case of user | Land surface as per the certificate | Land surface as per refraction angles coordinates of actual land plot | Affected surface | Actually used surface | Used surface of affected land | Land purpose as per state registration certificate |             | Actual land operation purpose |
|---|-------------------------------------|---|------------------|-----------------------|-------------------------------|--|-------------|-------------------------------|
|   |                                     |   |                  |                       |                               | Purpose  | Operational |                               |
|   |                                     |   |                  |                       |                               |  |             |                               |

|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|

#### 5. DESCRIPTION OF ASSETS ON LAND SUBJECT TO RELOCATION (MOVABLE)

| 1.Name                                | 2.material | 3.length | 4.width | 5.hight | 6.located on affected part of the land |
|---------------------------------------|------------|----------|---------|---------|--|
| 1.                                    |            |          |         |         |  |
| 2.                                    |            |          |         |         |  |
| 3.                                    |            |          |         |         |  |
| 4. economic, household items, objects |            |          |         |         |  |

#### 6. IMPROVEMENTS ON LAND (without buildings, structures) DESCRIPTION

| 1. Name | 2. material | 3.surface, m <sup>2</sup> |          | 4. volume, m <sup>3</sup> |          | 5. linear meter, m. |          |
|---------|-------------|---------------------------|----------|---------------------------|----------|---------------------|----------|
|         |             | Total                     | Affected | Total                     | Affected | Total               | Affected |
|         |             |                           |          |                           |          |                     |          |

#### 7. LIMITATIONS TO LAND

1.Available ☐

2.Not available ☐

Information on limitation to assets based on data provided by State Committee of the Real Estate Cadastre adjunct to the RA Government

#### 8. CROPS ON LAND (part 2)

1.Available ☐

2.Not available ☐

#### 9. TREES ON LAND(part 3)

1.Available ☐

2.Not available ☐

#### 10. BUILDINGS, STRUCTURES ON LAND (part 4)

1Available ☐

2.Not available ☐

#### 11. BUSINESS ACTIVITIES ON LAND (part 5)

1.Available ☐

2.Not available ☐

**Note:** in points 8, 9, 10, 11 in case of «available» it is necessary to fill in the corresponding part of the protocol.

## PART2. DESCRIPTION OF CROPS ON LAND

| Crop type | 1.Surface of crop on the total surface of the land plot | 2.Surface of crop on the part of land to be acquired |
|-----------|---|--|
|           | $M^2$   | $M^2$  |
|           |   |  |
|           |   |  |
|           |   |  |

## PART 3. DESCRIPTION OF TREES ON LAND

### 1.PRODUCTIVE TREES, BUSH TYPES

| Types of trees, bushes | 1.Trees available on the total surface of land |        | 2. Trees on the part of land to be acquired |        |
|------------------------|--|--------|---|--------|
|                        | Age  | Number | Age   | Number |
|                        |  |        |   |        |

### 2. TYPE, AMOUNT AND DIAMETER OF WOOD TREES

| Tree type | 1.Trees available on the total surface of land |          |          |          | 2. Trees on the part of land to be acquired |          |           |          |
|-----------|--|----------|----------|----------|---|----------|-----------|----------|
|           | 1.medium                                       |          | 2.mature |          | 1. medium                                   |          | 2. mature |          |
|           | Number   | Diameter | Number   | Diameter | Number                                      | Diameter | Number    | Diameter |
|           |  |          |          |          |   |          |           |          |

### 3. TYPE AND AMOUNT OF DECORATIVE TREES

| Tree type | 1. Trees available on the total surface of land | 2. Trees on the part of land to be acquired |
|-----------|---|---|
|           |   |   |
|           |   |   |

## PART 4. LEGAL STATUS AND DESCRIPTION OF BUILDINGS, STRUCTURES

### 1. INFORMATION ON LEGAL STATUS OF AFFECTED BUILDINGS, STRUCTURES

| Structure cadaster code/ reference number                         | Right | Purpose as per certificate | Purpose of use as per certificate | Actual use purpose | Inner surface per certificate | Actual inner surface | illegal surface | Actual outer surface | Affected surface | Actual availability as of the survey date |
|---|-------|----------------------------|-----------------------------------|--------------------|-------------------------------|----------------------|-----------------|----------------------|------------------|---|
|   |       |                            |                                   |                    |                               |                      |                 |                      |                  |   |
|   |       |                            |                                   |                    |                               |                      |                 |                      |                  |   |
|   |       |                            |                                   |                    |                               |                      |                 |                      |                  |   |
|   |       |                            |                                   |                    |                               |                      |                 |                      |                  |   |
| Illegal structures unregistered in state registration certificate |       |                            |                                   |                    |                               |                      |                 |                      |                  |   |

### 2. DESCRIPTION OF ELEMENTS OF AFFECTED BUILDINGS, STRUCTURES

| Structure cadastercode/reference number | Basis | Building frame (skeleton) | Structural walls | Height | Roof | Number of stories | Basement surface | Attic surface | Completion degree |
|---|-------|---------------------------|------------------|--------|------|-------------------|------------------|---------------|-------------------|
|   |       |                           |                  |        |      |                   |                  |               |                   |

|   |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|
|   |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
| illegal structures unregistered in state registration certificate |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |

**3. ACTUAL HOLDER OR USER OF BUILDINGS/STRUCTURES** *(fill in only if different from persons mentioned in point 1 of parts 1 and 3 of the protocol)*

| Structure code /reference number | Name, surname of actual holder/user |
|----------------------------------|-------------------------------------|
|                                  |                                     |
|                                  |                                     |
|                                  |                                     |
|                                  |                                     |
|                                  |                                     |
|                                  |                                     |
|                                  |                                     |
|                                  |                                     |

**4. HOUSEHOLD ITEMS, OBJECTS IN THE STRUCTURE SUBJECT TO TRANSPORTATION** *( on "other" indicate assets of special volume which can affect the change of type of vehicle required for transportation)*

| 1.Type                     | 2.On the affected part (indicate) |
|----------------------------|-----------------------------------|
| 1.household items, objects |                                   |
| 2.other (indicate)         |                                   |

**5. LIMITATIONS TO ASSET**

1.Available ☐

2.Not available ☐

Information on limitation to assets based on data provided by State Committee of the Real Estate Cadastre adjunct to the RA Government /indicate the source



## PART 5. DESCRIPTION OF BUSINESS ACTIVITIES

### 1. ORGANIZATIONAL FORM AND REQUISITES OF BUSINESS

|    |   |                          |
|----|---|--------------------------|
| 1. | Full name of the organization, (IE name, surname or name) |                          |
| 2. | Organizational form (if not registered, indicate)         |                          |
| 3. | Tax code  |                          |
| 4. | Number of state registration certificate                  |                          |
| 5. | legal address   |                          |
| 6. | Actual activity address                                   |                          |
| 7. | Registration date   |                          |
| 8. | Director  |                          |
| 9. | Contact   | Tel.:<br>Fax:<br>e-mail: |

### 2. FIELD OF ACTIVITY

| Field Of Activity | Type of Activity |
|-------------------|------------------|
|                   |                  |
|                   |                  |

3. **Type of impact (indicate )** \_\_\_\_\_  
(Temporary or permanent)

4. **In case of temporary impact indicate minimum and maximum number of months**

| Minimum | Maximum |
|---------|---------|
|         |         |

### 5. DECLARATION OF FINANCIAL ACTIVITIES

|   |  |
|---|--|
| Submitting or not submitting of tax declaration, other required data (certificate) (indicate) |  |
|---|--|

### 6. TAXATION TYPE (indicate)

\_\_\_\_\_  
(VAT payer, VAT not payer, payer of fixed fees, license fee payer)

### 7. EMPLOYEES OF A COMPANY /IE ( indicate data of persons registered or working for already 2 months before the preparation of protocols)

| Name surname | Position | Passport data | Date of recruitment | Working at the time of survey (indicate: yes or no) |
|--------------|----------|---------------|---------------------|---|
|              |          |               |                     |   |
|              |          |               |                     |   |
|              |          |               |                     |   |
|              |          |               |                     |   |
|              |          |               |                     |   |
|              |          |               |                     |   |

### 8. INFORMATION ON AVAILABILITY BRANCH OF A COMPANY

|  |
|--|
|  |
|--|

## ADDITIONAL DATA

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## LIST OF ENCLOSED DOCUMENTS

1. Measurement plan of land plot, building, structure (including illegal structure) with indication of part subject to acquisition
2. Photos of described assets
3. Copy of power of attorney (if the protocol is signed by an authorised person)
4. Other (any documents or data related to real estate, improvements, conditions of their usage and information not reflected in the protocol which will be provided by affected person, community, acquirer or preparatory of the protocol)

**The description protocol was prepared by:**

|       |           |             |
|-------|-----------|-------------|
| _____ | _____     | <b>seal</b> |
|       | Signature |             |

**Real estate owner (co-owner ):**

|                 |             |                   |      |
|-----------------|-------------|-------------------|------|
| _____           | _____       | _____             | seal |
| (surname, name) | (Signature) | authorized person |      |

|                 |             |                   |      |
|-----------------|-------------|-------------------|------|
| _____           | _____       | _____             | seal |
| (surname, name) | (Signature) | authorized person |      |

**Person entitled to other property right:**

|                 |             |                   |      |
|-----------------|-------------|-------------------|------|
| _____           | _____       | _____             | seal |
| (surname, name) | (Signature) | authorized person |      |

**Actual holder of real estate:**

|                 |             |                   |      |
|-----------------|-------------|-------------------|------|
| _____           | _____       | _____             | seal |
| (surname, name) | (Signature) | authorized person |      |

**Actual user of real estate:**

|                 |             |                   |      |
|-----------------|-------------|-------------------|------|
| _____           | _____       | _____             | seal |
| (surname, name) | (Signature) | authorized person |      |

**Acquirer:**

|                 |             |                   |      |
|-----------------|-------------|-------------------|------|
| _____           | _____       | _____             | seal |
| (surname, name) | (Signature) | authorized person |      |

**State Authorized Body:**

|                 |             |                   |      |
|-----------------|-------------|-------------------|------|
| _____           | _____       | _____             | seal |
| (surname, name) | (Signature) | authorized person |      |

« \_\_\_\_ » \_\_\_\_\_ 20 \_\_\_\_

## **APPENDIX 5. Minutes of Public Consultation Meetings**

## Minutes of Public Consultations Meeting for the Project of Rehabilitation and Improvement of M6 Vanadzor-Alaverdi-Georgian Border Interstate Road

Within the framework of the project, public consultations were held in Haghabat, Neghoc, Alaverdi, Akhtala, Shnogh, Odzun, Aygehat communities during the preparation of the final LARP in July 2017. Besides the above-mentioned communities, heads of Aqori and Karkop communities also attended the public consultations as the only community lands are affected in these communities.

The announcement about the public hearings was officially sent to the heads of the affected communities, and they were further informed about it via telephone call. Besides, the announcement was posted on the website and Facebook page of the “Transport Programs Implementation Organization” SNCO. Based on the list of affected lot-codes, community administrations have identified land owners, lease holders, and non-registered users, and then informed all of them, including non-affected people of the community, about the day, time and place of public hearings.

All attendees of the public hearings were provided with Project information leaflets that contained information about the stages of LAR, entitlement matrix, grievance redress mechanisms, and contact details of the representatives of Project executives.

The representatives of the TPIO and the consultant, present at the meeting, are listed in the table below:

| Participants   | Community and date of the public consultations |          |          |          |          |          |          |
|--|--|----------|----------|----------|----------|----------|----------|
|  | Haghabat                                       | Neghoc   | Alaverdi | Akhtala  | Shnogh   | Odzun    | Aygehat  |
|  | 05.07.17                                       | 05.07.17 | 06.07.17 | 06.07.17 | 06.07.17 | 07.07.17 | 07.07.17 |
| Sona Poghosyan – Head of Social Impact Management Service, TPIO SNCO                                   | √  | √        | √        | √        | √        | √        | √        |
| Shushan Kocharyan – Social Development Specialist, TPIO SNCO   | √  | √        | √        | √        | √        | √        | √        |
| Tigran Grigoryan- Team leader of the consulting company, Altavip LLC                                   | √  | √        | √        | √        | √        | √        | √        |
| Arsen Hayriyan - Social Development and Resettlement Specialist of the consulting company, Altavip LLC | √  | √        | √        | √        | √        | √        | √        |
| Anna Hambardzumyan - Social Specialist, of the consulting company, Altavip LLC                         | √  | √        | √        | √        | √        | √        | √        |

The public hearing was attended by 69 APs – 23 women and 46 men (the list of participants is attached to the minutes of the meeting).

| <b>Gender</b> | <b>Haghat</b> | <b>Neghoc</b> | <b>Alaverdi</b> | <b>Akhtala</b> | <b>Shnogh</b> | <b>Odzun</b> | <b>Aygehat</b> | <b>Total</b> |
|---------------|---------------|---------------|-----------------|----------------|---------------|--------------|----------------|--------------|
| Male          | 7             | 7             | 10              | 1              | 15            | 3            | 3              | <b>46</b>    |
| Female        | 2             | 1             | 8               | 6              | 4             | 0            | 2              | <b>23</b>    |
| <b>Total</b>  | <b>9</b>      | <b>8</b>      | <b>18</b>       | <b>7</b>       | <b>19</b>     | <b>3</b>     | <b>5</b>       | <b>69</b>    |

**The following issues were on the agenda:**

- Purpose of the Project and related LAR impacts;
- LAR stages, namely: recognition of the prevailing public interest, DMS, census and SES, preparing and signing description protocols of affected assets, preparation and approval of the LARP by the RA Government and the ADB, implementation of the LARP and signing of compensation contracts and agreements;
- Entitlement matrix and principles of compensation, methodology of evaluation of the assets by types of losses;
- Grievance Redress Mechanism, namely: the functions and jurisdiction of the bodies responsible for examination of the complaint, forms and ways of complaint submission, terms set for examination of complaints and responding to them;
- LARP implementation procedures and expropriation issues
- Legalization procedures and cadastral issues
- Questions and answers.

## Questions and answers<sup>36</sup> – Akhtala

| Questions   | Answers   |
|---|---|
| F.-What are the principles of inviting participants of the discussion?  | Today's lists, based on which the participants of the discussion were invited, were made on the basis of cadastral data, that is, the road design was superimposed on the cadastral map and it was observed whose properties are subject to acquisition and correspondingly the holders are invited. And since the cadastral map has deviations in the area and it is quite possible that the list is incorrect and some people are invited whose property is not located in the affected area, their property will not be touched and vice versa. Therefore, correction of the lists is planned to implement on the basis of the information obtained through actual measurement survey. |
| F.- Is it possible that agreement is not reached when signing the description protocol?   | Yes, it's possible. For example, there may be a disagreement over tree types, information on which is subject to additional verification. The protocol could not be signed because of disagreement over various issues: e.g. it contains inaccurate information or, in a global sense, a person can say that the road design is not acceptable to him/her at all. If a person's complaint does not refer to the actual information contained in the protocol, but is general, an additional reference is issued where the person indicates why he refuses to sign the protocol.   |
| F.-Suppose I do not want my wall to be demolished, how will my wish be taken into account?  | First of all, information about the owners of land in the affected area is identified, based on which the RA Government adopts decree on Eminent Domain. Based on this decree the state recognizes all land plots needed for the project as an exclusive public interest. This decree gives a person an opportunity to file a lawsuit and state a disagreement for which the necessary justifications are needed, and the acquirer in his turn justifies the necessity of using the land.   |
| F.- Well, the court may decide that it is necessary to acquire the property, but I do not agree.  | Your disagreement must be supported by a valid argument. The construction of the road has a public significance, hence, one's interest is subordinated to the public interest, and the concept of exclusive public interest is the basis of the acquisition of the property.  |
| M.- If the land is needed for the construction of the road and a person, for example, has a garage, or access road (for a vehicle) to the yard which is subject to acquisition, then how will the same area be recovered? | GoA decree on Eminent Domain is the basis for acquisition of the property. Moreover, if a person's land is recognized as an exclusive public interest, then a notification is immediately sent to that person by post with relevant information leaflet attached to it on the details of acquisition and compensation procedures.   |
| F.- And if he/she is a pensioner and can not see the information/data or mistakes contained in the protocol, what should be done in that case?  | Specialists read, present and explain, after which the protocols are signed. However, the attention of the residents is very important.   |
| M.- If I sign the protocol, does it mean that I agree that these works will be carried out?   | Generally, yes. But the importance of signing the protocol is that everything described there is correct and can serve as a basis for calculating the cost of compensation.   |

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<sup>36</sup> F-female, M-Male

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| F.- Are the registered people somehow connected with the acquisition?  | No. Compensation for acquisition is given only to those who are the legal owners of the property and have ownership certificates. But according to the Asian Development Bank's policy, land user also receives compensation for their improvements, including for improvements made by the users.   |
| F. – They will cut the trees and go. What will the villager do?  | The affected trees will be compensated by the Project and only after be cut. Assessment mechanisms for trees and crops are different. For example, 4 years old apple tree will be compensated for 4 years' yield value, i.e for the years needed for a person to plant a new apple tree and get harvest as already described.  |
| M.- Assume that for the widening of the road, it is necessary to cut and take one meter which may cause damages to the building. Who is responsible for restoration works?               | In case of partial impact, the whole building is acquired, but if the holder wishes to provide a part and to restore and use the rest, engineer evaluates the use of the latter from the point of view of safety and compensates the costs of repair, otherwise it will be acquired and compensated totally.   |
| M. – What solutions do you propose if you permanently close the road? For example, according to the Design, the road used by me when driving my car is out, how shall we enter the yard? | Your case will be examined by specialists immediately. If there are buildings that currently have legal access, the Project must restore the same legal access. It is possible that another access is envisaged by the Project, which will be repaired and handed over to the owner.   |
| F.- Will the width of 9 m be provided for the road? I want to understand what is the probability that our area will be affected.   | It seems that not everywhere it is possible to provide this width. All cases will be examined separately during the measurement survey.  |
| M.- If the road is built and asphalted, but underneath there is a water pipe. How is this problem resolved?  | Besides the construction, the Project also envisages the relocation of all utilities, i.e. all infrastructures that hinder the road construction will be relocated.  |
| F.- How long is it planned to carry out these works?   | It is planned to start the measurements, surveys in about 15 days. It is necessary to work efficiently in order to start construction soon. However, there are some obstacles that affect the speed of the process, for example, the absence of people. If someone is going to leave for somewhere, the transactions can be executed with a power of attorney, the form of which will be provided.                                 |
| F.- I am interested in the duration of organization and implementation of the works.   | The lands subject to acquisition probably will be identified in the coming month. Proper notifications will be sent to the property owners/holders by post.  |
| F.-Have our documents already been collected?  | The works are planned to begin after informing the residents in order to be understandable who and for what purpose gets and fixes information.  |
| M.- Will the buildings be demolished by you?   | The buildings will be demolished after the acquisition and compensation process, which is followed by construction stage by the Contractor.  |
| M.- In fact, nobody has the right to demolish my building before I sign the protocol, isn't it?  | The construction can not start until the acquisition and compensation are completed, which are carried out on the basis of the signed contracts and court judgments.   |
| F. – Will the layout be given to us or not?  | Of course, the layout will be provided. A separate layout will be developed for each land, where the land is shown with its structures and the part to be acquired. The description of the affected part is also written on it. In case the land is recognized as an exclusive public interest, a notification is immediately sent to the owner/user with the layout attached to it. The law allows a person to claim for complete |

acquisition of the land, but it is possible in two cases: 1) when the remaining part is much smaller compared to the part which will be acquired; 2) when the remaining part can not be used for its functional or economic purposes. Such request should be supported with relevant justifications. Such applications will be examined within 15 days and decisions will be provided. The person has the right to submit the claim within two months after receipt of the decree on eminent domain, and in case of delay such applications are not subject to examination according to the law. Everything will be presented in detail in the information leaflet attached to the notification letter.





ՍԶ ՎԱՆԱԶՈՐ-ԱԼԱՎԵՐԴԻ-ՎՐԱՍՏԱՆԻ ՄԱՀՄԱՆ ՄԻՋՊԵՏԱԿԱՆ ՃԱՆԱՊԱՐՀԻ ՎԵՐԱԿԱՆԳՆՄԱՆ ԵՒ ԲԱՐԵԼԱՎՄԱՆ ԾՐԱԳԻՐ

Համայնք Ուխտաշեն

Ամսաթիվ 06.07.2017

| N | Անուն, ազգանուն                             | Կարգավիճակ                                   | Հեռախոս      | Ստորագրություն |
|---|---|--|--------------|----------------|
|   | Զելիկ Խաչատրյան                             | Ժ/Գ Բաժնետեր                                 | 095111584    |                |
|   | Ստեփան Խաչատրյան                            | Պրոպագանդայի և հարցազննության բաժնի ղեկավար  | 094.82.85.09 |                |
|   | Աննա Պողոսյան                               | ՏՖԽՀ Առաջ. առգ. կառ. ղեկավար                 | 095111287    | պլեժ           |
|   | Վրաչ Զարգարյան                              | ԷՌ Երազյան Բնակարանային կառվարության ղեկավար | 099 220 89 2 | Վ. Զարգարյան   |
|   | Արամյան Զեյնալ                              | Անվտանգության                                | 097702036    | Կար            |
|   | Համբարձումյան Զուլալ                        | Խաչատրյան և Բաժնետեր                         | 097.19-20 09 | Խաչատրյան      |
|   | Խաչատրյան Զարգար                            | Պրոպագանդայի և հարցազննության բաժնի ղեկավար  | 093520522    |                |
|   | Համբարձումյան Զուլալ                        | Անվտանգության                                | 093-44-80-09 | Խաչատրյան      |
|   | Զարգարյան Արամյան                           | Անվտանգության                                | 098 64 45 03 | Պրոպ           |
|   | Ստեփան Խաչատրյան                            | Խաչատրյան - Բաժնետեր                         | 099-14-76-00 | Խաչատրյան      |
|   | Պրոպագանդայի և հարցազննության բաժնի ղեկավար | Պրոպագանդայի և հարցազննության բաժնի ղեկավար  | 055-21-05-25 | Պրոպ           |
|   | Խաչատրյան Զարգար                            | Զանգազան                                     | 077-26-35-23 | Խաչատրյան      |
|   | Զարգարյան Զեյնալ                            | Խաչատրյան - Բաժնետեր                         | 093 23 04 84 | Խաչատրյան      |
|   | Տիգրան Զարգարյան                            | ՎՏԱՀ Զեյնալ Զարգարյան                        | 093900504    | Տիգրան         |

### Questions and answers – Alaverdi, Aqori

| Questions   | Answers   |
|---|---|
| M.-Should our wall be dismantled by 3-4 meters?   | A survey will be conducted to find out what will be dismantled, how much will be dismantled etc.. Some special cases might be observed by engineer, but it's necessary to examine and record the actual information. Based on the Design it's determined which part will be affected.   |
| F.-Why can't you say now what will be acquired?   | Now it is impossible to say exactly. It is possible to look at the map and determine if the given land plot should be used for the road construction. But the results of experts' measurements and observation might be different and some deviations may occur. Consequently, it will be possible to provide accurate information to the owner or user of the land after survey and data recording are done.   |
| M.-How long will it take to know everything clearly?  | It is planned to start measurement works in the coming 10 days, which can be completed within a month. After that, each case will be addressed separately.  |
| M.- I have works to do, but I have to stop them and wait for a month. It is possible that I am doing useless work.  | There is a cut off date to be defined under the Project which means that no compensation will be given for any additional improvement made after the cut-off date. It is the date of signing of the affected property/assets description protocols. If repair works are done at that moment, compensation will also be provided for repair works, and the costs incurred after that date are not subject to compensation.<br>As for the activities related to land, the specialists will try to examine that area first and to identify the possibility it will be affected. Consequently, you will decide how appropriate it is to continue or terminate your work in that area. |
| M.- When talking about restoration or reconstruction, I understand that the building will be built somewhere else. Who will provide this other place? If the cost of the building | Within the framework of the project, cash compensation in replacement cost is envisaged for the property. With the received amount you can buy a building in the center of Alaverdi.  |

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|--|---|
| is provided, where can a person build that building? Maybe we want a house in the center of Alaverdi.  |   |
| M.- Assume a person has a building in the centre, which will be used for business purposes. And it is possible that the road has been built one meter away from the building and the access is hindered, how will the problem be solved? | It's not a case, as all business/commercial buildings which had legal accesses before construction of the road, will be again provided with legal accesses. So, the existence of any obstacle is excluded. It will be provided under the Project design.  |
| M.- Suppose that business activities are carried out in the yard of the building, and if the yard is acquired without building for purposes of the road, then the building loses its significance. What shall we do?                     | In case land, building, other properties lose their targeted significance, there are certain norms which are considered within the framework of the Project.  |
| M.-Will there be any complications related to the determination of functional significance of the property and whether they will not try to convince us?   | Within 15 days the acquirer should consider the application and arguments submitted by the owner.   |
| F.-We have a garage and an orchard. I do not know how the road will pass, but I irrigate my land with water from the road. There are a lot of such lands and if the construction works last one or two years, all the lands will dry up. | In addition to main construction, the Project envisages restoration of all infrastructures located near the road. The relocation will be done in a way that the utilities are operating until the relocation moment.  |
| F.-It's not the first case. Once the roads were cleaned and our irrigation water was not provided. Men living in the area made it with their own resources. Nobody helped us. The same will be in this case.                             | Under the Project everything should be done to solve the problem.   |
| M.-My ownership certificate is old. What should I do?  | The existence/availability of necessary documents will be studied and a decision will be made. For example, if the certificate is old or missing, the Project supports people to ensure that the documents are adequately maintained. In order to provide information on the final list of necessary documents, an appropriate examination is required. |

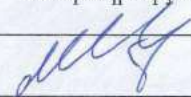



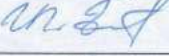


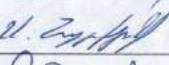
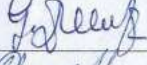
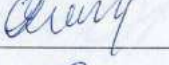
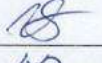
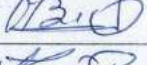






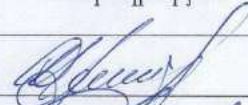


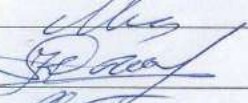

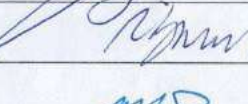

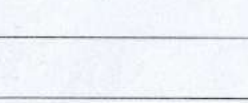

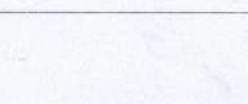

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Համայնք Աղավերք

Ամսաթիվ 06.07.2017

| N | Անուն, ազգանուն        | Կարգավիճակ                                 | Հեռախոս      | Ստորագրություն  |
|---|------------------------|--|--------------|---|
|   | Արթուր Մկրչյան         | անհամապատասխան                             | 094-23-21-70 |    |
|   | Նուսրիսյան Դուհաբեգյան | անհամապատասխան                             | 091-71-51-35 |    |
|   | Հասմիկ Մկրտչյան        | բնակիչ, անհամապատասխան                     | 044-011-544  |    |
|   | ՀՏՏԱ Պարոտյան          | կապեր                                      | 099-72-27-57 |    |
|   | Արարիկ Եսայան          | հեռ. - անհամապատասխան, կապ. - համապատասխան | 096734777    |    |
|   | Կարսիկ Մկրտչյան        | անհամապատասխան                             | 093991135    |    |
|   | Բաղդատ Զարկ            | համապատասխան                               | 094-939-739  |    |
|   | Արմ Զարկ               | հեռ. - անհամապատասխան, կապ. - համապատասխան | 099220992    |   |
|   | Քարին Եսայան           | անհամապատասխան                             | 099.26.24.09 |  |
|   | Ջենեթ Եսայան           | անհամապատասխան                             | 098.26.24.08 |  |
|   | Աննա Եսայան            | բնակիչ                                     | 093-09-55-57 |  |
|   | Դավիթ Մկրտչյան         | հեռ. - անհամապատասխան, կապ. - համապատասխան | 099031739    |  |
|   | Դրոբ Եսայան            | հեռ. - անհամապատասխան, կապ. - համապատասխան | 096401096    |  |
|   | Փարիկ Պալատյան         | անհամապատասխան                             | 099.98.55.93 |  |

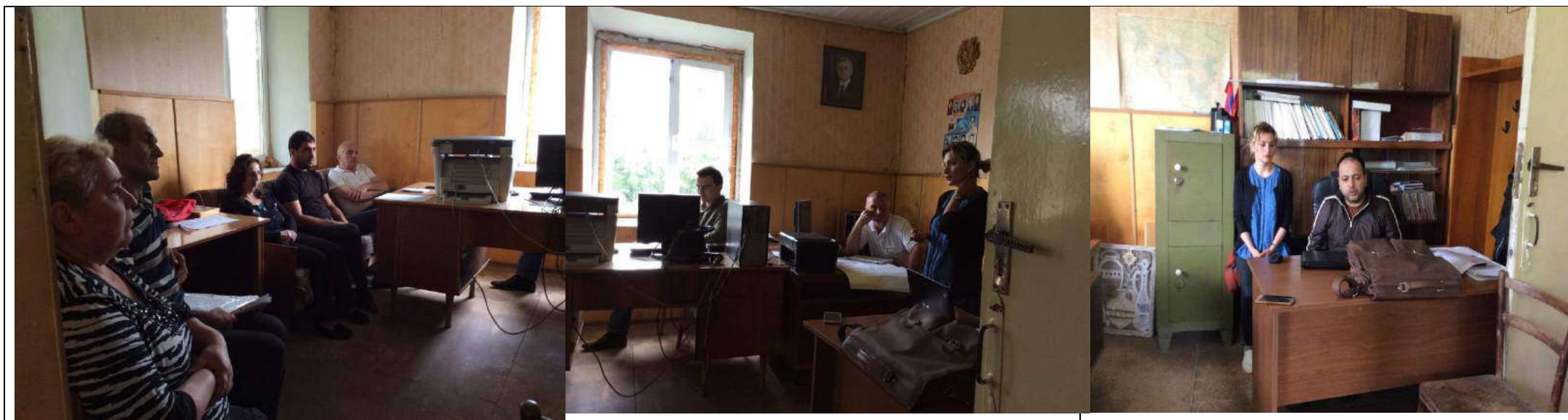
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| N | Անուն, ազգանուն    | Կարգավիճակ                         | Հեռախոս      | Ստորագրություն  |
|---|--------------------|------------------------------------|--------------|---|
|   | Հովսեփյան Յուլիա   | Տժժ կամուրան                       | 095 111 584  |    |
|   | Համբարձում Ալբերտ  | անհետացած                          | 099.88.50.51 |    |
|   | Հակոբյան Ջուլիա    | անհետացած                          | 099 05 06 02 |    |
|   | Վարդանյան Երկր     | Ծն. թիվ                            | 055-21-05-25 |    |
|   | Վահագնյան Երվանդ   | անհետացած                          | 091 20 57 80 |    |
|   | Բաղդասարյան Գրիգոր | անհետացած                          | 099 02 36 44 |   |
|   | Համբարձում Աննա    | Երեսնամյա ԱՊԸ անդամ                | 094 82.85.09 |  |
|   | Դրամյան Շարաթ      | Տժժ անհ. կայք. և Դրամյան հիմնադրամ | 093 580 522  |  |
|   | Դանիելյան Արամյան  | Լրագրող                            | 093 422-744  |  |
|   | Աննա Մարգարյան     | Տժժ անհ. կայք. և Դրամյան հիմնադրամ | 095 111 287  |  |
|   | Տիգրան Երվանդյան   | ԱԼՏԱ և ԴՊԸ ԹԻՎ 24                  | 093 90 05 04 |  |
|   |                    |                                    |              |   |
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## Questions and answers – Aygehat

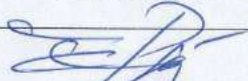


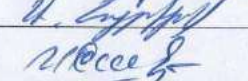
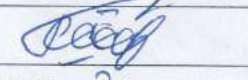

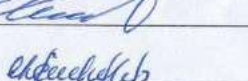
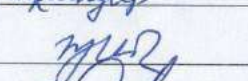

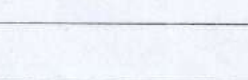
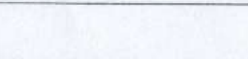
| Questions   | Answers   |
|---|---|
| M. – I am not the owner of the land and the building. The owner is my father. | In the near future it is envisaged to conduct an assessment to determine which part of the land is affected or whether the building is subject to acquisition, as well as the owners of properties. |
| M. – What shall we do, if the owners are not identified?                      | If it's not possible to identify the owners, the court proceeding is initiated that lasts a little longer.  |
| M. – How much is it envisaged to widen the road on both sides?                | In different parts, widening may be different, it's not fixed. The minimum width is 8.20 meters, but the width generally depends on the specifications of the area/location.                        |



ՄԵ ՎԱՆԱՁՈՐ-ԱԼԱՎԵՐԴԻ-ՎՐԱՍՏԱՆԻ ՍԱՀՄԱՆ ՄԻՋՊԵՏԱԿԱՆ ՃԱՆԱՊԱՐՀԻ ՎԵՐԱԿԱԳԼՍԱՆ ԵՒ ԲԱՐԵԼԱՎՍԱՆ ԾՐԱԳԻՐ

Համայնք Շիջեհաս

Ամսաթիվ 07.07.2017

| N | Անուն, ազգանուն    | Կարգավիճակ                                     | Հեռախոս      | Ստորագրություն  |
|---|--------------------|--|--------------|---|
|   | Հայան Բյուրջյան    | ՄԻՋՊԵՏԱԿԱՆ ՎԵՐԱԿԱԳԼՍԱՆ ՎԵՐԱԿԱԳԼՍԱՆ ՎԵՐԱԿԱԳԼՍԱՆ | 093 520 522  |    |
|   | Հանիկոսյան Նարեկ Հ | ՎԵՐԱԿԱԳԼՍԱՆ                                    | 077-99-99-64 |    |
|   | Վերնիկոսյան Եղիշ   | ՈՐՈՇԱԿ ՔԱՇԱԿ                                   | 085-21-05-25 |    |
|   | Կրտիչ Զարգար       | ԵՐԵՎԱՆԻ ՎԵՐԱԿԱԳԼՍԱՆ                            | 099 220 992  |    |
|   | Ջանիկոսյան Վահագն  | ՎԵՐԱԿԱԳԼՍԱՆ                                    | 094 5716-10  |    |
|   | Ջանիկոսյան Վահագն  | ԿԱՆԻՍՏԱՆԻ ՎԵՐԱԿԱԳԼՍԱՆ                          | 099 83 18 66 |    |
|   | Կիրակոսյան Վահագն  | ՎԵՐԱԿԱԳԼՍԱՆ                                    | 098-91-62-33 |   |
|   | Կապույտյան Վահագն  | ՎԵՐԱԿԱԳԼՍԱՆ                                    | 094-82-85 09 |  |
|   | Շահիկոսյան Վարդան  | ՎԵՐԱԿԱԳԼՍԱՆ                                    | 043-75-71-01 |  |
|   | Վահան Գրիգորյան    | ՎԵՐԱԿԱԳԼՍԱՆ                                    | 095 111 287  |  |
|   | Տիգրան Գրիգորյան   | ՎԵՐԱԿԱԳԼՍԱՆ                                    | 093 90 05 04 |  |
|   |                    |  |              |   |
|   |                    |  |              |   |
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## Questions and answers – Haghpat

| Questions   | Answers   |
|---|---|
| M. – What is the width of the road?   | Usually, the width of the road to be constructed is fixed, but as it is a rehabilitation of an existing road, so it depends on the location. For example, the existence of the river is an obstacle for the construction of a road with envisaged width. There is a minimum width, but it varies in different places.   |
| M. – When will the works start?   | It is necessary to conduct all the surveys, measurements, provide compensations, and only then the construction will be commenced.  |
| M. – How long will the Project last?  | The Project has a deadline, but various factors may influence the process by slowing or accelerating the work. For example, in the absence of any owner, it is not possible to sign a contract and as a result various procedures arise, which are time-consuming and can hamper the commencement of construction works. However, it is envisaged to implement the Project in the shortest terms possible.  |
| M. – Is it possible that the road will be closed due to the construction works?   | It is planned to change conditions for the traffic in order not to stop it completely. The road will be closed in the worst case, driving conditions are always provided.   |
| M. – Hotels may suffer due to the construction, fewer tourists start to visit. When the road will be destroyed, tourist buses can not travel any more.  | Construction works should be organized in such a way to minimize the impacts. In case of indirect impacts certain mitigation measures will be implemented (traffic management plan, alternative roads etc.).<br>The seasonal factor is taken into consideration when organizing the construction works.   |
| M. – In Haghpat community I have rented 1 ha land for 25 years and it will cost about 2 mln AMD to privatize it. I have already paid for 5 years. So, what to do – to leave it rented or to privatize it? | It is very important how much is acquired? It is necessary to take into consideration the expediency of privatization, that is, if a small part is acquired, then it is not expedient to privatize it. Specialists can calculate and advise on this matter.   |
| M. – In this area I have land plots, both privatized and rented. Is there a design on the basis of which I can understand which part of my property is being affected?                                    | Property valuation works will be carried out based on which the land plots subject to acquisition will be identified and protocols will be prepared. The Design will be approved by the GoA and Asian Development Bank. After that, a notice will be sent to the owners, with layouts of the affected parts attached to it, and acquisition and compensation process will start.<br>So, after corrections you can get clear information about both the affected areas and the amount of compensation. |
| M. – How is the compensation provided, if the land is leased from the community?  | Compensation for land is received by the community, and leaseholder receives market value + some % for depending from the years of lease remained.  |
| M. – Is there any compensation envisaged for relocation of structures?  | Cash compensation in replacement cost is provided and the owner can do it on his/her own. In addition, in case of damages to property during construction, the  |

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|  | property will be restored to its former condition.   |
| M. – If people need advice, who can they apply to for more profitable compensation? - You, advocates or others?  | For example, if people have problems related to documents, protection of their rights, legal support is provided under the Project. And compensations are provided according to the legislation and land acquisition plan. |
| M. – I recommend to organize the next public consultation before commencement of activities and to invite more people in order the works will be implemented faster. | In the near future, individual meetings are planned with each owner/user to collect data and have discussions.   |
| M. – When will the works start?  | After surveys a plan will be developed where complete and detailed information on impacts will be provided. The terms of the work also depend on the timeframe of the Government decision-making on Eminent Domain.        |
| M. – Wasn't it possible to start this work two years ago?  | In order the process could started two years ago, it was needed to have relevant decrees.  |



ՄԵ ՎԱՆԱԶՈՐ-ԱԼԱՎԵՐԴԻ ՎՐԱՍՏԱՆԻ ՄԱՀՄԱՆ ՄԻՋԴԵՏԱԿԱՆ ՃԱՆԱՊԱՐՀԻ ՎԵՐԱԿԱՆԳՆՄԱՆ ԵՒ ԲԱՐԵԼԱՎՄԱՆ ԾՐԱԳԻՐ

Համայնք Կարաբաղ

Ամսաթիվ 06.07.2017.

| N | Անուն, ազգանուն      | Կարգավիճակ                        | Հեռախոս                    | Ստորագրություն |
|---|----------------------|-----------------------------------|----------------------------|----------------|
|   | Առնես Գրգուրյան      | ՏԾԿ, Սոց. ապր. կարգ. ծառ. ղեկավար | (095) 111 287              | Գրգուրյան      |
|   | Գրիգոր Գրգուրյան     | ԲԱ Ենոչյ ԲՆՆՆՆՆՆ                  | 099 220 992                | Գր. Գրգուրյան  |
|   | Տիրուհի Գրգուրյան    | ԱԼՏԱ ԿԻՊՈՐ                        | 093 900 504                | Տ. Գրգուրյան   |
|   | Տիրուհի Գրգուրյան    | ՏԾԿ, Սոց. ապր. կարգ. ծառ. ղեկավար | 093 500 502                | Տ. Գրգուրյան   |
|   | Գրիգոր Գրգուրյան     | ԲԱ Ենոչյ ԲՆՆՆՆՆՆ                  | 093-800-941<br>093-800-940 | Գր. Գրգուրյան  |
|   | Սարգսյան Կարաբաղյան  | Կարգ. ղեկավար                     | 098 08-06 18               | Ս. Կարաբաղյան  |
|   | Շահբաբյան Գրգուրյան  | Կարգ. ղեկավար                     | 099-59-92-97               | Շ. Գրգուրյան   |
|   | Հիմարյան Վրգեստ      | Առնես Գրգուրյան                   | 091-72-17-39               | Հ. Գրգուրյան   |
|   | Միհրան Կարաբաղյան    | Առնես Գրգուրյան                   | 094-23-21-70               | Մ. Կարաբաղյան  |
|   | Միհրանյան Կարաբաղյան | Առնես Գրգուրյան                   | 099-16-33-79               | Մ. Կարաբաղյան  |
|   | Առնես Կարաբաղյան     | Կարգ. ղեկավար                     | 093-92 853 2               | Գ. Առնես       |
|   | Գրգուրյան Կարաբաղյան | Կարգ. ղեկավար                     | 099-249-249                | Գ. Կարաբաղյան  |
|   | Առնես Կարաբաղյան     | Կարգ. ղեկավար                     | 094.82.85.09               | Ա. Կարաբաղյան  |

## Questions and answers – Neghoc

| Questions  | Answers  |
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| M.- Being familiar with the area, I can say that it is possible to do so that not many properties are acquired and consequently to have little impact. For example, it is necessary to acquire 2 meters from my land, but I see that it is possible to take 4 meters from another place and leave my part. | In addition to the road design, one of the main objectives of the designers is to avoid impact as much as possible, but sometimes for some technical reasons it has not been fully minimized. At the end of the meeting, each case will be separately addressed to understand in which cases it is possible to minimize the impact. In some cases it is not possible to make changes as it will require changes also in the overall design. However, there may be cases when they can be changed after examination and actual measurement. |
| M.-The main lands are located between the river and the road, and agricultural works are mainly carried out near the road.   | The use of lands will be clarified through the measurement and inventory survey.   |
| M.- Where can we get the final affected land codes?  | The affected land codes are not clarified yet and for this purpose measurement works will be implemented, which will enable to understand which lands are subject to acquisition. They will be compared with cadastral lists and discrepancies will be identified, corrections will be made based on which the final list will be developed. This will be followed by other works, such as census and inventory surveys etc.   |
| M.- There are five names in the ownership certificate. Three out of five persons are in Russia, and their signature is required for acquisition. How is this issue resolved?   | Very often an agreement is reached, but suddenly problems occur in the documentation stage. Absent owners are requested to issue a power of attorney to carry out the transaction. In the absence of a power of attorney, the process comes to a deadlock. According to the procedure, the acquisition contract should be presented to all owners, otherwise the court proceeding must be initiated.   |
| M.- How do we know who the owners are?   | In case the acquisition contract is available, they are sent to the owners. The contract must be concluded within three months, and if the acquisition process does not commence due to the breach of the term, the issue is submitted to the court for judicial settlement.   |
| M. – If the owner does not agree, what happens?  | In that case expropriation procedure is initiated. In this process the main function of the court is to make a decision on the subject of disagreement on compensation. If the court determines that the amount of compensation is calculated incorrectly, it will be updated based on that decision.  |
| M. –Is the amount compensated individually, in case of co-ownership?   | The amount is calculated in total, but compensation is provided to the co-owners as they prefer: if agreed with everyone, the total amount can be transferred to the bank account of one of the co-owners or individually - to their personal accounts. The accounts necessary for compensation are opened within the framework of the Project if the owners do not have their accounts.   |
| M.- If one of the co-owners receives social welfare payment, then how is it calculated?  | The household is considered as vulnerable and calculations are done correspondingly as already presented.  |



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| M.- When will the construction commence?  | After effective completion of the acquisition and compensation process.  |
| M.- Will the road be closed during the work?  | During construction, everything is done to minimize any inconvenience that it may cause. In case the road is closed, there are two options that can be applied: 1) there should be an alternative road; 2) the road should be closed for very short period. In exceptional cases, the road is completely closed, for example, in case of tunnels. Here there is no such problem and it is possible, for example, to implement works on the right side of the road, and to provide the traffic flow along the left side, especially in the absence of an alternative road. This will be regulated by traffic management plan of the Contractor. |
| M. – Will the other section of the road have been completed by 2019?  | The other section will be completed earlier, as the pavement works have already been started, but this section is not planned yet.   |
| M. –Is it planned to start this section in 2018.  | It's planned that acquisition process will have been implemented by the end of 2017 or beginning of 2018. However, as it will be winter, some difficulties may occur.  |
| M. –The main water line is currently on the side of the road. How will this issue be solved?  | The Project implementation includes relocation of all adjacent infrastructures/utilities as well as their restoration. The road will not be only widened from both sides (right and left) but in some sections it will be raised and lowered so that the slope of the road will correspond to certain standards. In Vanadzor-Tumanyan section (raised and lowered section) some excavation works were redone not to leave the pipe out.  |
| M.-Is the width of the road the same here?  | Approximately it is maintained 7 m, but there are places that it can not be provided, as there is a river on one side and a mountain on the other.   |
| M.-How wide is it at the moment?  | There are places which are widened more and consequently a sidewalk may be added.  |
| M.-How wide is the sidewalk?  | It is constructed 1 m in Pambak. Detailed information on the Design will be provided after survey and measurement works.   |
| M.-Will the experts meet us?  | All specialists, experts will inform you on the planned visit and make arrangements in advance. It's very important that all the owners/users will be present, as the information contained in the description protocol should be collected together with the owner to avoid inaccuracies and disagreements.   |
| M. – In Vanadzor section there are a lot of potholes which damage vehicles and cause accidents. Isn't it possible to implement pothole patching works, as it is a serious problem for unfamiliar drivers, especially after rain when the potholes become invisible. | Although this issue is not directly related to our responsibilities, however, all the issues raised by the participants during the public consultations are recorded for further investigation.  |
| M.-Due to the construction works traffic flow has stopped along this road, and I have to close my car wash. I wonder when the calculations will be done to receive compensation?  | Approximately in 10 days the specialists will start the measurement works, as it is divided into sections and that schedule is provided for that section. Based on the measurements, the cadastral map corrections will be made and affected land plots, buildings, property, as well as business impacts etc., as well as owners and users will   |

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|  | be identified. After preparing the list, it is planned to conduct interviews with the owners to get the necessary socio-economic data. Agronomists will be included as well. After completion of survey, acquisition and compensation will be implemented and then construction will start.  |
| M.-My employee (working for 5 years), left the job last month. Will it be considered when compensating?                                    | Compensations are provided on the basis of the signed protocol containing the information received through the survey being carried out at the moment, and the previously existing information is not fixed.   |
| M.-The employee left because of the road.  | The problem is that it's difficult to determine when and why exactly this person left, one or two months ago.  |
| M.- It's registered when the employee left.  | But the question related to the objective reasons for leaving may occur. Also, the issue raised by you has no direct impact on the land. In case of indirect impacts, the Project does not envisage compensation, but certain mitigation measures may be taken to minimize those impacts.  |
| M.-May be we have planted a tree on the roadside. Is it subject to compensation?   | Under the Project compensation is provided for 3 groups of people: 1) owners, 2) leasholders and 3) legalizable or non-legalizable persons, who use the land without formal legal rights. For the people of the last group it is envisaged to provide compensation for the improvements they have made on the affected land, but a community reference is needed with confirmation of the fact of usage.   |
| M. – Who gets the compensation for the land, if the owner is a community? For example, for a natural forest that belongs to the community. | Compensation for the land is paid to the community. The project also includes the assessment of environmental impacts. Relevant measures are envisaged for the protection of the community environment. For example, in case a tree is cut, and it is not compensated, but again planted for example with 1:10 ratio.  |
| M. – And how is the tree compensation calculated?  | The tree is assessed based on the type and productivity, for example, 6 years old apple tree, 10 years old apricot etc., which will be assessed by the agronomist with direct involvement of the owner. The tree is also assessed according to its foliage, which means that 10 years old tree may not meet the standards and the agronomist must fix it as 6 years old. This is done in order to assess the yield. Then it is calculated how many years are needed for a tree to become productive, and the number of years is multiplied by the volume of yield and average market value of the yield. The data on the yield average value are provided by the State Statistical Service of the Republic of Armenia. Compensation is calculated for decorative, wood trees as well, for which there is a special methodology as presented. |
| M.-May be there are several trees on my land plot, but I have spent money to build a retaining wall. Will it be compensated?               | Improvements made on the land plots, including the retaining wall, will be compensated. Even in case of improvements made on community land, the community provides a relevant reference and compensation is paid to the person who has made the improvements.   |

M.-When shall we get the detailed information?

In case of smooth implementation of all procedures, it is possible to provide information to owners within a month.



ՍԵ ՎԱՆԱԶՈՐ-ԱՆԱՎԵՐԴԻ-ՎՐԱՍՏԱՆԻ ՍԱՀՄԱՆ ՄԻՋՊԵՏԱԿԱՆ ՃԱՆԱՊԱՐԶԻ ՎԵՐԱԿԱՆԳՆՄԱՆ ԵՒ ԲԱՐԵԼԱՎՄԱՆ ԾՐԱԳԻՐ

Համայնք Ջեղուց

Ամսաթիվ 05.07.2017

| N | Անուն, ազգանուն    | Կարգավիճակ                     | Հեռախոս | Ստորագրություն |
|---|--------------------|--------------------------------|---------|----------------|
|   | Անուն Գրիգորյան    | ՏԻՎ Կար. ապ. (095) 111 287     |         |                |
|   | Անուն Խոսրոսյան    | Անուն Խոսրոսյան (094 82 85 09) |         |                |
|   | Անուն Գրիգորյան    | ՏԻՎ Կար. ապ. (093 580 522)     |         |                |
|   | Խոսրոս Բաղդասարյան | Անուն Խոսրոսյան (094 51 37 87) |         |                |
|   | Խոսրոս Բաղդասարյան | Կար. ապ. (096 39 69 90)        |         |                |
|   | Խոսրոս Բաղդասարյան | Անուն Խոսրոսյան (097 60 62 32) |         |                |
|   | Անուն Գրիգորյան    | Կար. ապ. (093 40 98 81)        |         |                |
|   | Անուն Գրիգորյան    | Կար. ապ. (097 85 49 00)        |         |                |
|   | Խոսրոս Բաղդասարյան | Կար. ապ. (099 220 992)         |         |                |
|   | Անուն Գրիգորյան    | Անուն Խոսրոսյան (097 60-38-93) |         |                |
|   | Տ. Բաղդասարյան     | ԱՆՏԱ ԿԱՐ. ԱՊՐ. (093 900 504)   |         |                |
|   | Անուն Գրիգորյան    | Անուն Խոսրոսյան (093-87-44-54) |         |                |
|   | Անուն Գրիգորյան    | Անուն Խոսրոսյան (094 55 97 50) |         |                |



## Questions and answers – Odzun

| Questions   | Answers   |
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| M. – We have a production in our residential area. Is that subject to acquisition?  | The actual survey will reveal the affected part and the property to be acquired. It is possible to acquire only some part of the land, but the building will remain.  |
| M. – We cut the trees and made a platform (square) on that land. Is it subject to compensation?   | It is improvement which is compensated for enough money so that it will be possible to make the same improvement somewhere else.  |
| M. – If business activity is not registered in the tax system, how is the compensation calculated?                                      | If the business operates illegally, i.e. there is no tax declaration, the compensation is calculated based on the minimum salary. In case of permanent impact on business, the compensation will be provided for 1 year, in case of temporary impact, for the period of business stoppage.        |
| M. – Is household considered to be people living under the same roof?   | Household is understood to be people living with the common budget.   |
| M. – So, we understand that our disagreement and complaints will be raised mainly after the measurements. What could it be before that? | All owners are informed in advance of their rights, so they can take the appropriate measures in case of disagreement that may occur further. Perhaps there is a disagreement or an agreement have been reached over the compensation amount, however, problems with the documentation can emerg. |



ՄԵ ՎԱՆԱԶՈՐ-ԱԼԱՎԵՐԴԻ-ՎՐԱՍՏԱՆԻ ՄԱԶՄԱՆ ՄԻՋՊԵՏԱԿԱՆ ՃԱՆԱՊԱՐԶԻ ՎԵՐԱԿԱՆԳՆՄԱՆ ԵՒ ԲԱՐԵԼԱՎՄԱՆ ԾՐԱԳԻՐ

Համայնք Օշակ

Ամսաթիվ 07.07.2017.

| N | Անուն, ազգանուն        | Կարգավիճակ      | Հեռախոս            | Ստորագրություն |
|---|------------------------|-----------------|--------------------|----------------|
|   | Հարություն Բաղդասարյան | Վճարված, առկա է | 093 580 582        |                |
|   | Վահագն Բաղդասարյան     | Վճարված, առկա է | 091 764 550        |                |
|   | Դավիթ Բաղդասարյան      | Վճարված, առկա է | 094 83 85 09       |                |
|   | Բյուրիս Բաղդասարյան    | Վճարված, առկա է | 059 220 - 992      |                |
|   | Արմեն Բաղդասարյան      | Վճարված, առկա է | 093 88 - 73 - 79   |                |
|   | Վահագն Բաղդասարյան     | Վճարված, առկա է | 055 - 21 - 05 - 25 |                |
|   | Վահագն Բաղդասարյան     | Վճարված, առկա է | 095 111 287        |                |
|   | Վահագն Բաղդասարյան     | Վճարված, առկա է | 093 90 05 04       |                |
|   | Դավիթ Բաղդասարյան      | Վճարված, առկա է | 093 566 720        |                |
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|   |                        |                 |                    |                |
|   |                        |                 |                    |                |

## Questions and answers – Shnogh, Karkop

| Questions  | Answers  |
|--|--|
| M.- If the person agrees that the territory will be acquired, then why is eminent dominant recognized?   | The state can not buy land for any purpose, that is, there are certain provisions under which only the state can buy land.<br>The basis for acquiring the area is the GoA decree on Eminent Domain.  |
| M. – In determining the compensation cost, who will determine the market value and on what principles?   | Evaluation criteria are defined in accordance with the law on real estate. Additionally, there is a real estate valuation standard which provides a more detailed description of how assessment works should be carried out. Information on sales prices of similar lands, property etc. at the moment is also used for the assessment. Cadastral data are also taken into account from which repeated versions are separated which is called “typical value” (average).<br>On the basis of these, licensed evaluator assess and calculate the cost of compensation according to the project provisions. |
| M. – Isn't it possible that the versions that are left out from cadastral values would be real?  | It is possible, but its probability is low. It's also possible that data on the land plots located on the edge of the street are not available, instead the data on the plots located a little inside could be found. Surely, those located on the edge of the street are more expensive and then the valuator uses the adjusting coefficients.  |
| M. – What is the envisaged width of the road?  | The width is not standard because of location peculiarities.   |
| M. - Are all the roads under the control of the RA Ministry of Transport, Communication and Information Technologies? The problem is that cadastral measurements were made in 2002 and there are inaccuracies. I am now facing the fact that access to my house will be closed and I have just been informed about it. | The interstate roads are under the control of the RA Ministry of Transport, Communication and Information Technologies.<br>It is possible that there are discrepancies between cadastral data and the current situation, and that is why it is envisaged to conduct a survey, make measurements, and only then the property will be acquired and compensated. The presence of owners is also required during the works, so that everything will be clear and understandable.   |





Մ6 ՎԱՆԱԶՈՐ-ԱԼԱՎԵՐԴԻ-ՎՐԱՍՏԱՆԻ ՄԱՀՄԱՆ ՄԻԶՊԵՏԱԿԱՆ ՃԱՆԱՊԱՐՀԻ ՎԵՐԱԿԱՆԳՆՄԱՆ ԵՒ ԲԱՐԵԼԱՎՄԱՆ ԾՐԱԳԻՐ

Համայնք Շնոր

Ամսաթիվ 06.07.2017

| N | Անուն, ազգանուն   | Կարգավիճակ             | Հեռախոս         | Ստորագրություն |
|---|-------------------|------------------------|-----------------|----------------|
|   | Մանգո Սիմոնյան    | Շնորից մայ. անգ. 4     | 093 510 512     |                |
|   | Սեդեա Խամբարչյան  | Շնորից մայ. անգ. 4     | 094. 82. 85. 09 |                |
|   | Սևակ Խաչատրյան    | ՏԵԿ Երկ. անգ. 4-ան.    | 095 111 237     |                |
|   | Սարգսի Քարամանյան | Շնորից մայ. անգ. 4-ան. | 091-35-97-82    |                |
|   | Քերիսի Քերիսյան   | Շնորից մայ. անգ. 4-ան. | 099-60-56-96    |                |
|   | Սեդեա Լավաթյան    | Շնորից մայ. անգ. 4-ան. | 094844880       |                |
|   | Սեդեա Լավաթյան    | Շնորից մայ. անգ. 4-ան. | 093262191       |                |
|   | Քերիսի Քերիսյան   | Շնորից մայ. անգ. 4-ան. | 095204797       |                |
|   | Սեդեա Լավաթյան    | Շնորից մայ. անգ. 4-ան. | 077-11-64-15    |                |
|   | Սեդեա Լավաթյան    | Շնորից մայ. անգ. 4-ան. | 094-68-54-52    |                |
|   | Սեդեա Լավաթյան    | Շնորից մայ. անգ. 4-ան. | 077. 54 14 82   |                |
|   | Սեդեա Լավաթյան    | Շնորից մայ. անգ. 4-ան. | 099 95 99 06    |                |
|   | Սեդեա Լավաթյան    | Շնորից մայ. անգ. 4-ան. | 095 12 25 25    |                |
|   | Սեդեա Լավաթյան    | Շնորից մայ. անգ. 4-ան. | 077 41 24 34    |                |



ՄԵ ՎԱՆԱՁՈՐ-ԱԼԱՎԵՐԴԻ-ՎՐԱՍՏԱՆԻ ՍԱՀՄԱՆ ՄԻՋՊԵՏԱԿԱՆ ՃԱՆԱՊԱՐՀԻ ՎԵՐԱԿԱՆԳՆՄԱՆ ԵՒ ԲԱՐԵԼԱՎՄԱՆ ԾՐԱԳԻՐ

| N | Անուն, ազգանուն     | Կարգավիճակ | Հեռախոս      | Ստորագրություն |
|---|---------------------|------------|--------------|----------------|
|   | Հովսեփյան 2 Գրիգոր  | անհամարձակ | 098 105193   | ԶԵ             |
|   | Արթուր Մկրտչյան     | անհամարձակ | 094 47 43 44 | ԴԵՄ            |
|   | Խոսրովյան Գարիկ     | անհամարձակ | 098 007.888  | ԳԵՄ            |
|   | Անդրեյան Սեդրակ     | անհամարձակ | 077.85.45.09 | ԱԵԴ            |
|   | Կարապետյան ԱԼԵԽԱՆԴՐ |            | 093862451    | ԲԵՄ            |
|   | Պարթևյան Ջուլիա     | անհամարձակ | 095 737500   | ԴԵՄ            |
|   | Գրիգոր Եսայան       | գրադ կրի   | 093 794565   | Ե.ԵԼԿ          |
|   | Բեկ Ղազարյան        | 8 Ծրեկյան  | 095111584    | ԳԵՄ            |
|   | Զեյնալ Զեյնալյան    | անհամարձակ | 095.14.96.26 | ԲԵՄ            |
|   | Սարգսյան Երվանդ     | ՈՂԼԿ ընթ.  | 055-210525   | ԴԵՄ            |
|   | Տիգրան Գրիգորյան    | ԱԼԵԽԱՆԴՐ   | 093900504    | Ե.ԵԼԿ          |
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**M6 VANADZOR-ALAVERDI-GEORGIAN BORDER INTERSTATE ROAD  
REHABILITATION AND IMPROVEMENT PROJECT**  
**Information leaflet on Land Acquisition and Resettlement Issues Provided To APs  
During Public Consultation**

July, 2017

**Project financing and implementation**

- The M6 Vanadzor–Alaverdi–Georgian Border Interstate Road Rehabilitation and Improvement Project (hereinafter: Project) will be implemented by Transport PIU of the Ministry of transport and communications.
- Km 38 + 450-Km 90+190 section of the Project is co-financed by the Asian Development Bank (ADB).

**Expected project LAR impact**

- The all rehabilitation works mainly will be implemented in frame of the existing Project highway, however, in some cases the new alignment also includes realignment or widening, which will require and necessity of land acquisition, resettlement and relocation.

**Preparation of Land acquisition and resettlement plan (LARP)**

- Within the framework of co-financing, the TPIO is carrying out a preparation of LARP, the main objective of which is:
  - to identify any land acquisition and resettlement impact and affected persons related to the rehabilitation and improvement of roads under the proposed Project,
  - to develop applicable mechanisms, procedures and compensation entitlements for the land acquisition and resettlement in accordance with the requirements of ADB safeguards policy and the RA legislation.

**Land Acquisition and Resettlement Plan (LARP)**

- Defines the legal framework of land acquisition and resettlement in RA (including the comparison of requirements of RA legislation and ADB safeguard policy),
- Presents the main types of possible impacts of the Project (land, structures, crops, trees etc.),
- Clarifies the entitlement matrix and valuation principles in frame of land acquisition and resettlement in RA,
- Describes the groups of possible affected persons (owners, renters, illegal users),
- Presents the phases of land acquisition and resettlement implementation and institutional arrangements,
- Describes the grievance redress process in different levels (community, TPIO, MOTCIT),
- Presents the requirements of monitoring (internal and external) of land acquisition and resettlement activities,
- Describes the process of public consultation and information disclosure during the land acquisition and resettlement activities

**Types of losses (impacts) to be compensated under the Project LARP**

- Agricultural and non- agricultural land plots
- Residential and non-residential buildings and structures
- Yield / crops and trees
- Temporary and permanent termination (impact) of business and employment
- Physical relocation
- Public structures and utilities



- Unforeseen impacts
- Assistance/Allowances to vulnerable groups

### **Affected persons (APs) eligible for compensation or at least rehabilitation/restoration under the Project**

- APs losing land either covered by legal title/land rights or without legal status, including the leaseholders
- Owners of structures, crops, trees or other fixed assets (objects attached to the land), leaseholders who made some improvements and unregistered users,
- APs losing their businesses, income, salaries and jobs,
- Employees of affected businesses.

### **Compensation eligibility and entitlements**

#### **Land loss**

- ✓ Owners will be compensated in cash at the replacement value +15% either at market rates or cadastral values (whichever is higher).
- ✓ Legalizable APs, in the cases prescribed by law, will obtain property rights or register their rights possessed (will be legalized) and be compensated as titled owners.
- ✓ Leaseholders (community, state), in the cases prescribed by law, will obtain property rights (will be legalized) and be compensated as titled owners, or they may be given a new lease with the consent of the lessor. If this is not possible, they will receive compensation equal to “the market or cadastral value of affected land (whichever the highest) + 15%” in the following proportions according to the remaining years of the lease: 1) < 1 year 5%; 2) < 15 years 14%; 3) < 25 years 20%; 4) > 25 years 25%.
- **Loss of residential buildings/structures**
  - ✓ For the loss of residential buildings/structures, all affected households (AHs) irrespective of their rights to the structure (including legalizable or non-legalizable APs) will be compensated at replacement cost plus 15% allowance. Compensation is free of deductions for depreciation, transaction costs. In case of partial impacts compensation will be given only for the affected part if the further use and operation of the non-affected part of the building is technically possible. In this case the repair costs of the building should also be reimbursed.
- **Loss of non-residential buildings/structures**
  - ✓ For the loss of **buildings/structures**, owners will be compensated at replacement cost plus 15%. Compensation is free of deductions for depreciation, transaction costs. In case of partial impacts compensation will be paid only for the affected part if the further use, operation and acquisition of the non-affected part of the building is legally possible. In this case the repair costs of the building should also be reimbursed.
  - ✓ APs which have non-legal buildings/structures built on the legal land, in case of loss of non-legal buildings/structures will be paid cash compensation for loss of building at full replacement cost but without 15% allowance.
  - ✓ APs which have non-legal buildings/structures built on the community or state lands will be paid rehabilitation allowance equal to replacement cost minus the legalization costs.

- **Crop losses:** All AHs, regardless of their legal status and property rights, will be compensated for crop losses. Crop compensation is calculated at market prices for the expected gross crop.
- **Tree and harvest loss:** All AHs, regardless of their legal status and property rights, will be compensated for tree and harvest losses. Cash compensation is calculated at market rate based on the type, age and productivity of the trees.
- AHs who have made **improvements** will be compensated at replacement cost.
- **Permanent or temporary business and employment loss:**
  - ✓ In case of permanent and temporary termination of business cash indemnity of 1-year net income is provided based on tax declaration (permanent impact) or months of business stoppage (temporary impact). In the absence of tax declaration, the calculation will be based on the minimum monthly salary.
  - ✓ In case of permanent loss of employment of APs working at affected companies or private businesses (individual entrepreneur) will be compensated in the amount of their average salary for 6 months of business stoppage, if the employment contract is terminated because of business stoppage located in the affected land. In case of temporary loss of employment, compensation will be based on the principle of months of business stoppage.
  - ✓ The Plan also envisages rehabilitation/restoration allowances for severely affected, relocated and vulnerable households.

#### **Main stages of LARP finalization and approval**

- Verification and updating of the list of affected properties based on final approved road detailed design
- *Adoption of RA government decree on Eminent Domain for the affected properties*
- Actual measurement of affected lands and buildings
- Census and socio-economic survey of AHs
- Inventory and description of all affected properties and improvements
- Development of description protocols for the affected properties and improvements and their signing with APs
- Valuation of compensation and allowances for all type of losses
- Preparation of final LARP and its approval by EIB and the RA government.

#### **Grievance Redress Mechanism**

The AP has the right to appeal, clarify any decision or action that relates to land acquisition and resettlement process. To ensure this right, a grievance redress mechanism has been developed which works in the following stages:

1. You may submit your complaint to the Transport Project Implementation Organization (TPIO) through a relevant community representative or a grievance focal point (below are the possible ways for applying). The TPIO will examine the complaint and issue a formal response no later than within 5-30 days after receiving the complaint. Upon your request the TPIO may re-examine the complaint involving the Grievance Review Group (GRG), which may involve different specialists and stakeholders related to the complaint. The GRG will examine your complaint and present its position to you and the Acquirer within 10-30 days.

In addition, in the event of problems and questions encountered during the construction, you may lodge your complaint with the Contractor's site office or Technical supervisor.

2. In case you are not satisfied with the decision made by TPIO or GRG, you may address your grievance to the Ministry of Transport, Communication and Information Technologies (MTCIT) (below are the possible ways for applying). The MTCIT will examine your complaint and present its position on it within 30 days.
3. In case the Grievance redress mechanism fails to satisfy your complaint, you have the right to submit your case to a court of law. At the same time the mechanism does not restrict your right to apply to the court and other state agencies at any point in time of the grievance process.

|  |
|--|
| <b>How to apply to the "Transport Projects Implementation Organization" SNCO</b> |
|--|

Address: 4 Tigran Mets street, 3rd floor  
Yerevan 0010, Republic of Armenia  
Tel.: (+37412) 201009, 201010  
E-mail: info@tpio.am

|  |
|--|
| <b>How to apply to the Ministry of Transport, Communication and Information Technologies (MTCIT)</b> |
|--|

Address: 28 Nalbandyan street  
Yerevan 0010, Republic of Armenia  
Tel.: (+37410) 59-00-17  
E-mail: info@mtcit.am

# MAIN PHASES OF LAND ACQUISITION AND RESETTLEMENT PROCEDURE

## A. DESIGN

- The design of the road rehabilitation and improvement is ready.
- Construction works are in progress.

## B. ORGANIZATION OF PUBLIC CONSULTATION

- Specialists from Project Implementation Unit will visit your community.
- You will be informed on the phases of acquisition procedure, your rights in acquisition procedure and principles of compensation, as well as on the discussion mechanism in case of potential grievances.

## C. DETAILED MEASUREMENT SURVEY

- Internal and external measurements of properties and land plots.
- Site inventory of properties and land plots, photo and video recording
- Site inventory and calculation/registration of trees and crops.
- Inventory and registration of improvements.
- Conducting a census and socio-economic survey.
- Collection and scanning of necessary documents related to APs properties and land plots.
- Clarification of list of affected properties.
- Drawing up the description protocols on the properties and land plots.

### 1. MEASUREMENT OF LAND PLOTS AND STRUCTURES

- Your structures and land plots are measured.
- During the measurement process your presence is kindly requested.
- As a result of measurement may be discovered newly affected land plots and some of land plots may be eliminated from the list of expropriated land plots.

### 2. CENSUS AND SOCIO-ECONOMIC SURVEY

#### Census

- All your family members are described.

- The information does not impact on the size of compensation.

#### Socio-economic survey

- Questionnaire for description of affected households will be filled in with all the affected families.
- The survey is anonymous.
- Results of surveys will not impact on the size of compensation.

### 3. DESCRIPTION OF PROPERTY

- Described are properties, land plots, buildings/structures, crops, fruit trees and decorative trees that are subject to expropriation.

## D. EMINENT DOMAIN

- The properties, which are clarified to be affected in the result of preliminary study, will be recognized by the RA Government decree as Eminent Domain.
- the RA Government decree on the Eminent domain will be sent to all affected persons.

## ACKNOWLEDGMENT OF EMINENT DOMAIN AND PREPARATION OF LARP

- Signing of property description protocols and their notification.
- Valuation of property and calculation of compensation.
- Preparation of land acquisition and resettlement plan.

### 1. PREPARATION AND SIGNING OF PROPERTY DESCRIPTION PROTOCOL

- Based on the information provided by you, and according to the results of the surveys conducted in the community, there will be prepared the property (land, building/structure, business) description protocols.
- Make sure that you provided copies of all the required documents.
- Protocol will be provided to you for your signature. Make sure that your property is properly/correctly described.

- A copy of the official notification will be sent to you via post mail after the implementing agency will sign the document.

### **2. VALUATION OF PROPERTY, CALCULATION OF COMPENSATION**

- Based on your property description protocol, which was signed by you, the property valuation process will commence.
- Your questions about principals of valuation process you can ask during Public consultation meeting.

### **3. PREPARATION OF LAND ACQUISITION AND RESETTLEMENT PLAN (LARP)**

- In the plan will be presented general principals of compensation, possible impact of the plan and total compensation budget.
- LARP will be approved by the European Investment Bank and the RA Government.

## **E. IMPLEMENTATION OF LAND ACQUISITION AND RESETTLEMENT PLAN**

- The implementation of LARP means signing the alienation contracts with all the APs described in the LARP and provision of compensations to the APs as per the following phases:

1. Preparation of property alienation draft contract/agreement and its notification.
2. Signing/entering into force of the property alienation contract/agreement and transfer of compensation.
3. In the event of not signing/entering into force the property alienation contract, the expropriation of property judicially/via court.

### **1. PREPARATION OF PROPERTY ALIENATION DRAFT CONTRACT AND ITS NOTIFICATION**

- Preliminary contract will be presented to you.
- Check the content of the contract and present your objections within the period of time prescribed by the law.
- Fill out the required information, for example bank account.
- If information on your bank account is missing, Project Implementation Unit will open bank account registered in your name.

### **2. SIGNING THE PROPERTY ALIENATION CONTRACT AND TRANSFER OF THE COMPENSATION**

- The contracts will be signed with you.
- Compensation amount will be transferred to your bank account.

### **3. EXPROPRIATION OF PROPERTY JUDICIALLY/VIA COURT**

- The expropriation of property judicially/via court will be implemented in case if:
- (1) AP announces his/her disagreement and refuses to sign the property alienation contract; and/or (2) signing of the contract is not possible due to absence of conditions prescribed in the legislation
- expropriation of property judicially/via court will be implemented in the following phases:
  - compensation amount will be transferred to the court's deposit account.
  - in case if acquirer/recipient will not withdraw the amount from the account during 7 days period of time, he/she has to apply to the court with a claim on expropriation.
  - the land will be expropriated by the court decision.

### **Contact details**

#### **"Transport Projects Implementation Organization" SNCO**

Address: 4 Tigran Mets street, 3rd floor  
Yerevan 0010, Republic of Armenia  
Tel.: (+37412) 201009, 201010  
E-mail: info@tpio.am

## **APPENDIX 6. Project Information Pamphlet**



**ASIAN DEVELOPMENT BANK (ADB)  
M6 Vanadzor–Alaverdi–Georgian Border  
Interstate Road Rehabilitation and Improvement Project**

**(Km 38.450-Km 90+190)**

**LAND ACQUISITION and RESETTLEMENT PLAN**

**PROJECT INFORMATION PAMPHLET**

**November 2017**

## 1. BACKGROUND

The Asian Development Bank (ADB) has agreed to co-finance the M6 Vanadzor-Alaverdi-Georgian Border Interstate Road Rehabilitation and Improvement Project (hereinafter: Project) with the European Investment Bank (EIB). EIB has engaged an international consultant to complete a feasibility study, environment and social impact assessment, and detailed engineering design. The project road is about 90 km long. Section 1 (Km0+000-Km38+450) is financed by EIB (EIB-financed road section); and section 2 (Km38+450-Km91+190) is financed by ADB (ADB-financed road section). The Project will have no extensive land acquisition and building demolition impacts. This Land Acquisition and Resettlement (LAR) Plan (LARP) has been prepared by the Ministry of Transport, Communications and Information Technologies (MTCIT) of Armenia, the Project's Executing Agency (EA), to plan and implement LAR for the Project.

This LARP is based on the requirements of appropriate laws and regulations of the Republic of Armenia and ADB's Safeguards Policy Statement (SPS) of 2009 Preparation and implementation responsibility for this LARP rests on MTCIT.

## 2. IMPACTS SUMMARY

The LARP identified 172 project affected households (AH), including owners and users of the lands/buildings, with a total of 492 household members.

In total, the Project will acquire 444 land plots from 168 AHs covering 526,018,54 m<sup>2</sup> in 12 communities. The impact on privately owned land plots is 15,739.3 m<sup>2</sup>, community land plots is 177,197.8 m<sup>2</sup> and the land plots belong to RoA is 332,946.34 m<sup>2</sup> and 3 land plots measuring 135,1 m<sup>2</sup> are not identified by ownership status. In general, the Project affects only 3% of private owned lands in comparison with the total surface of lands (for all types of lands) in the Project affected zone. For community lands this percent is 33.7% and for RA lands is 63.3%.

The breakdown of affected land plots by Lots, communities and ownership status is shown below in table B. The 216 (48.7%) of totally affected 444 land plots are concentrated in Lot 1 and 114 (26.1%) and 112 (25.2%) in Lot 2 and Lot 3 respectively.

The Project road alignment has directly impacted 77 structures with 1,032,07 m<sup>2</sup> on 55 land plots, out of which 45 are residential and 32 are non-residential structures. By the size of the affected surface area, the impact on residential structures (715,67 m<sup>2</sup>) is more significant than in case of non-residential structures (316,40 m<sup>2</sup>). 12 residential houses with their support structures (22 structures with 177,3 m<sup>2</sup>) in Alaverdi, Aygehat and Odzun communities are affected by the Project. Out of these 12 residential houses only 6 will be physically relocated (multi-dwelling building), as the others are not actually inhabited. The remaining 45 structures with 715,67 m<sup>2</sup> are affected without the loss of the main building (house).

The Project will affect 6 movable structures with 118.3 m<sup>2</sup> surface, of which the metal kiosk, metal construction and metal house will be relocated. A total 2,398,24 m<sup>2</sup> fences will be affected by the Project, of which 84,5 m<sup>2</sup> of In-situ r/c and 2,266,57 m<sup>2</sup> of stone fences, as well as 47,17 m<sup>2</sup> of walls made by basalt and stone.

Only 1 business is permanently affected by the project. The affected business is a small grocery store located in Alaverdi city near the Sanahin Railway station. It is located on two land plots simultaneously, of which one is private-owned land and the other is community land.

In total only 151 m<sup>2</sup> crops will be affected. Basically, the APs are engaged in cultivation of crops in Alaverdi, Odzun, Artchis and Shnogh. The most frequently grown crops are bean, tomato and cucumber with 40 m<sup>2</sup>, 28 m<sup>2</sup> and 41 m<sup>2</sup> respectively. Under the Project, 13,758 fruit trees and bushes are affected. Out of these, 12,053 are fruit bushes and 1,705 are fruit trees. The majority of affected fruit bushes and trees are productive (98%). Only 24 seedlings and 161 not-productive trees are affected. Most of the affected bushes are dewberries and raspberries with 4420 and 7515 bushes respectively. Most of the affected trees are plum, fig, mulberry, cornel and grape. The main impact on fruit trees has been revealed in Odzun, Artchis and Shnogh. Only 40 wood trees are affected by the Project out of which 14 have been identified in Odzun. The most affected wood trees are ash trees, acacia and maple: 18, 8 and 8 respectively. Of all affected wood trees, more than a half (52.5%) are small trees. 141 decorative trees and bushes are also affected by the Project, out of which, 134 decorative bushes and only 7 are decorative trees.

A total of 64 AHs will be compensated as severely affected AHs, out of which 60 AHs will lose 10% or more of their agricultural income from the productive land plots and 6 AHs will face relocation. It should be noted that 2 AHs to be relocated will also lose 10% or more agricultural land from their affected land plots. Out of total, 13 AHs have been considered as severely affected conditionally due to lack of data on their totally holding productive land, therefore the severity impact for these 13 AHs is subject for verification during the LARP implementation before the compensation payment.



The vulnerable AHs identified, as vulnerable poor households registered in the evaluation system of vulnerability of families (ESVF) are 8. Furthermore, there are 15 female-headed households, 14 households headed by the elderly. No AH is headed by disabled persons. Given that some households qualify due to having multiple vulnerability characteristics, the total number of vulnerable households is 28, of which 57.1% of AHs are in Alaverdi.

### 3. COMPENSATION ELIGIBILITY AND ENTITLEMENTS

The Compensation of the assets affected by the project will be regulated by the pertinent Armenian laws and regulations and by the requirements of ADB's SPS- 2009..

**Armenia Law and Regulation.** The Armenian Constitution (1995) guarantees protection of private ownership rights. It also provides that private ownership may be terminated "in exclusive cases of prevailing public interests" (eminent domain) based on established procedure and with prior adequate compensation. Land acquisition and compensation issues are discussed in the Land Code Article 102, 104, the Civil Code (1998), Articles 218 through 221 and in the Law of RA on the Alienation of the Private Property for Public and State Needs adopted on 27 November 2006. The consideration for the land/property being acquired is established by contract and agreement between MTCIT/TPIO and APs or their official representatives taking into account the market value and damages, including consequential damages. Adequate compensation shall be paid to the owner against alienation of his/her property. According to the RA Law on the Alienation of the Private Property for Public and State Needs "adequate" is defined as the amount 15 % over and above the market price of the alienated assets. Assessment of the real estate or the real estate rights has been made by a licensed Valuator in accordance with the procedure defined in the Law of the Republic of Armenia on Assessment of Real Estate in Armenia adopted on October 4, 2005.

**ADB's safeguard principles on involuntary resettlement.** LAR for an ADB financed project is follow the following principles:

- Involuntary resettlement is to be avoided or at least minimized.
- Compensation/Rehabilitation provisions will ensure the maintenance of the APs' pre-project standards of living.
- APs should be fully informed and consulted on LAR compensation options.
- APs' socio-cultural institutions should be supported/used as much as possible.
- Compensation will be carried out with equal consideration of women and men.
- Lack of legal title should not be a bar to compensation and/or rehabilitation.
- Particular attention should be paid to households headed by women or other vulnerable groups, as Indigenous Peoples. Appropriate assistance is to be provided to help them improve their status.
- LAR should be conceived and executed as a part of the project, and the full costs of compensation should be included in project costs and benefits.
- Compensation, resettlement allowances and subsidies will be fully provided prior to clearance of right of way/ground leveling and demolition.

Any differences between Armenia's Law and Regulation and the ADB SPS 2009 have been addressed in the LARP which highlights the compensation and eligibility provisions for this project (Entitlement matrix).

Based on the LARP, all project-affected persons losing land, assets or income linked to the land (structures, trees, crops, other improvements, businesses or jobs) are eligible to compensation and/or rehabilitation. As under the ADB's SPS 2009, lack of legal rights to the assets lost does not bar the AP from compensation or at least rehabilitation measures. The AH who are legalizable will be legalized and provided the same compensation as legal AH. AH, without legal status will not be compensated but receive basic rehabilitation allowances.

Any person, who settles in the affected areas or builds/expands their houses/structures or any other improvement on the affected area, after the cut-off date, will not be eligible to compensation. They will, however, be given sufficient advance notice, and requested to vacate premises and dismantle affected structures prior to project implementation. Compensation eligibility is limited by a cut-off date that is defined as a first day of signing of property description protocol for affected land plots. The matrix below summarized types of losses and compensation/allowances entitlements for the Project.

**Table 1: Entitlement Matrix**

| Type of Loss | Application | Eligibility | Compensation Entitlements |
|--------------|-------------|-------------|---------------------------|
|--------------|-------------|-------------|---------------------------|

| Type of Loss   | Application   | Eligibility   | Compensation Entitlements   |
|--|---|---|---|
| <b>1. Land Loss</b>                                    | APs losing their owned property or a part of it regardless the impact amount                                | Owner   | Cash compensation at replacement cost, which is equivalent the assessed price of market value and cadastral rates (whichever is the highest) plus 15% or through an equivalent replacement land acceptable to the AP.   |
|  |   | Legalisable AP's  | In cases defined by legislation, the AP's may acquire ownership rights or apply the state registration of the present rights and to be compensated as owners.   |
|  |   | Leaseholders (lease of community or state property)   | In cases defined by legislation the leaseholders may acquire ownership right and to be compensated as the owner or he/she may be given an opportunity to hold a new lease in accordance with the agreement of the land owner (lessor).<br>In case it isn't possible, AP will receive compensation equal to "the market or cadastral cost of affected land (whichever the highest) +15% "in the following proportions according to the length of the lease: i) < 1 year 5%, 2) <15 years 14% ; 3) <25 years 20%; 4) >25 years 25%. |
|  |   | The leaseholder (leasing of natural persons and legal entities' property)                                       | Cash compensation for already paid but not unused lease.  |
|  |   | Persons possessing other property rights (servitude, construction, loan, mortgage, use)                         | Compensation is provided to persons possessing property rights from the affected property compensation amount in accordance to the RA legislation.  |
|  |   | Non legalisable APs   | These APs will receive compensations only for the improvements made on the land according to the LARF.  |
| <b>2. Loss of residential buildings, structures</b>    |   | All the APs regardless the rights possessing for the structure (including legalisable and non-legalisable APs ) | Cash compensation cost + 15% for loss of building at full replacement cost free of depreciation/transaction costs and salvaged materials. Partial impacts will entail the compensation of the affected portion of the building plus repairs, in case if the further usage and maintenance of the non-affected portion of the building is technically possible.  |
|  |   | Relocated Leaseholders  | Cash refund of the unused rent already paid.  |
| <b>3. Loss of non-residential buildings structures</b> | Buildings, structures with state registration owned by APs  | Owners  | Cash compensation + 15% for loss of building at full replacement cost free of depreciation and salvaged materials and decrement of transaction costs. Partial impacts will entail the compensation of the affected portion of the building plus repairs in case of the maintenance, if the use and the alienation of the non-affected portion of the buildings are legally possible.  |
|  | Illegal building on the land belonging to citizens or legal entities with ownership rights of the property. | APs constructed the illegal building, are the owners of the land.   | In case of the loss of the illegal building - cash compensation, with the amount of full replacement cost of the illegal building without 15% extra charge.   |
|  | Illegal building on the land of the community or state ownership.   | AP constructed the Illegal building   | Rehabilitation allowance will be provided to AP constructed the Illegal building on the land of the community or state ownership, with the amount equal to replacement cost of illegal building minus the legalization costs.   |
|  |   | Relocated Leaseholders  | Cash compensation for the unused lease already paid.  |
| <b>4. Public Property Loss</b>                         | Community or State property   | Community/State   | Compensation of the community owned land, property or reconstruction of affected community and state-owned structures or other property and restoration of their functions in agreement with community, state authority.  |
| <b>5. Crop Loss</b>                                    | Standing crops affected   | All AHs who made improvements regardless their ownership and other property rights                              | Crop compensation in cash at market value by default at gross crop value of expected harvest.   |
| <b>6. Tree and Harvest Loss</b>                        | Trees affected and expected harvest   | All AHs who made improvements regardless of their land  | Cash compensation at market value based on type, age and productive value of the trees.   |

| Type of Loss                                       | Application  | Eligibility  | Compensation Entitlements   |
|--|--|--|---|
|  |  | ownership and property rights  |   |
| <b>7. Business (entrepreneurship) interruption</b> | Businesses (entrepreneurship) in the affected land   | All APs regardless the tax declaration   | <b>1) Businesses with a tax declaration</b><br>a) In case of permanent impact: cash compensation of 1 year net income.<br>b) in case of temporary impact: cash indemnity of net income for months of business suspension up to 1 year. State registration and license fees will also be compensated, if any.<br><b>2) Businesses without a tax declaration</b><br>a) In case of permanent impact: rehabilitation allowance based on the minimum monthly salary for 1 year;<br>b) In case of temporary impact: rehabilitation allowance based on the minimum monthly salary for the number of months of business stoppage up to a maximum of 1 year. |
| <b>8. Job Loss</b>                                 | Permanent job loss or forced downtime not by the employee's fault  | Employees who have worked for affected business (company or Individual Entrepreneurship) by employment contract            | Cash compensation:<br>a) Permanent job loss: the employee will receive cash indemnity for 6 months average salary;<br>b) Temporary loss: the employee will receive cash indemnity for all months of business stoppage based on the average salary up to 6 months.   |
| <b>9. Allowances for Severe Impacts</b>            | AH to be relocated or losing 10% and more of agricultural land   | All severely affected APs/AHs including informal settlers  | a) Additional crop compensation covering 1 year yield (from affected land part) for APs affected by loss of 10% and more of agricultural land.<br>b) A rehabilitation allowance of 6 months at minimum salary to relocated AHs.   |
| <b>10. Relocation allowance</b>                    | Allowance for the transportation and livelihood expenses   | All relocated AHs including leaseholders   | Cash allowance to cover transportation and livelihood expenses for 1 month.   |
|  |  | All APs having movables on the affected land and building to be relocated regardless of existing formal rights to property | Cash allowance to cover transportation expenses.  |
| <b>11 Vulnerable People / AHs Allowances</b>       |  | AHs headed by women, or elderly, or disabled persons, AHs living below the poverty line and residential relocate AHs       | a) Cash allowance equivalent to 6 months of minimum salary and priority in project-related employment for forts 3 categories of vulnerable AHs.<br>b) Cash allowance equal to the difference of compensation cost calculated for their affected residential apartment between the market value of the minimum similar residential apartment based on the market conditions of the given region..  |
| <b>12. Temporary impacts</b>                       |  | All APs/AHs who are temporarily affected   | Damages will be compensated in the case of temporary impact with replacement cost in accordance with the relevant entitlements defined by the LARP.   |
| <b>13. Unforeseen LAR impacts, if any</b>          |  | Eligible APs/ AHs  | MTCIT will consider the unforeseen resettlement impacts during project and will compensate and will provide rehabilitation allowance based on the provisions of LARP.   |
| <b>14. Compensations for improvements</b>          | Other improvements, which are not included in this Entitlement Matrix but exist on the affected land (except of the moveable property) | APs who made Improvements  | Cash compensation by replacement cost.  |

**RA GoA decree on Eminent Domain:** The property can be acquired in state and public interests needs within the scope of recognition of exclusive prevailing public interest. For this purpose, decree the N 1214-N GoA on Eminent Domain has been adopted by RA government on 09.11.2017 which regonizes the affected properties as exclusive prevailing public interest to be acquired for state and public needs (for the Project). The GOA decree has came into force on 25.11.2017.

#### 4. COMPLAINTS AND GRIEVANCE REDRESS

A grievance redress mechanism will be made available at the project level to allow an AP to appeal against any

disagreeable decision, practice or activity arising from compensation of land or other assets or any project related issues. The fundamental objective is to resolve any resettlement-related grievance locally, in consultation with the aggrieved party, to facilitate smooth implementation of the LARP. Another important objective is to democratize the development process at the local level and to establish accountability to the affected people.

Conventionally grievance resolution is done by APs presenting their complaints in writing to the TPIO during the LARP preparation and implementation.

Beside this customary mode of dealing with complaints during LARP preparation, TPIO will also establish a formal complaints and grievance redress mechanism during LARP implementation and thereafter. Several parties will be involved in this formal grievance redress mechanism, such as MTCIT, TPIO and LSGBs. Two main access points will allow voices of the affected communities to be heard and will ensure the accessibility of GRM for APs: (i) Local Self -Governing Bodies (LSGB) Office and (ii) Grievance focal person (GFP).

The GFP will be the representative of TPIO and will be responsible for registration of complaints and forwarding them to TPIO for discussion and addressing. The schedule of meetings with GFP will be announced as soon as the LARP Implementation starts. At least two meetings per month will be implemented in every affected community. Each LSGBs Office should nominate the representative who will be responsible for the collection and provision of complaints/requests/claims to GFP or directly to TPIO. In general, the GRM will have 2 levels:

- 1<sup>st</sup> level\_ TPIO, as well as the Grievance Review Group (GRG) upon request of AP;
- 2<sup>nd</sup> level\_ MTCIT.

Steps in resolving grievances are as follows:

- (i) An aggrieved AP may bring his/her complaint before GFP or LSGBs Office.
- (ii) The complaint must be made in writing by the AP him/herself or an appointed representative.
- (iii) The GFP and representative of the LSGBs will be responsible for documenting and forwarding all complaints to TPIO.
- (iv) The judgment made by TPIO will be communicated to the concerned AP in writing within 30 days.
- (v) If an AP is not satisfied with the response of TPIO, then Grievance Review Group (GRG) can review the case upon request of AP. The GRG can also be convened by TPIO's decision in case of group complaints from APs.
- (vi) If the matter remains unsettled after 15 days following the discussion with the TPIO/GRG, the grievance can then be lodged to MTCIT by the AP. Settlement will be made within 30 days from the day of final discussion with TPIO/GRG.

Should the grievance redress system fail to satisfy the AP, he/she can pursue their complaint further by submitting their case to the appropriate court of law. Nevertheless, the above mentioned grievance mechanism does not limit the citizen's right to submit the case to the court of law at any point in time of the grievance process.

#### **Contact details:**

##### **How to apply to the "Transport Projects Implementation Organization" SNCO**

Address: 4 Tigran Mets street, 7th floor  
Yerevan 0010, Republic of Armenia  
Tel.: (+37412) 201009, 201010  
E-mail: [info@tpio.am](mailto:info@tpio.am)

##### **How to apply to the Ministry of Transport, Communication and Information Technologies (MTCIT)**

Address: 28 Nalbandyan street  
Yerevan 0010, Republic of Armenia  
Tel.: (+37410) 59-00-17  
E-mail: [info@mtcit.am](mailto:info@mtcit.am)

## **APPENDIX 7. LARP Implementation Action Plan**

## **LARP IMPLEMENTATION METHODOLOGY AND ACTION PLAN**

This Appendix presents the main components, methodological approaches and detailed action plan of LARP implementation process and contains the following sections:

- 1) LARP implementation preparatory stage
- 2) LARP implementation milestones
- 3) Definition of LARP implementation subsections
- 4) LARP implementation activities:
  - 4.1 Notification and Consultation of APs
  - 4.2 Data collection, updating and database management
  - 4.3 Process of APs Legalization and Cadastral corrections
  - 4.4 Contracts and Agreements signing process
  - 4.5 Expropriation stage
  - 4.6 Detailed schedule of LARP Implementation per subsections
- 5) Implementation of changing the target purpose of the acquired lands
- 6) Procedures to be initiated in case of issues (changes) emerged during the LARP implementation

### **1. LARP IMPLEMENTATION PREPARATORY STAGE**

The LARP implementation will start upon approval of final LARP document by ADB and MTCIT. However, the preparatory works can start earlier to be fully ready for the start of implementation, particularly:

- (viii) Disclosure of final approved LARP document on MTCIT and Project's websites in Armenian, as well as on website of ADB in English,
- (ix) Selection of the commercial Bank for payments with the best conditions for the APs (geographical location and low/no transaction charges).
- (x) Consultations with regional notarial, cadastral services and courts on the further organization of acquisition contracts and agreements signing, cadastral registrations and court proceedings (if any),
- (xi) Start of implementation of legalization and cadastral correction plan,
- (xii) Initial consultations with affected communities on coming implementation (including the disclosure of LARP document and brochures),
- (xiii) Establishment of Grievance Redress Mechanism (GRM) in affected communities, as defined by LARP,
- (xiv) Preparation of information leaflets for the notifications of all stages of LARP implementation (notification of signed protocol, notification of draft acquisition contract and agreement, notification on depositing and notification of court proceeding).

### **2. LARP IMPLEMENTATION MILESTONES**

The overall LARP implementation aims to:

- (vii) Ensure that APs/AHs obtain their full entitlements under the LAR (compensation, assistance etc.)
- (viii) Consult and educate APs/AHs regarding their entitlements and obligations under the Resettlement Plans;
- (ix) Ensure the full implementation of the detailed legalization and correction action plans included in the LARP;
- (x) Undertake public information campaigns in the affected communities related to Resettlement Policies and entitlement packages,
- (xi) Assist APs in resolving their grievances through the grievance redress mechanism set out in the LARP;
- (xii) Ensure the proper implementation of all corrective measures, if any

For this purpose, upon the approval of LARP, all the arrangements for finalizing the compensation and the disbursement will be implemented. These include:

- a) Initiation of implementation of legalization and cadastral correction plan
- b) Notification of draft acquisition Contracts, as well as agreements on compensation of damaged assets to APs;
- c) Signing of acquisition Contracts/Compensation agreements for damages assets, including notification of final dates of displacement;
- d) Payment to all eligible affected persons;
- e) Initiation of expropriation procedures, where necessary;
- f) Compliance review and preparation of internal monitoring report;
- g) Completion of expropriation procedures, where necessary;
- h) Site preparation for delivering the site to contractors for construction<sup>37</sup>;

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37 Taking into account that the construction has been start before the LARP implementation, this concerns to the sections

The compensation payment is one of the critical phases in LARP implementation. The steps envisaged are as follows.

- Opening of bank accounts for APs where needed. The APs can also operate through their existing Bank accounts.
- Transfer of the compensation and allowances to APs' Bank accounts after signing of the acquisition contracts and Agreements.
- Vacating the property by the APs within 14 days after payment of compensation or other term as envisaged under the contract.
- MTCIT taking possession of the land/structure (handover act will be signed with the AP in case of not-affected/physically existing structures).

### **3. DEFINITION OF LARP IMPLEMENTATION SUBSECTIONS**

Prior the start of LARP preparation, it was decided that LARP will be implemented in subsection by subsection principle to simplify the implementation process in terms of deadlines to be met under the Law, as well as for the management of construction progress. The principles and basis of definition of LARP subsections are presented below:

- (i) the number of affected land plots (both private and community-owned),
- (ii) number of total AHs,
- (iii) number of AHs to be relocated
- (iv) number of legalization and cadastral correction case,
- (v) progress of utility relocation
- (vi) construction priorities

Based on the actual LAR impacts and above mentioned multifactor analysis it was decided to implement the LARP in two subsections with proportional division of affected land plots, depending on the volume of legalization and cadastral issues. However, as a general principle the priority will be given to the (1) quick implementation of legalization cases and cadastral corrections, (2) acquisition of private-owned land plots, as well as (3) physically relocation cases to ensure the timely implementation of LARP and speed up the expropriation cases, if any.

### **4. LARP IMPLEMENTATION ACTIVITIES**

The following main steps will be implemented in the frame of land acquisition and resettlement process:

- 1) Notification of signed protocol of affected land plot to APs;
- 2) Notification of draft contracts, as well as the agreement on damage compensation to all APs, including the disclosure of LARP Information brochure;
- 3) Meetings with the APs (owners/co-owners, leaseholders, not registered land users on individual basis;
- 4) Discussions concerning issues of APs, provide APs with legal advice and assistance if needed (in parallel the implementation of legalization plan).
- 5) Checking, updating of the necessary documents for signing of acquisition contract, where needed.
- 6) Implementation of full legalization and cadastral correction plan,
- 7) Preparation of the necessary documents for notary (regional) for making the final acquisition contracts.
- 8) Organization of acquisition contract signing with APs by notary ratification (depending from the organizational requirements it can be organized in the community administrative offices).
- 9) Provision of state registration application for the signed contracts to regional SCREC office.
- 10) Receipt of real estate ownership certificate registered in the name of Republic of Armenia.
- 11) Organization and assistance in relocation of physically relocated AHs.
- 12) Initiation of expropriation procedures where needed (depositing, preparation of court suits).

The above mentioned activities are detailed described in the sections below.

#### **4.1 Notification and Consultation of APs**

According to the EIB policy, as well as local legislation, APs must be fully consulted and provided with opportunities to participate in all stages of the preparation and implementation of the LARP. Under the same principles, the APs

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where the construction cannot be physically started due to not acquired and compensated properties.

have to be informed in an appropriate and timely manner of the outcomes of the planning process, as well as the schedules and procedures for the implementation of the LARP.

- i. In this regard, the heads of affected communities will be informed on the stages and schedule of LARP implementation process. The approved LARP document, as well as the LARP information brochure will be disclosed so all the APs and/or community members have the access.
- ii. The GRM will be established in each affected community as defined by LARP, particularly the representative from community administration will be nominates a grievance focal person. The details on GRM with contact details will be posted in all community administration offices upon start of LARP implementation.
- iii. AP notification procedure defined by the “RA Law on alienation of the property for public and state purposes” (hereinafter: Law) will be arranged and implemented. Acquisition contracts together with cover letters will be prepared and delivered to the APs before the deadline defined by the Law and respective Decree. With all notification letters also the respective information leaflets will be provided to all APs with the information on their rights, obligations and documents required for the signing of acquisition contract. Particularly the following notifications to all APs will be carried out defined by legislation:
  - Notification of signed/not signed protocols (according to the Article 7 of the Law),
  - Notification of draft acquisition contracts and agreements on damaged assets,
  - Notification on depositing the compensation amount to court deposit, where applicable,
  - Notification of the start of expropriation (court) proceeding, where applicable.
- iv. During the individual meetings and consultations, the LARP information brochure will be provided to all APs.

## **4.2 Data collection, updating and database management**

The Consultant will assist the APs in collection and updating of all the documents required by LARP, in case if those documents couldn't be obtained or haven't been available during the LARP preparation stage. This will also include the assistance to APs towards the correction, update and restoration of their incomplete or incorrect documents (including the verification of all co-owners, heirs and other required conditions prescribed by law for the signing of acquisition contracts (e.g. attendance and consent of all co-owners, existence and validity of required documents, the list of missing documents etc.). Separate package of relevant documents for each AP based on updated data for the implementation of respective cadastral and notarial operations aimed at acquisition defined by RA legislation will be prepared.

## **4.3 Process of APs Legalization and Cadastral corrections**

Before the Contract signing process the implementation of the legalization plan will be carried out for the legalizable APs (if needed) and cadastral correction plan for the lands which have cadastral discrepancies. APs will be duly consultant and support will be provided in accordance with LARP. The summary of legalization and cadastral cases per Lots is presented in tables 2 and 3.

The actions and procedures to be carried out during the LARP implementation in accordance to RA legislation to solve the above listed issues are presented in the chapter H of LARP. The detailed list of these typical cases, their description and AHs involved is presented in Appendix 8.

## **4.4 Contracts and Agreements signing process**

Contract signing process will be performed in compliance with RA legislation and LARP requirements. The activities performed during the Contract signing process will include but will not be limited with the following:

- Consultation and assistance to APs on collection of necessary documents
- Organize the opening of bank accounts for the APs ensuring the collection of required data from APs.
- Submission the documents package required for the conclusion of acquisition contracts/agreements to the relevant notarial offices and organizes the acquisition contract/agreement conclusion itself with APs.
- The submission of payment applications to TPIO

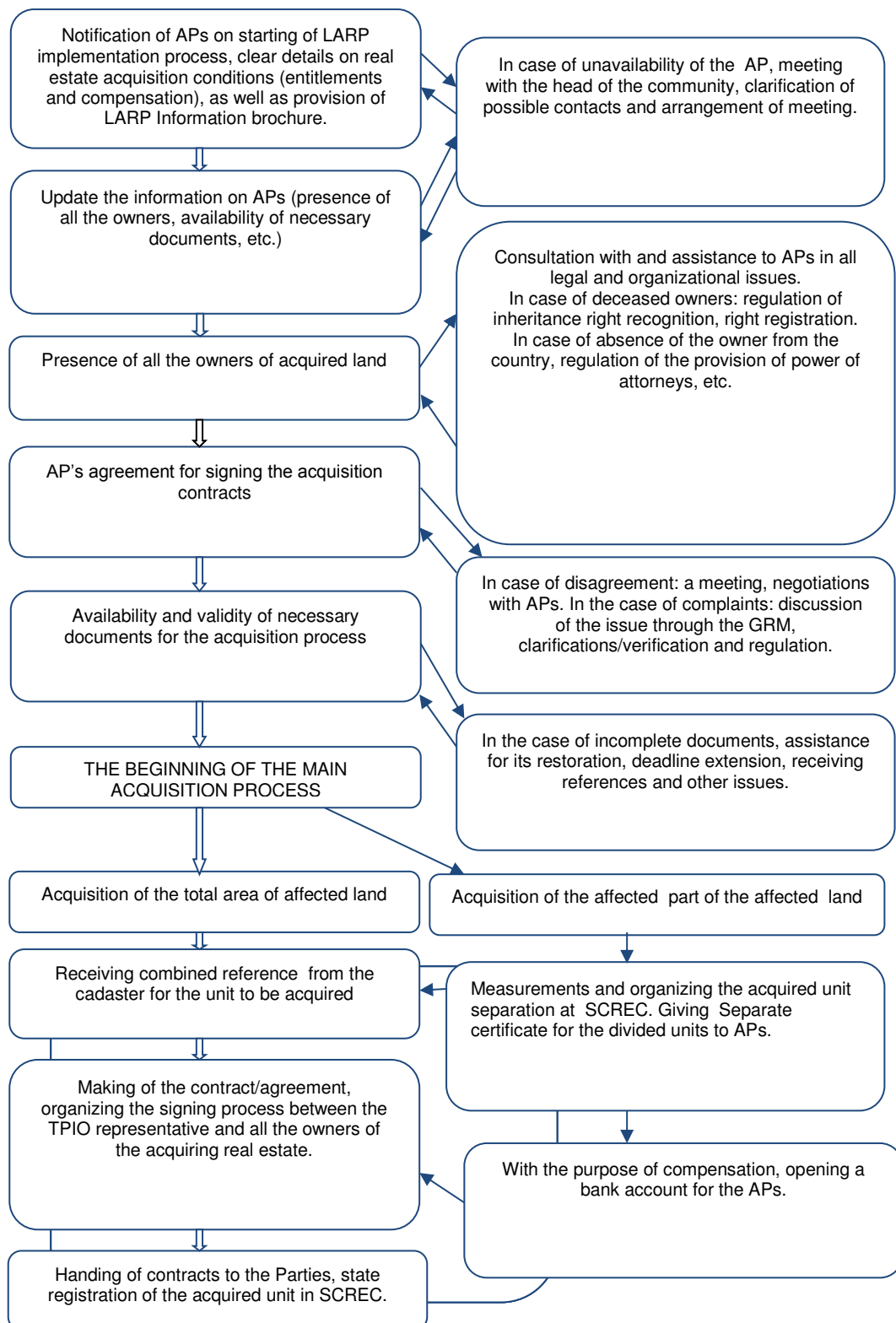
The Contract signing process will be considered to be completed after the state registration of the property right and submission of the certificate of ownership to the TPIO. Separate agreement will be signed with APs for the compensation of damaged assets.

The logical structure of acquisition process is presented in Figure 1. As presented in Figure 1, the left column, from top to the bottom, presents the required and compulsory steps necessary for the acquisition process for all APs, regardless of the existing issues and conditions. Right column presents possible problems at different stages, their solution mechanisms and logical relations together with compulsory steps to be taken. This makes it possible to



consider the acquisition process with each AP as a separate subroutine, taking into consideration features peculiar to each AP.

**Figure 1. The logistic structure of Land acquisition process via contract signing**



**In case if the acquisition of the land will not be done via contract signing as describes below the expropriation procedure will be initiated by the TPIO as detailed in the next section 4.5.**



#### 4.5 Expropriation stage

In case the acquisition contracts are not signed by APs (owners and other property right holders) for some reasons (disagreement of APs, unresolved legalization issue etc.) within 3 months from the date of notification of draft acquisition contracts to APs, the expropriation procedure will be initiated by the TPIO. The expropriation process will be implemented in two stages:

- (iii) Acquisition of the property via transfer of compensation amount to the court deposit
- (iv) Acquisition of the property via expropriation (court proceeding)

- 1) Acquisition of the property via transfer of compensation amount to the court deposit:** The calculated compensation amount for each AP will be deposited with the court deposit account within 1 month after completion of 3-month period. A notification will be sent to APs (owners and other property right holders) about this within 3 days after depositing the compensation amount. The separate information leaflet (guidance) will be attached to the notification letter with description of AP's rights and obligations after depositing.
- 2) Acquisition of the property via expropriation (lawsuit):**
  - i. If the contract is not signed during seven days after the transfer of the compensation to the deposit account and the compensation is not obtained by the APs from the deposit account, then during one month period the Consultant will prepare and submit the lawsuit to the court based on the deposited amount.
  - ii. In case of expropriation, the subject for Court's discussion can only be on the compensation amount. Court's decision on compensation amount for the property and other assets to be acquired will be the basis for the acquisition of land.
  - iii. If the all owners and co-owners and other property rights of the alienated property receive the deposited amount in the prescribed manner after the depositing and before the court decision on alienation is issued, than the alienation contract will be deemed to be concluded on the terms and conditions set forth by law.
  - iv. The rights of the previous owner on the expropriated property are terminated and the right of acquirer on the expropriated property is established after the decision of court enters into force. The decision of court is subject to registration in the SCREC after the decision of court enters into force.
  - v. However, depending on the peculiarities of the lawsuit, it may sometimes be possible to conclude the alienation contract before the acceptance of the lawsuit by the court or the commencement of the judicial proceeding. In such cases, the TPIO will recall the lawsuit or reject a lawsuit filing with the court a copy of the contract and a relevant note that will serve as a basis for granting the compensation to the APs.
- 3) The proceeding of the lawsuit:** The Consultant will participate in all court hearings in all court instances on behalf of the TPIO. The Expropriation stage will be considered to be completed after the state registration of the property right (based on the judicial act) and submission of the ownership certificate to the TPIO. The Consultant will also arrange the acceptance–handover of the property.

#### 5. IMPLEMENTATION OF CHANGING THE TARGET PURPOSE OF THE ACQUIRED LANDS

After the acquisition of all land plots (both via contract and expropriation), the TPIO will carry out the process of changing the target purpose of all acquired lands into transport lands according to the requirements of RA legislation, including the preparation of the mapping (or measurement), and draft government decree in accordance with the GoA Decrees 1918 and 1920 dated December 29, 2011.

**Table 1. The list of communities with involved affected land plots per Lots**

| Lot/ km   | Lot 1               |           |     |                | Lot 2               |           |     |                | Lot 3               |           |     | Grand Total |
|---|---------------------|-----------|-----|----------------|---------------------|-----------|-----|----------------|---------------------|-----------|-----|-------------|
|   | km 38+450-km 48+140 |           |     |                | km 48+140-km 62+300 |           |     |                | km 62+300-km 90+191 |           |     |             |
| Community/Ownership status  | Private             | Community | Gov | Non identified | Private             | Community | Gov | Non identified | Private             | Community | Gov |             |
|   | No                  |           |     |                | No                  |           |     |                | No                  |           |     |             |
| Akhtala   | -                   | -         | -   | -              | -                   | -         | -   | -              | -                   | 7         | 2   | 9           |
| Aygehat   | 2                   | 10        | 4   | -              | -                   | -         | -   | -              | -                   | -         | -   | 16          |
| Artchis   | -                   | -         | -   | -              | -                   | -         | -   | -              | 1                   | 2         | 1   | 4           |
| Aqori   | -                   | -         | -   | -              | -                   | 2         | -   | -              | -                   | -         | -   | 2           |
| Tumanyan  | 1                   | -         | -   | -              | -                   | -         | -   | -              | -                   | -         | -   | 1           |
| Haghpat   | -                   | -         | -   | -              | 10                  | 33        | 8   | -              | -                   | 13        | 4   | 68          |
| Neghots   | -                   | -         | -   | -              | -                   | -         | -   | -              | 4                   | 26        | 5   | 35          |
| Shnogh  | -                   | -         | -   | -              | -                   | -         | -   | -              | 8                   | 36        | 3   | 47          |
| Alaverdi city   | 20                  | 45        | 4   | 1              | 5                   | 45        | 11  | 2              | -                   | -         | -   | 133         |
| Odzun   | 28                  | 94        | 7   | -              | -                   | -         | -   | -              | -                   | -         | -   | 129         |
| Ayrum*  | -                   | -         | -   | -              | -                   | -         | -   | -              | -                   | -         | -   | -           |
| Haghtanak*  | -                   | -         | -   | -              | -                   | -         | -   | -              | -                   | -         | -   | -           |
| Ptghavan*   | -                   | -         | -   | -              | -                   | -         | -   | -              | -                   | -         | -   | -           |
| Grand Total   | 51                  | 149       | 15  | 1              | 15                  | 80        | 19  | 2              | 13                  | 84        | 15  | 444         |
| *The community is located in Lot 3 section, but there is no impacts identified on that community. |                     |           |     |                |                     |           |     |                |                     |           |     |             |

**Table 2. Breakdown of legalization issues per Lots**

| Lot 1    |         |       | Lot 2   | Lot 3   |        | Total |
|----------|---------|-------|---------|---------|--------|-------|
| Alaverdi | Aygehat | Odzun | Haghpat | Neghots | Shnogh |       |
| 7        | 2       | 2     | 1       | 1       | 3      |       |
| 11       |         |       | 1       | 4       |        | 16    |

**Table 3. Breakdown of cadastral issues per Lots**

| Lot 1    |         |       |          | Lot 2   | Lot 3   |        |         |         | Total |
|----------|---------|-------|----------|---------|---------|--------|---------|---------|-------|
| Alaverdi | Aygehat | Odzun | Tumanyan | Haghpat | Neghots | Shnogh | Akhtala | Artchis |       |
| 34       | 2       | 28    | 1        | 10      | 7       | 2      | 1       | 1       |       |
| 65       |         |       |          | 10      | 11      |        |         |         | 86    |

Table 4. Detailed schedule of LARP implementation

| N  | Action |   | Start, date | End, date | 17-Nov |   |   |   | 17-Dec |   |   |   | 18-Jan |   |   |   | 18-Feb |   |   |   | 18-Mar |   |   |   | 18-Apr |   |   |   | 18-May |   |   |   | 18-Jun |   |   |   | 18-Jul |   |   |   | 18-Aug |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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| The legal ground of land acquisition process is the adoption of GoA decree on Eminent Domain and its coming into force |        |   | 15-Sep-17   | 25-Nov-17 |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| 1  |        | 1. The notification of GoA decree on Eminent Domain |             |           |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| 2  | 1.1    | The notification of GoA decree on Eminent Domain    | 26-Nov-17   | 2-Dec-17  |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

| N  |     | Action   | Start, date | End, date | 17-Nov |   |   |   | 17-Dec |   |   |   | 18-Jan |   |   |   | 18-Feb |   |   |   | 18-Mar |   |   |   | 18-Apr |   |   |   | 18-May |   |   |   | 18-Jun |   |   |   | 18-Jul |   |   |   | 18-Aug |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 23 | 5.3 | The date of 7th day after depositing of compensation amount - Subsection 1 | 10-Jun-18   | 17-Jun-18 |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |   |   |   |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## **APPENDIX 8. Legalisation and Cadastral Correction Cases**

### Cadastral Correction and Legalisation Cases

| No  | Community     | Cadastral Code   | Owners as per ownership certificate and/or actual holder | Owner as per Cadastre | Description of the issue  | Reflection of the issue in the LARP   | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions | Possible Outcomes / Consequences  |
|---|---------------|------------------|--|-----------------------|---|---|---|---|---|
| <b>Issues related to not identified ownership/ other right holder status (community/private) towards the land plot, as well as uncertainty and lack of target and functional significances of the land plot</b> |               |                  |  |                       |   |   |   |   |   |
| 1   | Akhtala       | 06-003-0062-0058 | -  | not clear             | There is no cadastral information on the right holder of the land plot. According to the cadastral map for the right holder to the land plot it is marked as "not clear". | The land plot was considered as community land based on the information received from the head of the community. When assessing it, the target significance was considered as "residential", functional significance as "other lands", actual usage as "other lands". | An additional request should be sent to the Cadastre to clarify the target and functional significances as well as the owners.              |   | Th assessed value of the land plot will be adjusted, if the target and and functional significances clarified by the Cadastre differ from the assessed significances. |
| 2   | Alaverdi city | 06-002-0198-**   | -  | not clear             | There is no cadastral information on the right holder of the land plot. According to the cadastral map for the right holder to the land plot it is marked as "not clear". | The land plot was considered as community land based on the information received from the head of the community. When assessing it, the target significance was considered as "residential", functional significance as "other lands", actual usage as "other lands". | An additional request should be sent to the Cadastre to clarify the target and functional significances as well as the owners and the code. |   | Th assessed value of the land plot will be adjusted, if the target and and functional significances clarified by the Cadastre differ from the assessed significances. |
| 3   | Alaverdi city | 06-002-0629-0064 | -  | not clear             | There is no cadastral information on the right holder of the land plot. According to the cadastral map for the right holder to the land plot it is marked as "not clear". | The land plot was considered as community land based on the information received from the head of the community. When assessing it, the target significance was considered as "residential", functional significance as "other lands", actual usage as "commercial".  | An additional request should be sent to the Cadastre to clarify the target and functional significances as well as the owners and the code. |   | Th assessed value of the land plot will be adjusted, if the target and and functional significances clarified by the Cadastre differ from the assessed significances. |
| 4   | Alaverdi city | 06-002-0140-**   | -  | not clear             | There is no cadastral information on the right holder of the land plot. According to the cadastral map for the right holder to the land plot it is marked as "not clear". | The land plot was considered as community land based on the information received from the head of the community. When assessing it, the target significance was considered as "residential", functional significance as "other lands", actual usage as "other lands". | An additional request should be sent to the Cadastre to clarify the target and functional significances as well as the owners and the code. |   | Th assessed value of the land plot will be adjusted, if the target and and functional significances clarified by the Cadastre differ from the assessed significances. |
| 5   | Neghots       | 06-080-0572-0013 | -  | not clear             | There is no cadastral information on the right holder of the land plot. According to the cadastral map for the right holder to the land plot it is marked as "not clear". | The land plot was considered as community land based on the information received from the head of the community. When assessing it, the target significance was considered as "residential", functional significance as "other lands", actual usage as "other lands". | An additional request should be sent to the Cadastre to clarify the target and functional significances as well as the owners.              |   | Th assessed value of the land plot will be adjusted, if the target and and functional significances clarified by the Cadastre differ from the assessed significances. |



| No   | Community     | Cadastre Code    | Owners as per ownership certificate and/or actual holder | Owner as per Cadastre             | Description of the issue   | Reflection of the issue in the LARP   | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions                             | Possible Outcomes / Consequences  |
|--|---------------|------------------|--|-----------------------------------|--|---|---|---|---|
| 6  | Odzun         | 06-112-1232-0001 | -  | not clear                         | There is no cadastral information on the land plot, however, in accordance with the RA Government decree N1060-Ն as of 16.06.2006 the mentioned land plot is state land, in terms of its target significance it is a power, transport, communication, utility infrastructure facilities, and in terms of its functional significance as a land for transport facilities. | The land plot was considered as a state land and was not valued.  | An additional request should be sent to the Cadastre to clarify the target and functional significances as well as the owners.        |   | In case if it would be verified that the land is not a state land, then compensation shall be calculated accordingly. |
| <b>Discrepancies between the land plots' surface areas, as well as lot-codes indicated in the ownership certificate and on the cadastral map</b> |               |                  |  |                                   |  |   |   |   |   |
| 7  | Alaverdi city | 06-002-0035-0001 | Suren Alaverdyan   | community/no rights registered    | In accordance with the ownership certificate the surface area of the land plot is 1836 square meters, and according to the cadastral map - 2143 square meters. The code indicated in the ownership certificate is 06-002-0034-0001.  | The land plot was assessed as community land based on the surface indicated on the cadastral map. The AP was considered as a community land user. | Apply to the Cadastre for correction of the ownership certificate. It is also necessary to correct the code of the certificate.       |   |   |
| 8  | Alaverdi city | 06-002-0143-0006 | Garegin Tantushyan, Artush Asryan                        | Garegin Tantushyan, Artush Asryan | In accordance with the ownership certificate the surface area of the land plot is 1630 square meters, and according to the cadastral map - 1675 square meters. The code indicated in the ownership certificate is 06-002-0143-0005.  | The land plot was assessed based on the surface indicated in the ownership certificate.   | Request should be sent to the Cadastre to correct the linear meters of the land plot's layout indicated in the ownership certificate. |   |   |
| 9  | Alaverdi city | 06-002-0191-0014 | Marieta Mamajanyan                                       | Hmayak Mamajanyan                 | There is a ownership certificate on the name of Hmayak Mamajanyan, but the land code and surface in the certificate are mentioned by hand.   | The land plot was assessed based on the surface indicated in the cadastral map.   | Request request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate.                 | The owner is dead. There is an inheritance issue, no information about the heirs.                       |   |
| 10   | Alaverdi city | 06-002-0198-0120 | Sirush Martirosyan                                       | Haykaz Lalayan                    | There is a ownership certificate on the name of Haykaz Lalayan, but the land code and surface are not indicated in the certificate.  | The land plot was assessed based on the surface indicated in the cadastral map.   | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate.                         | The owner is dead. There is an inheritance issue, no information about the heirs, no will is available. |   |
| 11   | Aygehat       | 06-014-0103-0002 | Simon Shahverdyan/Badalyan                               | private                           | In accordance with the ownership certificate the surface area of the land plot is 1390 square meters, and according to the cadastral map - 1458 square meters. The owners indicated in the certificate are not comply with the owners provided by the community.   | The land plot was assessed based on the surface indicated in the ownership certificate.   | Request should be sent to the Cadastre to correct the surface area and owners in the ownership certificate.                           | There is an inheritance issue. There is a certificate of inheritance on the name of Simon Badalyan.     |   |

| No | Community | Cadastral Code   | Owners as per ownership certificate and/or actual holder              | Owner as per Cadastral  | Description of the issue  | Reflection of the issue in the LARP   | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions                             | Possible Outcomes / Consequences |
|----|-----------|------------------|---|---|---|---|---|---|----------------------------------|
| 12 | Haghpat   | 06-060-0226-0010 | Samvel Chitchyan, Minas Chitchyan, Hamlet Begjanyan, Astghik Hakobyan | Samvel Chitchyan, Minas Chitchyan, Hamlet Begjanyan, Astghik Hakobyan | In accordance with the ownership certificate the surface area of the land plot is 3450 square meters, and according to the cadastral map -3297 square meters.   | The land plot was assessed based on the surface indicated in the ownership certificate. | Request should be sent to the Cadastre to correct the surface area in the ownership certificate.              |   |                                  |
| 13 | Haghpat   | 06-060-0203-0025 | Kamo Shahverdyan  | Kamsar Shahverdyan  | In accordance with the ownership certificate the surface area of the land plot is 7500 square meters, and according to the cadastral map - 8056 square meters. The code indicated in the ownership certificate is 06-060-0203-0026. | The land plot was assessed based on the surface indicated in the ownership certificate. | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate. | The owner is dead. There is an inheritance issue, no information about the heirs, no will is available. |                                  |
| 14 | Haghpat   | 06-060-0203-0042 | Artush Mikoyan  | Artush Mikoyan  | In accordance with the ownership certificate the surface area of the land plot is 3630 square meters, and according to the cadastral map -3511 square meters.   | The land plot was assessed based on the surface indicated in the ownership certificate. | Request should be sent to the Cadastre to correct the surface area in the ownership certificate.              |   |                                  |
| 15 | Haghpat   | 06-060-0203-0024 | Gagik Zargaryan, Narine Titanyan                                      | Gagik Zargaryan, Narine Titanyan                                      | In accordance with the ownership certificate the surface area of the land plot is 5687 square meters, and according to the cadastral map -6032 square meters.   | The land plot was assessed based on the surface indicated in the ownership certificate. | Request should be sent to the Cadastre to correct the surface area in the ownership certificate.              |   |                                  |
| 16 | Haghpat   | 06-060-0203-0049 | Zaruhi Ghulyan  | Zaruhi Ghulyan  | In accordance with the ownership certificate the surface area of the land plot is 4340 square meters, and according to the cadastral map - 4273 square meters. The code indicated in the ownership certificate is 06-060-0203-0016. | The land plot was assessed based on the surface indicated in the ownership certificate. | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate. |   |                                  |
| 17 | Neghots   | 06-080-0005-0035 | Varazdat Meliqsetyan  | community   | In accordance with the ownership certificate the surface area of the land plot is 2800 square meters, and according to the cadastral map - 2644 square meters. The code indicated in the ownership certificate is 06-080-0005-0036. | The land plot was assessed based on the surface indicated in the ownership certificate. | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate. |   |                                  |
| 18 | Neghots   | 06-080-0117-0002 | Gayane Khudinyan  | private   | In accordance with the ownership certificate the surface area of the land plot is 1338,9 square meters, and according to the cadastral map - 1518 square meters.  | The land plot was assessed based on the surface indicated in the ownership certificate. | Request should be sent to the Cadastre to correct the surface area in the ownership certificate.              |   |                                  |

| No | Community     | Cadastral Code   | Owners as per ownership certificate and/or actual holder                       | Owner as per Cadastral          | Description of the issue  | Reflection of the issue in the LARP   | Necessary actions  | Documentary basis and institutional capacity to carry out necessary actions | Possible Outcomes / Consequences |
|----|---------------|------------------|--|---------------------------------|---|---|--|---|----------------------------------|
| 19 | Neghots       | 06-080-0116-0001 | Arsen Chichyan   | community                       | In accordance with the ownership certificate the surface area of the land plot is 22784 square meters, and according to the cadastral map - 22805 square meters. The code indicated in the ownership certificate is 06-080-0116-0003.                                 | The land plot was assessed based on the surface indicated in the ownership certificate. | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate.  |   |                                  |
| 20 | Shnogh        | 06-088-0216-0001 | Garegin Hakobyan   | Garegin Hakobyan, Lena Hakobyan | In accordance with the ownership certificate the surface area of the land plot is 560 square meters, and according to the cadastral map - 479 square meters. Due to inaccuracy of cadastral databases, there is an ownership certificate on the name of other person. | The land plot was assessed based on the surface indicated in the ownership certificate. | Request should be sent to the Cadastre to correct the surface area in the ownership certificate. It is also needed to re-register the land plot on the name of right person. |   |                                  |
| 21 | Alaverdi city | 06-002-0193-0009 | Armen Aghvanyan  | Seyran Aghvanyan                | The code indicated in the ownership certificate is 06-002-0193-0001. The owners are different in cadaster and ownership certificate.  | The land plot was assessed based on the surface indicated in the ownership certificate. | Request should be sent to the Cadastre for correction and re-registration of rights.   |   |                                  |
| 22 | Alaverdi city | 06-002-0198-0205 | Verichka Lalayan   | community/no rights registered  | Not identified owner by cadaster. The code indicated in the ownership certificate is 06-002-0305-0001.  | The land plot was assessed based on the data indicated in the cadastral map.            | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate.  |   |                                  |
| 23 | Alaverdi city | 06-002-0198-0205 | Garnik Amirkhanyan, Anna Amirkhanyan, Arsen Amirkhanyan, Haykanush Amirkhanyan | community/no rights registered  | Not identified owner by cadaster. The code indicated in the ownership certificate is 06-002-0305-0001.  | The land plot was assessed based on the data indicated in the cadastral map.            | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate.  |   |                                  |
| 24 | Alaverdi city | 06-002-0198-0205 | Svetlana Papyan  | community/no rights registered  | Not identified owner by cadaster. The code indicated in the ownership certificate is 06-002-0305-0001.  | The land plot was assessed based on the data indicated in the cadastral map.            | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate.  |   |                                  |

| No | Community     | Cadastral Code   | Owners as per ownership certificate and/or actual holder                           | Owner as per Cadastre          | Description of the issue   | Reflection of the issue in the LARP  | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions   | Possible Outcomes / Consequences |
|----|---------------|------------------|--|--------------------------------|--|--|---|---|----------------------------------|
| 25 | Alaverdi city | 06-002-0198-0205 | Nune Abovyan, Susanna Bezhanyan, Edvard Bezhanyan                                  | community/no rights registered | Not identified owner by cadaster. The code indicated in the ownership certificate is 06-002-0305-0001: | The land plot was assessed based on the data indicated in the cadastral map. | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate. | The owner of the apartment is dead. There is a name / surname difference between ownership certificate and death certificate. There is a problem of inheritance. There is no will. There is a difference between the named indicated in the certificate and passport. |                                  |
| 26 | Alaverdi city | 06-002-0198-0205 | Svetlana Cherkezian  | community/no rights registered | Not identified owner by cadaster. The code indicated in the ownership certificate is 06-002-0305-0001. | The land plot was assessed based on the data indicated in the cadastral map. | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate. | The owner is dead. The death certificate is not available. There is no land user. There is a problem of inheritance. There is no will. The alleged heirs are abroad, the possibilities of sending a power of attorney are vague.                                      |                                  |
| 27 | Alaverdi city | 06-002-0198-0205 | Gevorg Antanyan, Astghik Antanyan, Arman Antanyan, Anush Antanyan, Viktor Antanyan | community/no rights registered | Not identified owner by cadaster. The code indicated in the ownership certificate is 06-002-0305-0001. | The land plot was assessed based on the data indicated in the cadastral map. | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate. |   |                                  |
| 28 | Alaverdi city | 06-002-0647-0002 | Gagik Tamazyan, I/E Azniv Dallaqyan  | private/no rights registered   | Not identified owner by cadaster. The code indicated in the ownership certificate is 06-002-0645-0002. | The land plot was assessed based on the data indicated in the cadastral map. | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate. |   |                                  |

| No   | Community     | Cadastre Code    | Owners as per ownership certificate and/or actual holder | Owner as per Cadastre        | Description of the issue  | Reflection of the issue in the LARP  | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions | Possible Outcomes / Consequences   |
|--|---------------|------------------|--|------------------------------|---|--|---|---|--|
| 29   | Haghpat       | 06-060-0203-0008 | community  | community                    | There is an ownership certificate on the name of Miqayel Davtyan. The code indicated in the ownership certificate is 06-060-0205-(004, 005, 007, 008)   | The land plot was assessed based on the data indicated in the cadastral map. | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate. |   |  |
| 30   | Haghpat       | 06-060-0203-0004 | unidentified user  | community                    | There is an ownership certificate on the name of Miqayel Davtyan. The code indicated in the ownership certificate is 06-060-0205-(004, 005, 007, 008)   | The land plot was assessed based on the data indicated in the cadastral map. | Request should be sent to the Cadastre to correct the surface area and lot-code in the ownership certificate. |   |  |
| Undefined owners/right holders to the land plots |               |                  |  |                              |   |  |   |   |  |
| 31   | Alaverdi city | 06-002-0007-0002 | Arman Stepanyan  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot.       | Apply to the community to obtain the necessary bases/document of land allocation.                             |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 32   | Alaverdi city | 06-002-0141-0002 | Zhora Evoyan   | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot.       | Apply to the community to obtain the necessary bases/document of land allocation.                             |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 33   | Alaverdi city | 06-002-0193-0005 | Haykaz Asryan  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot.       | Apply to the community to obtain the necessary bases/document of land allocation.                             |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 34   | Alaverdi city | 06-002-0193-0006 | Haykaz Asryan  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot.       | Apply to the community to obtain the necessary bases/document of land allocation.                             |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 35   | Alaverdi city | 06-002-0194-0016 | Vahag Vardanyan  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot.       | Apply to the community to obtain the necessary bases/document of land allocation.                             |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |

| No | Community     | Cadastral Code   | Owners as per ownership certificate and/or actual holder | Owner as per Cadastral       | Description of the issue  | Reflection of the issue in the LARP                                    | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions | Possible Outcomes / Consequences   |
|----|---------------|------------------|--|------------------------------|---|--|---|---|--|
| 36 | Alaverdi city | 06-002-0198-0073 | unknown user   | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 37 | Alaverdi city | 06-002-0198-0074 | Hrant Bezhanyan  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 38 | Alaverdi city | 06-002-0198-0103 | Samvel Hovasapyan  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 39 | Alaverdi city | 06-002-0198-0104 | Andranik Hovasapyan                                      | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 40 | Alaverdi city | 06-002-0198-0116 | Andranik Hovasapyan                                      | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 41 | Alaverdi city | 06-002-0198-0141 | Lida Mikoyan   | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 42 | Alaverdi city | 06-002-0393-0014 | Ashot Nalbandyan   | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |

| No | Community     | Cadastral Code   | Owners as per ownership certificate and/or actual holder | Owner as per Cadastre        | Description of the issue  | Reflection of the issue in the LARP                                    | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions     | Possible Outcomes / Consequences   |
|----|---------------|------------------|--|------------------------------|---|--|---|---|--|
| 43 | Alaverdi city | 06-002-0393-0015 | Ashot Nalbandyan   | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 44 | Aygehat       | 06-014-0102-0002 | Andrey Qaramyanc   | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. | The owner is abroad, but there is a possibility of sending a power of attorney. | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 45 | Neghots       | 06-080-0005-0033 | Artavazd Gevorgyan                                       | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 46 | Odzun         | 06-112-0438-0087 | Aida Mantashyan  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 47 | Odzun         | 06-112-0502-0012 | Aveti Tamazyanyan  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 48 | Odzun         | 06-112-0505-0014 | Senik Mnacakanyan  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 49 | Odzun         | 06-112-0508-0014 | Anahit Pepanyan  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |

| No | Community | Cadastral Code   | Owners as per ownership certificate and/or actual holder | Owner as per Cadastral       | Description of the issue  | Reflection of the issue in the LARP                                    | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions | Possible Outcomes / Consequences   |
|----|-----------|------------------|--|------------------------------|---|--|---|---|--|
| 50 | Odzun     | 06-112-0508-0026 | Artak Nalbandyan   | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 51 | Odzun     | 06-112-0508-0027 | Ashot Titanyan   | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 52 | Odzun     | 06-112-0508-0030 | Ashot Titanyan   | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "physical entity property /state registration of rights is not done". | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 53 | Odzun     | 06-112-0514-0002 | Ashot Titanyan   | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "a citizen".  | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 54 | Odzun     | 06-112-0518-0022 | Mikuch Titanyan  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "a citizen".  | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |
| 55 | Shnogh    | 06-088-0058-0002 | Rubik Melqsetyan   | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "a citizen".  | According to DMS data there is an unregistered user of this land plot. | Apply to the community to obtain the necessary bases/document of land allocation. |   | In the absence of the necessary legal grounds/bases for land allocation, the owner of the land plot shall be recognized by judicial procedure. |



| No | Community | Cadastre Code    | Owners as per ownership certificate and/or actual holder | Owner as per Cadastre        | Description of the issue   | Reflection of the issue in the LARP                                   | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions | Possible Outcomes / Consequences   |
|----|-----------|------------------|--|------------------------------|--|---|---|---|--|
| 56 | Haghat    | 06-060-0203-0039 | private owner  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 57 | Neghots   | 06-080-0108-0019 | private owner  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 58 | Odzun     | 06-112-0508-0015 | private owner  | private/no rights registered | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 59 | Odzun     | 06-112-0508-0018 | private owner  | private                      | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 60 | Odzun     | 06-112-0508-0021 | private owner  | private                      | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 61 | Odzun     | 06-112-0514-0003 | private owner  | private                      | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |

| No | Community | Cadastre Code    | Owners as per ownership certificate and/or actual holder | Owner as per Cadastre | Description of the issue   | Reflection of the issue in the LARP                                   | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions | Possible Outcomes / Consequences   |
|----|-----------|------------------|--|-----------------------|--|---|---|---|--|
| 62 | Odzun     | 06-112-0517-0004 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 63 | Odzun     | 06-112-0517-0003 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 64 | Odzun     | 06-112-0517-0005 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 65 | Odzun     | 06-112-0518-0009 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 66 | Odzun     | 06-112-0518-0010 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 67 | Odzun     | 06-112-0518-0013 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen". | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |

| No                     | Community | Cadastral Code   | Owners as per ownership certificate and/or actual holder | Owner as per Cadastre | Description of the issue  | Reflection of the issue in the LARP                                   | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions | Possible Outcomes / Consequences   |
|------------------------|-----------|------------------|--|-----------------------|---|---|---|---|--|
| 68                     | Odzun     | 06-112-0518-0014 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen".                                | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 69                     | Odzun     | 06-112-0518-0016 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen".                                | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 70                     | Odzun     | 06-112-0602-0015 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen".                                | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 71                     | Odzun     | 06-112-0603-0002 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen".                                | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 72                     | Odzun     | 06-112-0603-0003 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen".                                | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| 73                     | Tumanyan  | 06-004-0048-0004 | private owner  | private               | According to the cadastral map for the right holder to the land plot it is marked "a citizen" which right are not registered. | According to DMS data no users have been identified on the land plot. | Apply to relevant authorities (cadaster and/or community) to obtain the necessary bases/documents of land allocation. |   | In the absence of the necessary legal grounds/bases/documents, the owner of the land plot shall be recognized by judicial procedure. |
| Other cadastral issues |           |                  |  |                       |   |   |   |   |  |

| No | Community     | Cadastre Code    | Owners as per ownership certificate and/or actual holder | Owner as per Cadastre                | Description of the issue  | Reflection of the issue in the LARP   | Necessary actions   | Documentary basis and institutional capacity to carry out necessary actions | Possible Outcomes / Consequences  |
|----|---------------|------------------|--|--------------------------------------|---|---|---|---|---|
| 74 | Alaverdi city | 06-002-0001-0057 |  | community/rent by Nona M. Kirakosyan | The boundaries of the land plots are not indicated on the cadastral map.  | The land plot was considered as community land based on the information received from the head of the community. When assessing it, the target significance was considered as "residential", functional significance as "commercial construction", actual usage as "other lands". | Request should be sent to the Cadastre to clearly indicate the boundaries of the mentioned land plots on the cadastral map. |   | In case if the location of the land will be corrected on the cadastral map, the land plot can be removed from RoW.                        |
| 75 | Alaverdi city | 06-002-0006-0016 | Hrach Stepanyan  | Sargis Stepanyan                     | The land plot is not registered in cadaster, in case of registration of rights on the name of Sargis Stepanyan (land code:06-0020006-0016), the affected part will become a community land. | The land plot was considered as ownership of Sargis Stepanyan. When assessing it, the target significance was considered as "residential", functional significance as "other land", actual usage as "other lands".  | Apply to the Cadastre for correction in cadaster map.   | The owner is dead. There is a problem of inheritance. There is no will.     | In case if the location of the land will be corrected on the cadastral map, the affected land plot will be considered as community owned. |
| 76 | Alaverdi city | 06-002-0006-0048 | Hovik Qaryan   | Shaqar Qaryan                        | The owner informed that there is an ownership certificate on the land, but t was not provided.  | The land plot was considered as ownership of Shaqar Qaryan. When assessing it, the target significance was considered as "residential", functional significance as "residential construction", actual usage as "residential construction".  | It is needed to obtain the ownership certificate.   | The owner is dead. There is a problem of inheritance. There is no will.     |   |
| 77 | Alaverdi city | 06-002-0191-0011 | Svetlana Dzavaryan                                       | Haykanush Dzavaryan                  | The owners are differ by ownership certificate and cadastral data.  | The land plot was considered as ownership of Svetlana Dzavaryan.  | Apply to the Cadastre for correction in cadaster data.  |   |   |
| 78 | Alaverdi city | 06-002-0198-0205 | Samvel Aghvanyan   | community/no rights registered       | There is an ownership certificate on the name of Samvel Aghvanyan from 1995.  | The land plot was considered as ownership of Samvel Aghvanyan.  | Apply to cadaster for re-registration (needs to be verified).   |   |   |
| 79 | Alaverdi city | 06-002-0198-0205 | Elichka Fidanyan   | community/no rights registered       | No ownership certificate available.   | The land plot was considered as ownership of Elichka Finayan (it is one of the residents of apartment building).  | It is needed to obtain the legal grounds/document on ownership right.   |   |   |
| 80 | Artchis       | 11-015-0247-0003 | Sergo Papikyan   | Sergo Papikyan                       | The actual location of the land plot differs in nature and on the cadastral map.  | The land plot was assessed based on cadastral map data.   | Apply to cadaster for correction in cadaster map/data.  |   |   |
| 81 | Haghpat       | 06-060-0230-0001 | Gagik Shahnazaryan                                       | community                            | Gagik Shahnazaryan has informed that there is an ownership certificate on the land, but t was not provided.   | The land plot was considered as ownership of Gagik Shahnazaryan.  | The ownership certificate needs to be obtained.   |   |   |
| 82 | Haghpat       | 06-060-0224-0008 | Albert Zurabyan  | legal entity                         | Albert Zurabyan has informed that there is an ownership certificate on the land, but t was not provided.  | The land plot was considered as ownership of Albert Zurabyan.   | The ownership certificate needs to be obtained.   |   |   |

| No | Community | Cadastre Code    | Owners as per ownership certificate and/or actual holder | Owner as per Cadastre | Description of the issue  | Reflection of the issue in the LARP   | Necessary actions  | Documentary basis and institutional capacity to carry out necessary actions  | Possible Outcomes / Consequences  |
|----|-----------|------------------|--|-----------------------|---|---|--|--|---|
| 83 | Neghots   | 06-080-0116-0170 | Spartak Qocharyan  | RA                    | There is a leas contract on the name of Aramays Qocharyan, but the theri is no lote-code or other data indicated in the leas contract to be able to identify if it is the mention land. Also ther is a inheritance issue. | The land plot was considered as ownership of RA.                                      | Apply to cadaster for for correction in cadaster map/data.               | If the leas is confirmed , then there will be an issue with the dead leasholder. There will be an inheritacne issue. | In case if the leas confirmed on the affected land, then the compensaton will be calculated for the leasholder. |
| 84 | Odzun     | 06-112-0437-0020 | Sirun Hovhannisyan                                       | Sargis Grigoryan      | The owners are differ by ownership certificate and cadastral data.  | The land plot was considered as ownership of Sirun Hovhannisyan based on certificate. | Apply to cadaster for for correction in cadaster map/data.               |  |   |
| 85 | Odzun     | 06-112-0437-0039 | Gagik Mkrtychyan   | community             | There is an ownership certificate from 1990s, but it is not possible to identify if this is the afected land plot or not.   | The land plot was considered as ownership of community.                               | Apply to cadaster for for correction in cadaster map/data.               |  |   |
| 86 | Odzun     | 06-112-0502-0012 | Avetiw Tamazyan  | private               | It was identified that there were docuements on the name of Levon Tamazyan towards the land plot, but the docuemtns have been lost.   | The land plot was considered as ownership of Avetiq Tamazyan.                         | The legal grounds/documents needs to be obtained on the ownership right. |  |   |

| Legalization issues      |           |                  |   |                           |   |
|--------------------------|-----------|------------------|---|---------------------------|---|
| No                       | Community | Cadastre Code    | Owners as per ownership certificate and actual holder | Owner as per cadastre     | Description of the issue  |
| Absent APs               |           |                  |   |                           |   |
| 1                        | Shnogh    | 06-088-0216-0008 | Tehmine Metsricyan A. 1/7                             | Tehmine Metsricyan A. 1/7 | The owner is abroad. There is no power of attorney, but there is an opportunity to get it.  |
| 2                        | Odzun     | 06-112-0518-0034 | Razmik Gorginyan S.                                   | Razmik Gorginyan          | The owner is abroad. There is no power of attorney, but there is an opportunity to get it.  |
| Discrepancy in documents |           |                  |   |                           |   |
| 3                        | Shnogh    | 06-088-0216-0008 | Ruzan Metsricyan A. 1/7                               | Ruzan Metsricyan A. 1/7   | There is a name / surname difference between ownership certificate and passport.  |
| Inheritance issue        |           |                  |   |                           |   |
| 4                        | Shnogh    | 06-088-0215-0002 | Hasmik Karapetyan S.                                  | Gagik Karapetyan          | The owner is dead. The death certificate is not available. There is a problem of inheritance with the possible heir. There is no will. The alleged heirs are abroad, but there is an opportunity to get it. |
| 5                        | Odzun     | 06-112-0438-0104 | Yeghishe Mantashyan L.                                | Aida Mantashayn           | The owner is dead. The death certificate is not available. There is a problem of inheritance. There is no will.   |

**APPENDIX 9. List of inaccessible locations (land plots) for inventory survey with descriptions**

| No | Marz | Coomunity     | Land cadastral code | Target purpose of the land plot                          | Usage purpose of the land plot              | Total land plto area per cadastral map, ha | Ownrship status towards the land plot per cadastral map | Actual right holder of the land plot | Location of the inaccessible land plots (piket/ location towards the road/ length of the land along the road) |       |     | Affected area, sqm |
|----|------|---------------|---------------------|--|---|--|---|--------------------------------------|---|-------|-----|--------------------|
| 1  | Lori | Akhtala       | 06-003-0062-0001    | Residential  | Other land                                  | 0,1849                                     | Community   | Coomunity                            | 665+20-666+00   | right | 80  | 1.002,00           |
| 2  | Lori | Alaverdi city | 06-002-0006-0017    | Residential  | Residential construction                    | 0,0606                                     | Community/no right registered                           | Community/no right registered        | 490+40-491+00   | left  | 60  | 355,00             |
| 3  | Lori | Alaverdi city | 06-002-0050-0038    | Agricultural/ Manufacturing, mining and other industrial | Other land/ arable/ agricultural-industrial | 104,7055                                   | Community/no right registered                           | Community/no right registered        | 536+80-539+65   | right | 285 | 3.413,00           |
| 4  | Lori | Alaverdi city | 06-002-0143-0002    | Residential  | Other land                                  | 3,8046                                     | Community/no right registered                           | Community/no right registered        | 539+65-540+60   | right | 95  | 443,00             |
| 5  | Lori | Alaverdi city | 06-002-0194-0001    | Residential  | Other land                                  | 5,5370                                     | Community/no right registered                           | Community/no right registered        | 473+50-474+60   | left  | 110 | 714,00             |
| 6  | Lori | Alaverdi city | 06-002-0194-0016    | Residential  | Residential construction                    | 0,2887                                     | Private/no rights registered                            | Private/no rights registered         | 472+40-473+20   | left  | 80  | 128,00             |
| 7  | Lori | Alaverdi city | 06-002-0203-0001    | Agricultural   | Other land                                  | 55,6209                                    | Community/no right registered                           | Community/no right registered        | 552+70-554+00   | right | 130 | 383,00             |
| 8  | Lori | Aygehat       | 06-014-0548-0001    | Agricultural   | Pasture                                     | 49,51270                                   | Community   | Unknown user                         | 401+00-406+85   | left  | 585 | 7.253,00           |
| 9  | Lori | Aygehat       | 06-014-0102-0001    | Residential  | Other land                                  | 0,52200                                    | Community   | Coomunity                            | 395+00-395+65   | left  | 65  | 983,00             |



| No | Marz | Coomunity | Land cadastral code | Target purpose of the land plot                                      | Usage purpose of the land plot | Total land plto area per cadastral map, ha | Ownrship status towards the land plot per cadastral map | Actual right holder of the land plot | Location of the inaccessible land plots (piket/ location towards the road/ length of the land along the road) |       |      | Affected area, sqm |
|----|------|-----------|---------------------|--|--------------------------------|--|---|--------------------------------------|---|-------|------|--------------------|
| 10 | Lori | Haghpat   | 06-060-0518-0001    | Energy, transport , coomunication and public infrastructural objects | Transport                      | 7,3289                                     | RA land   | RA land                              | 634+20-634+80   | right | 60   | 336,00             |
| 11 | Lori | Haghpat   | 06-060-0214-0006    | Agricutural  | Other land                     | 2,6803                                     | Community   | Coomunity                            | 566+00-569+60   | right | 360  | 3.000,00           |
| 12 | Lori | Haghpat   | 06-060-0214-0024    | Agricutural  | Pasture                        | 84,6272                                    | Community   | Unknown user                         | 577+50-582+00<br>586+40-590+80<br>595+00-603+40   | right | 1730 | 8.932,00           |
| 13 | Lori | Haghpat   | 06-060-0212-0003    | Agricutural  | Other land                     | 0,7457                                     | Community   | Coomunity                            | 605+80-606+30<br>608+20-608+70  | right | 100  | 925,00             |
| 14 | Lori | Haghpat   | 06-060-0212-0004    | Manufacturing, mining and other industrial                           | Industrial                     | 0,6227                                     | Community   | Coomunity                            | 610+00-610+70   | right | 70   | 116,00             |
| 15 | Lori | Haghpat   | 06-060-0212-0015    | Forest   | Forest                         | 266,623                                    | RA land   | RA land                              | 610+00-615+00   | right | 500  | 2.390,00           |
| 16 | Lori | Haghpat   | 06-060-0209-0013    | Agricutural  | Other land                     | 0,1118                                     | Community   | Coomunity                            | 628+70-629+70   | right | 100  | 402,00             |
| 17 | Lori | Haghpat   | 06-060-0209-0002    | Agricutural  | Other land                     | 0,4988                                     | Community   | Coomunity                            | 628+70-629+70   | right | 100  | 461,00             |
| 18 | Lori | Haghpat   | 06-060-0205-0001    | Forest   | Bush                           | 1,1476                                     | RA land   | RA land                              | 635+60-636+70   | right | 110  | 1.131,00           |
| 19 | Lori | Haghpat   | 06-060-0300-0001    | Agricutural  | Other land                     | 0,8139                                     | Community   | Coomunity                            | 640+00-640+40   | right | 40   | 231,00             |

| No | Marz | Coomunity | Land cadastral code | Target purpose of the land plot                                      | Usage purpose of the land plot | Total land plto area per cadastral map, ha | Ownrship status towards the land plot per cadastral map | Actual right holder of the land plot | Location of the inaccessible land plots (piket/ location towards the road/ length of the land along the road) |       |     | Affected area, sqm |
|----|------|-----------|---------------------|--|--------------------------------|--|---|--------------------------------------|---|-------|-----|--------------------|
| 20 | Lori | Neghots   | 06-080-0550-0001    | Energy, transport , coomunication and public infrastructural objects | Transport                      | 2,2009                                     | RA land   | RA land                              | 642+40-646+40   | right | 400 | 2.190,00           |
| 21 | Lori | Neghots   | 06-080-0107-0010    | Residential  | Other land                     | 4,8769                                     | Community   | Coomunity                            | 690+40-692+00   | left  | 160 | 1.711,00           |
| 22 | Lori | Neghots   | 06-080-0107-0050    | Agricutral   | Other land                     | 1,3956                                     | Community   | Coomunity                            | 703+00-704+00   | left  | 100 | 530,00             |
| 23 | Lori | Neghots   | 06-080-0103-0001    | Agricutral   | Pasture                        | 12,8781                                    | Community   | Coomunity                            | 709+00-713+00   | right | 400 | 3.724,00           |
| 24 | Lori | Neghots   | 06-080-0105-0001    | Forest   | Forest                         | 46,2339                                    | RA land   | RA land                              | 685+20-687+00<br>690+00-694+00  | right | 580 | 3.454,00           |
| 25 | Lori | Odzun     | 06-112-0437-0013    | Residential  | Other land                     | 0,2295                                     | Community   | Coomunity                            | 468+00-468+60   | left  | 60  | 311,00             |
| 26 | Lori | Odzun     | 06-112-0437-0015    | Residential  | Other land                     | 0,0436                                     | Community   | Coomunity                            | 467+20-468+00   | left  | 80  | 246,00             |
| 27 | Lori | Odzun     | 06-112-0437-0016    | Residential  | Other land                     | 0,5727                                     | Community   | Coomunity                            | 466+60-466+90   | left  | 30  | 98,00              |
| 28 | Lori | Odzun     | 06-112-0437-0043    | Residential  | Other land                     | 0,1449                                     | Community   | Vram Gevorgyan                       | 463+00-463+40   | left  | 40  | 741,00             |
| 29 | Lori | Odzun     | 06-112-0437-0052    | Residential  | Other land                     | 1,2701                                     | Community   | Unknown user (Norik?)                | 458+80-461+40   | left  | 260 | 4.458,00           |
| 30 | Lori | Odzun     | 06-112-0438-0014    | Agricutral   | Other land                     | 7,2594                                     | RA land   | RA land                              | 451+00-453+00   | left  | 200 | 796,00             |

| No | Marz | Coomunity | Land cadastral code | Target purpose of the land plot | Usage purpose of the land plot | Total land plto area per cadastral map, ha | Ownrship status towards the land plot per cadastral map | Actual right holder of the land plot | Location of the inaccessible land plots (piket/ location towards the road/ length of the land along the road) |       |      | Affected area, sqm |
|----|------|-----------|---------------------|---------------------------------|--------------------------------|--|---|--------------------------------------|---|-------|------|--------------------|
| 31 | Lori | Odzun     | 06-112-0438-0055    | Agricultural                    | Other land                     | 7,8626                                     | RA land   | Aida Mantashyan                      | 444+00-448+50   | left  | 450  | 4.475,00           |
| 32 | Lori | Odzun     | 06-112-0508-0018    | Residential                     | Residential construction       | 0,0866                                     | Private   | Private                              | 436+00  | left  | 20   | 263,00             |
| 33 | Lori | Odzun     | 06-112-0508-0021    | Residential                     | Residential construction       | 0,0686                                     | Private   | Private                              | 435+80  | left  | 20   | 159,00             |
| 34 | Lori | Odzun     | 06-112-0439-0051    | Agricultural                    | Other land                     | 149,1409                                   | RA land   | Luiza Reztevanyan                    | 407+70-427+40   | left  | 1970 | 9.944,00           |
| 35 | Lori | Odzun     | 06-112-0602-0015    | Residential                     | Residential construction       | 0,0857                                     | Private   | Private                              | 422+40  | left  | 20   | 257,00             |
| 36 | Lori | Odzun     | 06-112-0603-0002    | Residential                     | Residential construction       | 0,0820                                     | Private   | Private                              | 422+00  | left  | 20   | 420,00             |
| 37 | Lori | Odzun     | 06-112-0603-0003    | Residential                     | Residential construction       | 0,0800                                     | Private   | Private                              | 421+60  | left  | 20   | 199,00             |
| 38 | Lori | Odzun     | 06-112-0603-0005    | Residential                     | Other land                     | 0,0308                                     | Community   | Coomunity                            | 421+40-422+20   | left  | 80   | 307,00             |
| 39 | Lori | Odzun     | 06-112-0461-0068    | Residential                     | Other land                     | 0,1060                                     | Community   | Coomunity                            | 412+00-412+30   | right | 30   | 112,00             |
| 40 | Lori | Odzun     | 06-112-0461-0067    | Residential                     | Other land                     | 0,1092                                     | Community   | Coomunity                            | 412+30-412+60   | right | 30   | 116,00             |
| 41 | Lori | Odzun     | 06-112-0461-0039    | Residential                     | Other land                     | 0,1890                                     | Community   | Coomunity                            | 422+10-422+50   | right | 40   | 181,00             |
| 42 | Lori | Odzun     | 06-112-0461-0038    | Residential                     | Other land                     | 0,1910                                     | Community   | Coomunity                            | 422+60-422+80   | right | 20   | 40,00              |

| No           | Marz | Coomunity | Land cadastral code | Target purpose of the land plot | Usage purpose of the land plot | Total land plto area per cadastral map, ha | Ownrship status towards the land plot per cadastral map | Actual right holder of the land plot | Location of the inaccessible land plots (piket/ location towards the road/ length of the land along the road) |       |                  | Affected area, sqm |
|--------------|------|-----------|---------------------|---------------------------------|--------------------------------|--|---|--------------------------------------|---|-------|------------------|--------------------|
| 43           | Lori | Odzun     | 06-112-0461-0037    | Residential                     | Other land                     | 0,1824                                     | Community   | Coomunity                            | 422+80-423+20   | right | 40               | 118,00             |
| 44           | Lori | Odzun     | 06-112-0461-0017    | Agricultural                    | Other land                     | 1,0119                                     | RA land   | RA land                              | 432+80-436+60   | right | 380              | 300,00             |
| 45           | Lori | Odzun     | 06-112-0461-0014    | Residential                     | Other land                     | 0,1180                                     | Community   | Coomunity                            | 437+30-438+40   | right | 110              | 299,00             |
| 46           | Lori | Odzun     | 06-112-0461-0008    | Residential                     | Other land                     | 0,4739                                     | Community   | Coomunity                            | 442+40-443+00   | right | 60               | 150,00             |
| 47           | Lori | Shnogh    | 06-088-0836-0001    | Agricultural                    | Other land                     | 1,0713                                     | Community   | Coomunity                            | 713+60-714+80   | right | 120              | 256,00             |
| 48           | Lori | Shnogh    | 06-088-0058-0006    | Agricultural                    | Other land                     | 1,0713                                     | Community   | Coomunity                            | 719+30-720+75   | right | 145              | 1.404,00           |
| 49           | Lori | Tumanyan  | 06-004-0048-0004    | Residential                     | Residential construction       | 0,1496                                     | Private   | Private                              | 385+00-386+00   | left  | 100              | 718,00             |
| <b>Total</b> |      |           |                     |                                 |                                |  |   |                                      |   |       | <b>70.575,00</b> |                    |

## **APPENDIX 10 Breakdown of LAR Impact and Budget Tables**

Table 1: Compensation Cost for Private Lands by Type and Lots

| Lot   | Type                |                         | Plots | Affected Area | Average Unit Price | Total Cost    | Total Compensation (including 15%) |
|-------|---------------------|-------------------------|-------|---------------|--------------------|---------------|------------------------------------|
|       |                     |                         | No    | m2            | AMD                | AMD           | AMD                                |
| Lot 1 | Aygehat             |                         |       |               |                    |               |                                    |
|       | B. Non-agricultura  | Residential             | 2     | 375,1         | 1.410,00           | 528.891,00    | 608.224,65                         |
|       | Tumanyan            |                         |       |               |                    |               |                                    |
|       | A. Agricultural     | Orchard                 | 1     | 717,7         | 1.410,00           | 1.011.957,00  | 1.163.750,55                       |
|       | Alaverdi            |                         |       |               |                    |               |                                    |
|       | A. Agricultural     | Orchard                 | 3     | 167,8         | 2.050,00           | 343.990,00    | 395.588,50                         |
|       | B. Non-agricultural | Residential             | 13    | 1.685,7       | 1.552,15           | 2.616.453,00  | 3.008.920,95                       |
|       |                     | Commercial              | 2     | 23,0          | 3.618,70           | 83.230,00     | 95.714,50                          |
|       |                     | Other land              | 2     | 158,1         | 1.789,79           | 282.966,00    | 325.410,90                         |
|       | Odzun               |                         |       |               |                    |               |                                    |
|       | A. Agricultural     | Orchard                 | 9     | 3.386,5       | 1.545,01           | 5.232.163,00  | 6.016.987,45                       |
|       | B. Non-agricultural | Residential             | 2     | 189,9         | 1.410,00           | 267.759,00    | 307.922,85                         |
|       |                     | Commercial              | 2     | 66,5          | 1.770,00           | 117.705,00    | 135.360,75                         |
|       |                     | Other land              | 15    | 4.219,5       | 1.378,44           | 5.816.310,00  | 6.688.756,50                       |
|       | Subtotal Lot 1      |                         | 51    | 10.989,80     | -                  | 16.301.424,00 | 18.746.637,60                      |
| Lot 2 | Haghpat             |                         |       |               |                    |               |                                    |
|       | A. Agricultural     | Orchard                 | 1     | 703,6         | 1.550,00           | 1.090.580,00  | 1.254.167,00                       |
|       |                     | Agricultural industrial | 1     | 212,7         | 1.060,00           | 225.462,00    | 259.281,30                         |
|       | B. Non-agricultural | Industrial              | 4     | 582,0         | 1.060,00           | 616.920,00    | 709.458,00                         |
|       |                     | Commercial              | 3     | 307,9         | 1.770,00           | 544.983,00    | 626.730,45                         |
|       |                     | Other land              | 1     | 116,0         | 164,00             | 19.024,00     | 21.877,60                          |
|       | Alaverdi            |                         |       |               |                    |               |                                    |
|       | A. Agricultural     | Orchard                 | 1     | 17,5          | 2.050,00           | 35.875,00     | 41.256,25                          |
|       | B. Non-agricultural | Industrial              | 1     | 105,4         | 1.250,00           | 131.750,00    | 151.512,50                         |
|       |                     | Residential             | 1     | 182,2         | 1.860,00           | 338.892,00    | 389.725,80                         |
|       |                     | Other land              | 2     | 252,8         | 1.515,61           | 383.147,00    | 440.619,05                         |
|       | Subtotal Lot 2      |                         | 15    | 2.480,10      | -                  | 3.386.633,00  | 3.894.627,95                       |
| Lot 3 | Artchis             |                         |       |               |                    |               |                                    |
|       | B. Non-agricultural | Commercial              | 1     | 56,0          | 1.770,00           | 99.120,00     | 113.988,00                         |
|       | Neghots             |                         |       |               |                    |               |                                    |
|       | A. Agricultural     | Orchard                 | 1     | 33,2          | 1.550,00           | 51.460,00     | 59.179,00                          |
|       | B. Non-agricultural | Industrial              | 1     | 54,8          | 1.060,00           | 58.088,00     | 66.801,20                          |
|       |                     | Other land              | 2     | 1.195,9       | 1.030,74           | 1.232.657,00  | 1.417.555,55                       |
|       | Shnogh              |                         |       |               |                    |               |                                    |

| Lot   | Type                |                         | Plots | Affected Area | Average Unit Price | Total Cost    | Total Compensation (including 15%) |
|-------|---------------------|-------------------------|-------|---------------|--------------------|---------------|------------------------------------|
|       |                     |                         | No    | m2            | AMD                | AMD           | AMD                                |
|       | A. Agricultural     | Orchard                 | 6     | 751,1         | 1.550,00           | 1.164.205,00  | 1.338.835,75                       |
|       | B. Non-agricultural | Commercial              | 2     | 178,4         | 1.770,00           | 315.768,00    | 363.133,20                         |
|       | Subtotal Lot 3      |                         | 13    | 2.269,4       | -                  | 2.921.298,00  | 3.359.492,70                       |
| Total | A. Agricultural     | Orchard                 | 22    | 5.777,4       | 1.545,72           | 8.930.230,00  | 10.269.764,50                      |
|       |                     | Agricultural industrial | 1     | 212,7         | 1.060,00           | 225.462,00    | 259.281,30                         |
|       | B. Non-agricultural | Industrial              | 6     | 742,2         | 1.086,98           | 806.758,00    | 927.771,70                         |
|       |                     | Residential             | 18    | 2.432,9       | 1.542,19           | 3.751.995,00  | 4.314.794,25                       |
|       |                     | Commercial              | 10    | 631,8         | 1.837,30           | 1.160.806,00  | 1.334.926,90                       |
|       |                     | Other land              | 22    | 5.942,3       | 1.301,53           | 7.734.104,00  | 8.894.219,60                       |
|       | Total               |                         | 79    | 15.739,3      | -                  | 22.609.355,00 | 26.000.758,25                      |

Table 2: Compensation Cost for Coomunity Lands by Type and Lots

| Lot   | Type                |             | Plots | Affected Area | Average Unit Price | Total Cost    | Total Compensation (including 15%) |
|-------|---------------------|-------------|-------|---------------|--------------------|---------------|------------------------------------|
|       |                     |             | No    | m2            | AMD                | AMD           | AMD                                |
| Lot 1 | Aygehat             |             |       |               |                    |               |                                    |
|       | A. Agricultural     | Pasture     | 3     | 9.937,0       | 218,52             | 2.171.461,00  | 2.497.180,15                       |
|       | B. Non-agricultural | Road        | 1     | 44,3          | 1.030,00           | 45.629,00     | 52.473,35                          |
|       |                     | Other land  | 6     | 8.209,7       | 984,29             | 8.080.703,80  | 9.292.809,37                       |
|       | Alaverdi            |             |       |               |                    |               |                                    |
|       | B. Non-agricultural | Residential | 25    | 417,8         | 1.823,12           | 761.699,00    | 875.953,85                         |
|       |                     | Road        | 3     | 522,2         | 1.340,00           | 699.748,00    | 804.710,20                         |
|       |                     | Other land  | 17    | 4.260,1       | 1.450,41           | 6.178.889,00  | 7.105.722,35                       |
|       | Odzun               |             |       |               |                    |               |                                    |
|       | B. Non-agricultural | Residential | 1     | 100,5         | 1.410,00           | 141.705,00    | 162.960,75                         |
|       |                     | Road        | 17    | 743,1         | 1.030,00           | 765.393,00    | 880.201,95                         |
|       |                     | Other land  | 76    | 24.683,0      | 979,25             | 24.170.835,00 | 27.796.460,25                      |
|       | Subtotal Lot 1      |             | 149   | 48.917,7      | -                  | 43.016.062,80 | 49.468.472,22                      |
| Lot 2 | Akori               |             |       |               |                    |               |                                    |
|       | A. Agricultural     | Pasture     | 2     | 588,6         | 219,00             | 128.903,40    | 148.238,91                         |
|       | Haghpat             |             |       |               |                    |               |                                    |
|       | A. Agricultural     | Pasture     | 1     | 14.603,9      | 179,00             | 2.614.098,10  | 3.006.212,82                       |
|       | B. Non-agricultural | Road        | 1     | 79,2          | 179,00             | 14.176,80     | 16.303,32                          |
|       |                     | Other land  | 31    | 28.174,5      | 192,05             | 5.410.920,30  | 6.222.558,35                       |
|       | Alaverdi            |             |       |               |                    |               |                                    |
|       | B. Non-             | Road        | 5     | 401,8         | 1.340,00           | 538.412,00    | 619.173,80                         |

| Lot   | Type                |             | Plots | Affected Area | Average Unit Price | Total Cost     | Total Compensation (including 15%) |
|-------|---------------------|-------------|-------|---------------|--------------------|----------------|------------------------------------|
|       |                     |             | No    | m2            | AMD                | AMD            | AMD                                |
|       | agricultural        | Other land  | 40    | 16.475,9      | 1.076,03           | 17.728.511,90  | 20.387.788,69                      |
|       | Subtotal Lot 2      |             | 80    | 60.323,9      | -                  | 26.435.022,50  | 30.400.275,88                      |
|       | Akhtala             |             |       |               |                    |                |                                    |
| Lot 3 | B. Non-agricultural | Other land  | 7     | 5.591,4       | 1.130,00           | 6.318.282,00   | 7.266.024,30                       |
|       | Artchis             |             |       |               |                    |                |                                    |
|       | B. Non-agricultural | Other land  | 2     | 1.496,5       | 163,65             | 244.907,00     | 281.643,05                         |
|       | Haghpat             |             |       |               |                    |                |                                    |
|       | B. Non-agricultural | Road        | 1     | 43,9          | 164,00             | 7.199,60       | 8.279,54                           |
|       |                     | Other land  | 12    | 4.855,9       | 250,32             | 1.215.519,00   | 1.397.846,85                       |
|       | Neghots             |             |       |               |                    |                |                                    |
|       | A. Agricultural     | Pasture     | 2     | 7.608,5       | 212,70             | 1.618.347,50   | 1.861.099,63                       |
|       | B. Non-agricultural | Road        | 2     | 96,8          | 1.062,75           | 102.874,00     | 118.305,10                         |
|       |                     | Other land  | 22    | 20.899,6      | 748,24             | 15.637.830,40  | 17.983.504,96                      |
|       | Shnogh              |             |       |               |                    |                |                                    |
|       | A. Agricultural     | Pasture     | 2     | 1.506,3       | 219,00             | 329.879,70     | 379.361,66                         |
|       |                     | Grass       | 1     | 566,9         | 219,00             | 124.151,10     | 142.773,77                         |
|       |                     | Arable      | 3     | 1.074,2       | 274,00             | 294.330,80     | 338.480,42                         |
|       | B. Non-agricultural | Road        | 3     | 135,3         | 1.090,53           | 147.549,00     | 169.681,35                         |
|       |                     | Other land  | 27    | 24.080,9      | 232,83             | 5.606.816,00   | 6.447.838,40                       |
|       | Subtotal Lot 3      |             | 84    | 67.956,2      | -                  | 31.647.686,10  | 36.394.839,02                      |
| Total | A. Agricultural     | Pasture     | 10    | 34.244,3      | 200,40             | 6.862.689,70   | 7.892.093,16                       |
|       |                     | Grass       | 1     | 566,9         | 219,00             | 124.151,10     | 142.773,77                         |
|       |                     | Arable      | 26    | 518,3         | 1.743,01           | 903.404,00     | 1.038.914,60                       |
|       | B. Non-agricultural | Residential | 3     | 1.074,2       | 274,00             | 294.330,80     | 338.480,42                         |
|       |                     | Road        | 33    | 2.066,6       | 1.123,09           | 2.320.981,40   | 2.669.128,61                       |
|       |                     | Other land  | 240   | 138.727,5     | 653,03             | 90.593.214,40  | 104.182.196,56                     |
|       | Total               |             | 313   | 177.197,8     | -                  | 101.098.771,40 | 116.263.587,11                     |



Table 3: Compensation Cost for Non-identified Lands by Type and Lots

| Non-identified Lands |                     |            |       |               |                    |            |                                    |
|----------------------|---------------------|------------|-------|---------------|--------------------|------------|------------------------------------|
| Lot                  | Type                |            | Plots | Affected Area | Average Unit Price | Total Cost | Total Compensation (including 15%) |
|                      |                     |            | No    | m2            | AMD                | AMD        | AMD                                |
| Alaverdi             |                     |            |       |               |                    |            |                                    |
| Lot 1                | B. Non-agricultural | Other land | 1     | 47,8          | 1.490,00           | 71.222,00  | 81.905,30                          |
|                      | Subtotal Lot 1      |            | 1     | 47,8          | -                  | 71.222,00  | 81.905,30                          |
| Lot 2                | B. Non-agricultural | Commercial | 1     | 18,8          | 2.330,00           | 43.804,00  | 50.374,60                          |
|                      | B. Non-agricultural | Other land | 1     | 68,5          | 1.490,00           | 102.065,00 | 117.374,75                         |
|                      | Subtotal Lot 2      |            | 2     | 87,3          | -                  | 145.869,00 | 167.749,35                         |
| Total                | B. Non-agricultural | Commercial | 1     | 18,8          | 2.330,00           | 43.804,00  | 50.374,60                          |
|                      |                     | Other land | 2     | 116,3         | 1.490,00           | 173.287,00 | 199.280,05                         |
|                      | Total               |            | 3     | 135,1         | -                  | 217.091,00 | 249.654,65                         |

Table 4: Fruit Trees Compensation for Seedlings per Community and Lots

| Type of tree   | Lot 1          |              |                |              | Lot 3          |              | Total              |                |              |
|----------------|----------------|--------------|----------------|--------------|----------------|--------------|--------------------|----------------|--------------|
|                | Alaverdi       |              | Odzun          |              | Shogh          |              |                    |                |              |
|                | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Unit cost per tree | Affected trees | Compensation |
|                | No             | AMD          | No             | AMD          | No             | AMD          | AMD                | No             | AMD          |
| B. Fruit Trees |                |              |                |              |                |              |                    |                |              |
| Cherry         | 4              | 36.440       | -              | -            | -              | -            | 9.110              | 4              | 36.440       |
| Apricot        | 8              | 338.640      | 2              | 84.660       | -              | -            | 42.330             | 10             | 423.300      |
| Plum (Shlor)   | -              | -            | -              | -            | 10             | 102.100      | 10.210             | 10             | 102.100      |
| Total          | 12             | 375.080      | 2              | 84.660       | 10             | 102.100      | -                  | 24             | 561.840      |

Table 5: Fruit Trees Compensation for Not-yet productive Trees per Community and Lots

| Type of tree    | Lot 1          |              |                |              |                |              | Lot 2          |              |                |              | Lot 3          |              |                |              |                |              | Total              |                |              |
|-----------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|--------------------|----------------|--------------|
|                 | Aygehat        |              | Alaverdi       |              | Odzun          |              | Haghpat        |              | Alaverdi       |              | Artchis        |              | Neghots        |              | Shnogh         |              |                    |                |              |
|                 | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Unit cost per tree | Affected trees | Compensation |
|                 | No             | AMD          | No             | AMD          | No             | AMD          | No             | AMD          | No             | AMD          | No             | AMD          | No             | AMD          | No             | AMD          | AMD                | No             | AMD          |
| A. Fruit Bushes |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                    |                |              |
| Sea buckthorn   | -              | -            | -              | -            | -              | -            | -              | -            | 1              | 46.160       | -              | -            | -              | -            | -              | -            | 46.160             | 1              | 46.160       |

| Type of tree   | Lot 1          |              |                |              |                |              | Lot 2          |              |                |              | Lot 3          |              |                |              |                |              | Total              |                |              |
|----------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|--------------------|----------------|--------------|
|                | Aygehat        |              | Alaverdi       |              | Odzun          |              | Haghpat        |              | Alaverdi       |              | Artchis        |              | Neghots        |              | Shnogh         |              | Total              |                |              |
|                | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Affected trees | Compensation | Unit cost per tree | Affected trees | Compensation |
|                | No             | AMD          | No             | AMD          | No             | AMD          | No             | AMD          | No             | AMD          | No             | AMD          | No             | AMD          | No             | AMD          | AMD                | No             | AMD          |
| Subtotal A     | -              | -            | -              | -            | -              | -            | -              | -            | 1              | 46.160       | -              | -            | -              | -            | -              | -            | -                  | 1              | 46.160       |
| B. Fruit Trees |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                |              |                    |                |              |
| Cherry         | -              | -            | 2              | 49.620       | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | 24.810             | 2              | 49.620       |
| Peach          | -              | -            | 1              | 29.074       | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | 29.074             | 1              | 29.074       |
| Olive          | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | 1              | 64.211       | 64.211             | 1              | 64.211       |
| Walnut         | 2              | 362.092      | 1              | 81.796       | 8              | 1.488.068    | -              | -            | 1              | 161.196      | -              | -            | -              | -            | 3              | 443.888      | 169.136            | 15             | 2.537.040    |
| Fig            | -              | -            | 2              | 140.200      | 3              | 277.640      | -              | -            | -              | -            | 2              | 207.540      | -              | -            | 6              | 622.620      | 96.000             | 13             | 1.248.000    |
| Mulberry       | -              | -            | -              | -            | 5              | 445.470      | 1              | 120.670      | 3              | 243.600      | -              | -            | 1              | 120.670      | 5              | 445.470      | 91.725             | 15             | 1.375.880    |
| Grapes         | -              | -            | 3              | 92.310       | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | 30.770             | 3              | 92.310       |
| Apple          | -              | -            | 1              | 96.010       | 3              | 231.180      | -              | -            | 3              | 136.430      | -              | -            | -              | -            | -              | -            | 66.231             | 7              | 463.620      |
| Date           | -              | -            | -              | -            | 4              | 258.420      | -              | -            | -              | -            | -              | -            | -              | -            | 1              | 91.110       | 69.906             | 5              | 349.530      |
| Apricot        | -              | -            | 2              | 244.940      | 3              | 567.760      | -              | -            | 2              | 405.220      | -              | -            | -              | -            | -              | -            | 173.989            | 7              | 1.217.920    |
| Persimmon      | -              | -            | -              | -            | 1              | 134.270      | -              | -            | -              | -            | -              | -            | -              | -            | 2              | 268.540      | 134.270            | 3              | 402.810      |
| Sweet cherry   | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | 3              | 158.133      | 52.711             | 3              | 158.133      |
| Cornel         | -              | -            | 20             | 487.200      | 2              | 48.720       | -              | -            | -              | -            | -              | -            | -              | -            | -              | -            | 24.360             | 22             | 535.920      |
| Pomegranate    | -              | -            | -              | -            | -              | -            | -              | -            | 1              | 26.760       | -              | -            | -              | -            | -              | -            | 26.760             | 1              | 26.760       |
| Plum           | -              | -            | -              | -            | 6              | 139.560      | -              | -            | 21             | 714.210      | -              | -            | -              | -            | 1              | 34.010       | 31.706             | 28             | 887.780      |
| Quince         | -              | -            | -              | -            | 14             | 1.399.840    | -              | -            | 5              | 260.920      | -              | -            | -              | -            | 3              | 349.080      | 91.356             | 22             | 2.009.840    |
| Pear           | -              | -            | -              | -            | 1              | 180.360      | -              | -            | 3              | 273.180      | -              | -            | -              | -            | -              | -            | 113.385            | 4              | 453.540      |
| Hazelnut       | -              | -            | -              | -            | -              | -            | -              | -            | 4              | 199.184      | -              | -            | -              | -            | 4              | 436.184      | 79.421             | 8              | 635.368      |
| Subtotal B     | 2              | 362.092      | 32             | 1.221.150    | 50             | 5.171.288    | 1              | 120.670      | 43             | 2.420.700    | 2              | 207.540      | 1              | 120.670      | 29             | 2.913.246    | -                  | 160            | 12.537.356   |
| Total          | 2              | 362.092      | 32             | 1.221.150    | 50             | 5.171.288    | 1              | 120.670      | 44             | 2.466.860    | 2              | 207.540      | 1              | 120.670      | 29             | 2.913.246    | -                  | 161            | 12.583.516   |

**Table 6: Fruit Trees Compensation for Fruit-bearing Trees per Community and Lots**

| Type of tree           | Total        |           |                                      |                    |                |                    |
|------------------------|--------------|-----------|--------------------------------------|--------------------|----------------|--------------------|
|                        | Annual yield | Unit cost | Years to re-grow to productive level | Unit cost per tree | Affected trees | Compensation       |
|                        | Kg           | AMD/kg    | No                                   | AMD                | No             | AMD                |
| <b>A. Fruit Bushes</b> |              |           |                                      |                    |                |                    |
| Raspberry              | 0,2          | 840       | 3                                    | 788,22             | 7.515          | 5.923.473,3        |
| Currant                | 3            | 600       | 3                                    | 7.613              | 104            | 791.752,0          |
| Rose hip               | 5            | 320       | 3                                    | 6.761              | 9              | 60.849,0           |
| Dewberry               | 0,2          | 630       | 3                                    | 662,22             | 4.420          | 2.927.012,4        |
| Barberry               | 5            | 1.000     | 4                                    | 23.748             | 1              | 23.748,0           |
| Hawthorn               | 5            | 320       | 3                                    | 6.761              | 3              | 20.283,0           |
| <b>Subtotal A</b>      | -            | -         | -                                    | -                  | <b>12.052</b>  | <b>9.747.117,7</b> |
| <b>B. Fruit Trees</b>  |              |           |                                      |                    |                |                    |
| Cherry                 | 20           | 320       | 4                                    | 32.660             | 39             | 1.273.740,0        |
| Guelder-rose           | 30           | 250       | 6                                    | 54.960             | 59             | 3.242.640,0        |
| Peach                  | 40           | 330       | 3                                    | 42.811             | 50             | 2.140.550,0        |
| Medlar                 | 30           | 300       | 5                                    | 54.610             | 1              | 54.610,0           |
| Walnut                 | 30           | 1.240     | 6                                    | 240.596            | 134            | 32.239.864,0       |
| Fig                    | 40           | 800       | 4                                    | 137.440            | 273            | 37.521.120,0       |
| Mulberry               | 90           | 420       | 4                                    | 160.140            | 109            | 17.455.260,0       |
| Grapes                 | 25           | 330       | 4                                    | 40.690             | 112            | 4.557.280,0        |
| Apple                  | 50           | 350       | 6                                    | 114.960            | 20             | 2.299.200,0        |
| Date                   | 20           | 800       | 7                                    | 126.450            | 23             | 2.908.350,0        |
| Apricot                | 80           | 480       | 6                                    | 242.680            | 50             | 12.134.000,0       |
| Persimmon              | 50           | 840       | 5                                    | 221.610            | 21             | 4.653.810,0        |
| Sweet cherry           | 30           | 550       | 4                                    | 69.748             | 6              | 418.488,0          |
| Cornel                 | 20           | 480       | 4                                    | 46.460             | 112            | 5.203.520,0        |
| Buckthorn              | 10           | 370       | 4                                    | 22.360             | 92             | 2.057.120,0        |
| Almond                 | 15           | 1.060     | 5                                    | 94.396             | 1              | 94.396,0           |
| Pomegranate            | 10           | 1.030     | 5                                    | 62.010             | 26             | 1.612.260,0        |

| Type of tree      | Total        |           |                                      |                    |                |                      |
|-------------------|--------------|-----------|--------------------------------------|--------------------|----------------|----------------------|
|                   | Annual yield | Unit cost | Years to re-grow to productive level | Unit cost per tree | Affected trees | Compensation         |
|                   | Kg           | AMD/kg    | No                                   | AMD                | No             | AMD                  |
| Plum (Shlor)      | 25           | 260       | 5                                    | 42.010             | 7              | 294.070,0            |
| Plum              | 30           | 310       | 4                                    | 44.760             | 238            | 10.652.880,0         |
| Quince            | 25           | 850       | 6                                    | 139.280            | 75             | 10.446.000,0         |
| Pear              | 60           | 720       | 6                                    | 269.660            | 10             | 2.696.600,0          |
| Hazelnut          | 20           | 1.060     | 6                                    | 144.596            | 59             | 8.531.164,0          |
| Oleaster          | 40           | 530       | 5                                    | 117.110            | 4              | 468.440,0            |
| <b>Subtotal B</b> | -            | -         | -                                    | -                  | <b>1.521</b>   | <b>162.955.362,0</b> |
| <b>Total</b>      | -            | -         | -                                    | -                  | <b>13.573</b>  | <b>172.702.479,7</b> |

**Table 7: Compensation of Wood Trees per Community and Lots- Small (0-13cm)**

| Type     | Lot 1   |              |          |              |       |              | Lot 2    |              | Total |           |              |
|----------|---------|--------------|----------|--------------|-------|--------------|----------|--------------|-------|-----------|--------------|
|          | Aygehat |              | Alaverdi |              | Odzun |              | Alaverdi |              |       |           |              |
|          | No      | Compensation | No       | Compensation | No    | Compensation | No       | Compensation | No    | Unit cost | Compensation |
|          |         | No           |          | No           |       | No           |          | No           |       | No        | AMD          |
| Acacia   | -       | -            | -        | -            | -     | -            | 5        | 11.550       | 5     | 2.310     | 11.550       |
| Maple    | 1       | 2.310        | -        | -            | 1     | 2.310        | -        | -            | 2     | 2.310     | 4.620        |
| Oak      | -       | -            | -        | -            | 1     | 1.890        | -        | -            | 1     | 1.890     | 1.890        |
| Ash Tree | -       | -            | 1        | 1.890        | 12    | 22.680       | -        | -            | 13    | 1.890     | 24.570       |
| Total    | 1       | 2.310        | 1        | 1.890        | 14    | 26.880       | 5        | 11.550       | 21    | -         | 42.630       |

**Table 8: Compensation of Wood Trees per Community and Lots- Medium growth (13-22cm)**

| Type     | Lot 1   |              |       |              | Lot 2   |              |          |              | Lot 3  |              | Total |           |              |
|----------|---------|--------------|-------|--------------|---------|--------------|----------|--------------|--------|--------------|-------|-----------|--------------|
|          | Aygehat |              | Odzun |              | Haghpat |              | Alaverdi |              | Shnogh |              |       |           |              |
|          | No      | Compensation | No    | Compensation | No      | Compensation | No       | Compensation | No     | Compensation | No    | Unit cost | Compensation |
|          |         | No           |       | No           |         | No           |          | No           |        | No           |       | No        | AMD          |
| Acacia   | -       | -            | -     | -            | -       | -            | 1        | 8.960        | -      | -            | 1     | 8.960     | 8.960        |
| Poplar   | -       | -            | -     | -            | 1       | 8.960        | -        | -            | -      | -            | 1     | 8.960     | 8.960        |
| Maple    | 1       | 8.960        | -     | -            | -       | -            | -        | -            | -      | -            | 1     | 8.960     | 8.960        |
| Oak      | -       | -            | 1     | 7.560        | -       | -            | -        | -            | 1      | 7.560        | 2     | 7.560     | 15.120       |
| Ash Tree | 5       | 37.800       | -     | -            | -       | -            | -        | -            | -      | -            | 5     | 7.560     | 37.800       |
| Total    | 6       | 46.760       | 1     | 7.560        | 1       | 8.960        | 1        | 8.960        | 1      | 7.560        | 10    | -         | 79.800       |

**Table 9: Compensation of Wood Trees per Community and Lots- Full growth (22cm+)**

| Type      | Lot 1   |              | Lot 2   |              |          |              | Total |           |              |
|-----------|---------|--------------|---------|--------------|----------|--------------|-------|-----------|--------------|
|           | Aygehat |              | Haghpat |              | Alaverdi |              |       |           |              |
|           | No      | Compensation | No      | Compensation | No       | Compensation | No    | Unit cost | Compensation |
|           |         | No           |         | No           |          | No           |       | No        | AMD          |
| Acacia    | -       | -            | -       | -            | 2        | 59.800       | 2     | 29.900    | 59.800       |
| Ailanthus | -       | -            | -       | -            | 1        | 29.900       | 1     | 29.900    | 29.900       |
| Poplar    | -       | -            | 1       | 29.900       | -        | -            | 1     | 29.900    | 29.900       |
| Maple     | 1       | 29.900       | 4       | 119.600      | -        | -            | 5     | 29.900    | 149.500      |
| Total     | 1       | 29.900       | 5       | 149.500      | 3        | 89.700       | 9     | -         | 269.100      |

**Table 10: Compensation of Decorative Trees per Community and Lots- Small trees**

| Type              | Lot 1    |              | Lot 2    |              | Total |             |              |
|-------------------|----------|--------------|----------|--------------|-------|-------------|--------------|
|                   | Alaverdi |              | Alaverdi |              |       |             |              |
|                   | Trees    | Compensation | Trees    | Compensation | Trees | Unit, price | Compensation |
|                   | No       | AMD          | No       | AMD          | No    | AMD/        | AMD          |
| Decorative Bushes |          |              |          |              |       |             |              |
| Rose Noble        | 4        | 1.200        | -        | -            | 4     | 300         | 1.200        |
| Thuja compacta    | -        | -            | 1        | 3.000        | 1     | 3.000       | 3.000        |
| Total             | 4        | 1.200        | 1        | 3.000        | 5     | -           | 4.200        |

**Table 11: Compensation of Decorative Trees per Community and Lots- Medium trees**

| Type                 | Lot 1    |              |       |              | Lot 2    |              | Lot 3  |              | Total |             |              |
|----------------------|----------|--------------|-------|--------------|----------|--------------|--------|--------------|-------|-------------|--------------|
|                      | Alaverdi |              | Odzun |              | Alaverdi |              | Shnogh |              |       |             |              |
|                      | Trees    | Compensation | Trees | Compensation | Trees    | Compensation | Trees  | Compensation | Trees | Unit, price | Compensation |
|                      | No       | AMD          | No    | AMD          | No       | AMD          | No     | AMD          | No    | AMD/        | AMD          |
| A. Decorative Bushes |          |              |       |              |          |              |        |              |       |             |              |
| Rose Noble           | 8        | 4.800        | 17    | 10.200       | -        | -            | 2      | 1.200        | 27    | 600         | 16.200       |
| Box (tree)           | -        | -            | -     | -            | 1        | 1.500        | -      | -            | 1     | 1.500       | 1.500        |
| Subtotal A           | 8        | 4.800        | 17    | 10.200       | 1        | 1.500        | 2      | 1.200        | 28    | -           | 17.700       |
| B. Decorative Trees  |          |              |       |              |          |              |        |              |       |             |              |
| Thuja                | -        | -            | -     | -            | 1        | 6.000        | -      | -            | 1     | 6.000       | 6.000        |
| Cypress              | -        | -            | -     | -            | 1        | 120.000      | -      | -            | 1     | 120.000     | 120.000      |
| Pine                 | -        | -            | -     | -            | 1        | 4.000        | -      | -            | 1     | 4.000       | 4.000        |
| Subtotal B           | -        | -            | -     | -            | 3        | 130.000      | -      | -            | 3     | -           | 130.000      |
| Total                | 8        | 4.800        | 17    | 10.200       | 4        | 131.500      | 2      | 1.200        | 31    | -           | 147.700      |

**Table 12: Compensation of Decorative Trees per Community and Lots- Large trees**

| Type                 | Lot 1   |              |          |              |       |              | Lot 2   |              |          |              | Lot 3   |              | Total |             |              |
|----------------------|---------|--------------|----------|--------------|-------|--------------|---------|--------------|----------|--------------|---------|--------------|-------|-------------|--------------|
|                      | Aygehat |              | Alaverdi |              | Odzun |              | Haghpat |              | Alaverdi |              | Artchis |              |       |             |              |
|                      | Trees   | Compensation | Trees    | Compensation | Trees | Compensation | Trees   | Compensation | Trees    | Compensation | Trees   | Compensation | Trees | Unit, price | Compensation |
|                      | No      | AMD          | No       | AMD          | No    | AMD          | No      | AMD          | No       | AMD          | No      | AMD          | No    | AMD/        | AMD          |
| A. Decorative Bushes |         |              |          |              |       |              |         |              |          |              |         |              |       |             |              |

| Type                  | Lot 1   |              |          |              |       |              | Lot 2   |              |          |              | Lot 3   |              | Total |             |              |
|-----------------------|---------|--------------|----------|--------------|-------|--------------|---------|--------------|----------|--------------|---------|--------------|-------|-------------|--------------|
|                       | Aygehat |              | Alaverdi |              | Odzun |              | Haghpat |              | Alaverdi |              | Artchis |              |       |             |              |
|                       | Trees   | Compensation | Trees    | Compensation | Trees | Compensation | Trees   | Compensation | Trees    | Compensation | Trees   | Compensation | Trees | Unit, price | Compensation |
|                       | No      | AMD          | No       | AMD          | No    | AMD          | No      | AMD          | No       | AMD          | No      | AMD          | No    | AMD/        | AMD          |
| Rose Noble            | -       | -            | 16       | 14.400       | -     | -            | -       | -            | -        | -            | 29      | 26.100       | 45    | 900         | 40.500       |
| Lilac                 | 19      | 47.500       | 1        | 2.500        | 3     | 7.500        | -       | -            | 6        | 15.000       | -       | -            | 29    | 2.500       | 72.500       |
| Thuja compacta        | -       | -            | -        | -            | -     | -            | -       | -            | 2        | 18.000       | -       | -            | 2     | 9.000       | 18.000       |
| Elderberry (sambucus) | 11      | 38.500       | 1        | 3.500        | -     | -            | -       | -            | -        | -            | -       | -            | 12    | 3.500       | 42.000       |
| Cornus                | -       | -            | -        | -            | 10    | 15.000       | 2       | 3.000        | -        | -            | -       | -            | 12    | 1.500       | 18.000       |
| Tecoma                | -       | -            | -        | -            | -     | -            | -       | -            | 1        | 2.000        | -       | -            | 1     | 2.000       | 2.000        |
| Subtotal A            | 30      | 86.000       | 18       | 20.400       | 13    | 22.500       | 2       | 3.000        | 9        | 35.000       | 29      | 26.100       | 101   | -           | 193.000      |
| B. Decorative Trees   |         |              |          |              |       |              |         |              |          |              |         |              |       |             |              |
| Thuja                 | -       | -            | 1        | 9.000        | 1     | 9.000        | -       | -            | -        | -            | -       | -            | 2     | 9.000       | 18.000       |
| Cypress               | -       | -            | -        | -            | -     | -            | -       | -            | 1        | 280.000      | -       | -            | 1     | 280.000     | 280.000      |
| Pine                  | -       | -            | 1        | 5.000        | -     | -            | -       | -            | -        | -            | -       | -            | 1     | 5.000       | 5.000        |
| Subtotal B            |         | -            | 2        | 14.000       | 1     | 9000         | -       | -            | 1        | 280.000      | -       | -            | 4     | -           | 303.000      |
| Total                 | 30      | 86.000       | 20       | 34.400       | 14    | 31.500       | 2       | 3.000        | 10       | 315.000      | 29      | 26.100       | 105   | -           | 496.000      |

Table 13: Compensation Crops per Type, Community and Lots

| Type of Crop | Lot 1         |            |              | Lot 2         |            |              | Lot 3         |            |              | Annual Productivity | Price | Total         |            |                    |
|--------------|---------------|------------|--------------|---------------|------------|--------------|---------------|------------|--------------|---------------------|-------|---------------|------------|--------------------|
|              | Affected Area | Total Loss | Compensation | Affected Area | Total Loss | Compensation | Affected Area | Total Loss | Compensation |                     |       | Affected Area | Total Loss | Total Compensation |
|              | m²            | Kg         | AMD          | m²            | Kg         | AMD          | m²            | Kg         | AMD          |                     |       | m²            | Kg         | AMD                |



| Type of Crop       | Lot 1         |            |              | Lot 2         |            |              | Lot 3         |            |              | Annual Productivity | Price | Total         |            |                    |
|--------------------|---------------|------------|--------------|---------------|------------|--------------|---------------|------------|--------------|---------------------|-------|---------------|------------|--------------------|
|                    | Affected Area | Total Loss | Compensation | Affected Area | Total Loss | Compensation | Affected Area | Total Loss | Compensation |                     |       | Affected Area | Total Loss | Total Compensation |
|                    | m²            | Kg         | AMD          | m²            | Kg         | AMD          | m²            | Kg         | AMD          |                     |       | kg/ m²        | AMD/m²     | m²                 |
| A. Alaverdi        |               |            |              |               |            |              |               |            |              |                     |       |               |            |                    |
| Strawberry         | 10            | 6,0        | 4.980,00     | -             | -          | -            | -             | -          | -            | 0,6                 | 498   | 10            | 6,0        | 4.980,00           |
| Tomato             | 8             | 33,6       | 8.736,00     | -             | -          | -            | -             | -          | -            | 4,2                 | 1.092 | 8             | 33,6       | 8.736,00           |
| Cucumber           | 6             | 16,2       | 4.050,00     | 10            | 27,0       | 6.750,00     | -             | -          | -            | 2,7                 | 675   | 16            | 43,2       | 10.800,00          |
| Pepper             | 7             | 21,0       | 5.460,00     | 20            | 60,0       | 15.600,00    | -             | -          | -            | 3,0                 | 780   | 27            | 81,0       | 21.060,00          |
| Subtotal A         | 31            | 76,80      | 23.226,00    | 30            | 87,0       | 22.350,00    | -             | -          | -            | -                   | -     | 61            | 163,8      | 45.576,00          |
| B. Odzun           |               |            |              |               |            |              |               |            |              |                     |       |               |            |                    |
| Decorative flowers | 2             | -          | 4.360,00     | -             | -          | -            | -             | -          | -            | -                   | 2.180 | 2             | -          | 4.360,00           |
| Subtotal B         | 2             | -          | 4.360,00     | -             | -          | -            | -             | -          | -            | -                   | -     | 2             | -          | 4.360,00           |
| C. Artchis         |               |            |              |               |            |              |               |            |              |                     |       |               |            |                    |
| Strawberry         | -             | -          | -            | -             | -          | -            | 3             | 1,8        | 1.494,00     | 0,6                 | 498   | 3             | 1,8        | 1.494,00           |
| Subtotal C         | -             | -          | -            | -             | -          | -            | 3             | 1,8        | 1.494,00     | -                   | -     | 3             | 1,8        | 1.494,00           |
| D. Shnogh          |               |            |              |               |            |              |               |            |              |                     |       |               |            |                    |
| Bean               | -             | -          | -            | -             | -          | -            | 40            | 120,0      | 44.400,00    | 3,0                 | 1.110 | 40            | 120,0      | 44.400,00          |
| Tomato             | -             | -          | -            | -             | -          | -            | 20            | 84,0       | 21.840,00    | 4,2                 | 1.092 | 20            | 84,0       | 21.840,00          |
| Cucumber           | -             | -          | -            | -             | -          | -            | 25            | 67,5       | 16.875,00    | 2,7                 | 675   | 25            | 67,5       | 16.875,00          |
| Subtotal D         | -             | -          | -            | -             | -          | -            | 85            | 271,5      | 83.115,00    | -                   | -     | 85            | 271,5      | 83.115,00          |

| Type of Crop | Lot 1         |            |              | Lot 2         |            |              | Lot 3         |            |              | Annual Productivity | Price | Total         |            |                    |
|--------------|---------------|------------|--------------|---------------|------------|--------------|---------------|------------|--------------|---------------------|-------|---------------|------------|--------------------|
|              | Affected Area | Total Loss | Compensation | Affected Area | Total Loss | Compensation | Affected Area | Total Loss | Compensation |                     |       | Affected Area | Total Loss | Total Compensation |
|              | m²            | Kg         | AMD          | m²            | Kg         | AMD          | m²            | Kg         | AMD          |                     |       | m²            | Kg         | AMD                |
|              |               | -          |              |               | -          |              |               |            |              |                     |       |               |            |                    |
| Total        | 33            | 76,8       | 27.586,00    | 30            | 87,0       | 22.350,00    | 88            | 273,3      | 84.609,00    | -                   | -     | 151           | 437,1      | 134.545,00         |

**Table 14: Unit costs applied for valuation of improvements by type**

| Type<br>Unit cost | Material           | Area | Length | No |
|-------------------|--------------------|------|--------|----|
|                   |                    | m²   | l.m.   |    |
| <b>Staircase</b>  |                    | -    | -      | 2  |
| 30.000,00         | Metal              | -    | -      | 2  |
| <b>Stairs</b>     |                    | 22   | -      | -  |
| 20.000,00         | Concrete           | 2    | -      | -  |
| 25.000,00         | Concrete           | 7    | -      | -  |
| 35.000,00         | Concrete           | 13   | -      | -  |
| <b>Gate</b>       |                    | -    | -      | 11 |
| 25.000,00         | Metal              | -    | -      | 1  |
| 50.000,00         | Metal              | -    | -      | 3  |
| 100.000,00        | Metal              | -    | -      | 3  |
| 250.000,00        | Metal              | -    | -      | 2  |
| 300.000,00        | Metal              | -    | -      | 1  |
| 450.000,00        | Metal, In-situ r/c | -    | -      | 1  |
| <b>Door</b>       |                    | -    | -      | 20 |
| 20.000,00         | Wood               | -    | -      | 4  |
| 25.000,00         | Metal              | -    | -      | 2  |
| 35.000,00         | Metal              | -    | -      | 4  |
| 40.000,00         | Metal              | -    | -      | 1  |
| 50.000,00         | Metal              | -    | -      | 8  |
| 70.000,00         | Metal              | -    | -      | 1  |
| <b>Kerbstone</b>  |                    | -    | 49     | -  |
| 6.000,00          | Concrete           | -    | 19     | -  |
| 7.000,00          | Concrete           | -    | 10     | -  |
| 8.000,00          | Basalt             | -    | 20     | -  |
| <b>Platform</b>   |                    | 44   | -      | -  |
| 35.000,00         | Concrete           | 44   | -      | -  |
| <b>Base</b>       |                    | 4,6  | -      | -  |
| 19.800,00         | In-situ r/c        | 1,6  | -      | -  |
| 26.300,00         | In-situ r/c        | 3    | -      | -  |
| <b>Railing</b>    |                    | -    | 13,2   | -  |
| 13.000,00         | Metal, Basalt      | -    | 13,2   | -  |
| <b>Fence</b>      |                    | -    | 20,3   | -  |

| Type                     | Unit cost | Material                        | Area<br>m²   | Length<br>l.m. | No        |
|--------------------------|-----------|---------------------------------|--------------|----------------|-----------|
| 20.000,00                |           | Metal, Asbestos slate,<br>Stone | -            | 20,3           | -         |
| Irrigation pipe d=1000mm |           |                                 | -            | 5              | -         |
| 65.000,00                |           | Metal                           | -            | 5              | -         |
| Irrigation pipe d=110mm  |           |                                 | -            | 59             | -         |
| 4.000,00                 |           | Metal                           | -            | 59             | -         |
| Irrigation pipe d=50mm   |           |                                 | -            | 276            | -         |
| 1.500,00                 |           | Metal                           | -            | 80             | -         |
| 3.500,00                 |           | Metal                           | -            | 196            | -         |
| Area                     |           |                                 | 158          | -              | -         |
| 6.000,00                 |           | Concrete                        | 72           | -              | -         |
| 9.000,00                 |           |                                 |              | -              | -         |
|                          |           | Asphalt                         | 68           | -              | -         |
|                          |           | Concrete                        | 18           | -              | -         |
| Area upgrade             |           |                                 | 10           | -              | -         |
| 11.000,00                |           | Lawn                            | 10           | -              | -         |
| Fencing                  |           |                                 | -            | 3.140,1        | -         |
| 2.500,00                 |           | Wood                            | -            | 328            | -         |
| 2.800,00                 |           | Wood, Metal                     | -            | 15             | -         |
| 3.300,00                 |           | Wire mesh                       | -            | 2104,1         | -         |
| 3.500,00                 |           | Metal                           | -            | 190            | -         |
| 4.000,00                 |           |                                 | -            |                | -         |
|                          |           | Metal                           | -            | 184            | -         |
|                          |           | Wire mesh, Metal                | -            | 16             | -         |
| 5.000,00                 |           | Wire mesh                       | -            | 6              | -         |
| 7.000,00                 |           |                                 | -            |                | -         |
|                          |           | In-situ r/c, Metal              | -            | 190            | -         |
|                          |           | In-situ r/c, Wire mesh          | -            | 20             | -         |
| 9.000,00                 |           | Wire mesh                       | -            | 44             | -         |
| 15.000,00                |           | In-situ r/c, Wire mesh          | -            | 43             | -         |
| Signpost                 |           |                                 | -            | -              | 1         |
| 35.000,00                |           | Metal                           | -            | -              | 1         |
| Bearing surface area     |           |                                 | -            | -              | 4         |
| 20.000,00                |           | Concrete                        | -            | -              | 4         |
| <b>Total</b>             |           |                                 | <b>238,6</b> | <b>3.562,6</b> | <b>38</b> |

**Appendix 11 List of sensitive properties for vibraton survey with descriptions and estimated budget**

| N  | ID  | Marz | Community     | Cadastral lot-code of the land plot | Target prupose of the land plot by cadaster | Type of land/actual usage purpose of the land plot by cadaster | Total area of the land plot by cadaster, ha | Location of the property, PK (km) |       | Distance from the new road, m | The land plot is:<br>1. In LAR boundaries<br>2. Out of LAR boundaries | The surface of the residential building, sqm<br>(based on cadastral data or google map, as available) | Habitied/Inhabited status<br>(where available) | Information on constrction activities on the specified location<br>(based on detaild design) | Estemated replacement cost, AMD |
|----|-----|------|---------------|-------------------------------------|---|--|---|-----------------------------------|-------|-------------------------------|---|---|--|--|---------------------------------|
| 1  | 30  | Lori | Alaverdi city | 06-002-0006-0048                    | Residential                                 | Residential construction                                       | 0,2021                                      | 489+80                            | Left  | 3,40                          | 1   | 672,0   | Habitied                                       | Compaction by rollers  | 130.368.000                     |
| 2  | 74  | Lori | Alaverdi city | 06-002-0191-0014                    | Residential                                 | Residential construction                                       | 0,1807                                      | 476+80                            | Left  | 5,30                          | 1   | 72,0  | Inhabited                                      | Blasting,Compaction by rollers   | 13.968.000                      |
| 3  | 101 | Lori | Alaverdi city | 06-002-0198-0054                    | Residential                                 | Residential construction                                       | 0,1660                                      | 476+00                            | Right | 0                             | 1   | 128,0   | Habitied                                       | Blasting,Compaction by rollers   | 24.832.000                      |
| 4  | 106 | Lori | Alaverdi city | 06-002-0198-0103                    | Residential                                 | Residential construction                                       | 0,1229                                      | 471+40                            | Right | 11,30                         | 1   | 80,0  | Habitied                                       | Blasting,Compaction by rollers   | 15.520.000                      |
| 5  | 107 | Lori | Alaverdi city | 06-002-0198-0104                    | Residential                                 | Residential construction                                       | 0,0707                                      | 471+00                            | Right | 7,70                          | 1   | 65,0  | Habitied                                       | Blasting,Compaction by rollers   | 12.610.000                      |
| 6  | 108 | Lori | Alaverdi city | 06-002-0198-0116                    | Residential                                 | Residential construction                                       | 0,0731                                      | 470+80                            | Right | 4,60                          | 1   | 408,0   | Habitied                                       | Blasting,Compaction by rollers   | 79.152.000                      |
| 7  | 112 | Lori | Alaverdi city | 06-002-0198-0120                    | Residential                                 | Residential construction                                       | 0,1106                                      | 470+60                            | Right | 10,75                         | 1   | 100,0   | Inhabited                                      | Blasting,Compaction by rollers   | 19.400.000                      |
| 8  | 114 | Lori | Alaverdi city | 06-002-0198-0141                    | Residential                                 | Residential construction                                       | 0,1852                                      | 469+80                            | Right | 7,40                          | 1   | 206,0   | Habitied                                       | Blasting,Compaction by rollers   | 39.964.000                      |
| 9  | 115 | Lori | Alaverdi city | 06-002-0198-0146                    | Residential                                 | Residential construction                                       | 0,2863                                      | 468+80                            | Right | 3,0                           | 1   | 450,0   | Habitied                                       | Blasting,Compaction by rollers   | 87.300.000                      |
| 10 | 139 | Lori | Alaverdi city | 06-002-0393-0014                    | Residential                                 | Residential construction                                       | 0,2693                                      | 457+40                            | Right | 4,45                          | 1   | 90,0  | Habitied                                       | Compaction by rollers  | 17.460.000                      |
| 11 | 187 | Lori | Aygehat       | 06-014-0102-0002                    | Residential                                 | Residential construction                                       | 0,02300                                     | 396+40                            | Left  | 0                             | 1   | 75,0  | Habitied                                       | Blasting,Compaction by rollers   | 14.550.000                      |
| 12 | 233 | Lori | Haghpat       | 06-060-0210-0002                    | Agricultural                                | Arable   | 0,1089                                      | 619+20                            | Right | 11,0                          | 1   | 80,0  | Inhabited                                      | Compaction by rollers  | 15.520.000                      |
| 13 | 330 | Lori | Odzun         | 06-112-0437-0005                    | Residential                                 | other lands  | 0,1039                                      | 469+60                            | Left  | 5,10                          | 1   | 345,0   | Inhabited                                      | Blasting,Compaction by rollers   | 66.930.000                      |
| 14 | 346 | Lori | Odzun         | 06-112-0437-0039                    | Residential                                 | Commercial   | 0,2210                                      | 464+00                            | Left  | 0,85                          | 1   | 110,0   | Habitied                                       | Compaction by rollers  | 21.340.000                      |
| 15 | 374 | Lori | Odzun         | 06-112-0438-0104                    | Residential                                 | Residential construction                                       | 0,0571                                      | 443+80                            | Left  | 0                             | 1   | 150,0   | Habitied                                       | Blasting,Compaction by rollers   | 29.100.000                      |
| 16 | 459 | Lori | Odzun         | 06-112-0461-0005                    | Residential                                 | Commercial   | 0,1355                                      | 444+60                            | Right | 2,90                          | 1   | 105,0   | Habitied                                       | Blasting,Compaction by rollers   | 20.370.000                      |
| 17 | N/A | Lori | Alaverdi city | 06-002-0033-0034                    | Not available                               | Not available  | Not available                               | 479+40                            | Left  | 6,0                           | 2   | 135,0   | Habitied                                       | Compaction by rollers  | 26.190.000                      |
| 18 | N/A | Lori | Alaverdi city | 06-002-0033-0006                    | Not available                               | Not available  | Not available                               | 479+80                            | Left  | 13,50                         | 2   | 110,0   | Habitied                                       | Compaction by rollers  | 21.340.000                      |
| 19 | N/A | Lori | Alaverdi city | 06-002-0033-0004                    | Not available                               | Not available  | Not available                               | 480+00                            | Left  | 3,85                          | 2   | 110,0   | Habitied                                       | Compaction by rollers  | 21.340.000                      |
| 20 | N/A | Lori | Alaverdi city | 06-002-0198-0050                    | Not available                               | Not available  | Not available                               | 476+20                            | Right | 0                             | 2   | 95,0  | Habitied                                       | Blasting,Compaction by rollers   | 18.430.000                      |

|    |                        |      |               |                  |               |               |               |        |       |       |   |       |          |                                |             |
|----|------------------------|------|---------------|------------------|---------------|---------------|---------------|--------|-------|-------|---|-------|----------|--------------------------------|-------------|
| 21 | N/A                    | Lori | Alaverdi city | 06-002-0198-0183 | Not available | Not available | Not available | 463+20 | Right | 6,60  | 2 | 130,0 | Habitied | Compaction by rollers          | 25.220.000  |
| 22 | N/A                    | Lori | Alaverdi city | 06-002-0198-0176 | Not available | Not available | Not available | 464+60 | Right | 6,95  | 2 | 125,0 | Habitied | Compaction by rollers          | 24.250.000  |
| 23 | N/A                    | Lori | Alaverdi city | 06-002-0198-0175 | Not available | Not available | Not available | 464+80 | Right | 10,70 | 2 | 110,0 | Habitied | Compaction by rollers          | 21.340.000  |
| 24 | N/A                    | Lori | Alaverdi city | 06-002-0198-0166 | Not available | Not available | Not available | 466+00 | Right | 0     | 2 | 90,0  | Habitied | Compaction by rollers          | 17.460.000  |
| 25 | N/A                    | Lori | Alaverdi city | 06-002-0198-0065 | Not available | Not available | Not available | 474+20 | Right | 5,40  | 2 | 100,0 | Habitied | Blasting,Compaction by rollers | 19.400.000  |
| 26 | N/A                    | Lori | Alaverdi city | 06-002-0198-0048 | Not available | Not available | Not available | 476+80 | Right | 1,60  | 2 | 46,0  | Habitied | Blasting,Compaction by rollers | 8.924.000   |
| 27 | N/A                    | Lori | Alaverdi city | 06-002-0191-0013 | Not available | Not available | Not available | 477+00 | Left  | 8,10  | 2 | 72,0  |          | Blasting,Compaction by rollers | 13.968.000  |
| 28 | N/A                    | Lori | Alaverdi city | 06-002-0031-0026 | Not available | Not available | Not available | 488+00 | Right | 2,0   | 2 | 100,0 | Habitied | Compaction by rollers          | 19.400.000  |
|    | Total estimated budget |      |               |                  |               |               |               |        |       |       |   |       |          |                                | 845.646.000 |

## **Appendix 12 Protocols of consultations with affected communities and focal persons during the inventory and census surveys**



**Unofficial translation**

**PROTOCOL  
Of**

**Consultations with affected communities and focal persons during the inventory and census surveys within the framework of preparation of the Land Acquisition and Resettlement Plan for M6 Vanadzor-Alaverdi-Georgia Border Interstate Road Rehabilitation and Improvement Project (Km38+450-Km91+190)**

**Community: Alaverdi, Aqori**

**Date: 17.10.2017**

Within the framework of preparation of the Land Acquisition and Resettlement Plan (LARP) for M6 Vanadzor-Alaverdi-Georgia Border Interstate Road Rehabilitation and Improvement Project (Km38+450-Km91+190) the "ALTA VIP LLC" (hereinafter: "Consultant") carries out measurement, inventory surveys of affected properties (land plot, building) and improvements (crops, trees etc.) within the RoW of the Project, as well as census surveys of affected households/persons.

Taking into account the lack of data from RA Real Estate State Cadaster Committee (hereinafter: Cadaster) on several affected properties, the Consultant asked the head/representatives of Alaverdi and Aqori communities to support in identification of owners and illegal/not registered users of affected properties for participation during the inventory survey and to carry out a census survey.

Particularly, the specialist of the Urban development and land use department of Alaverdi city Hrayr Nazaryan participated in inventory surveys together with the Consultant supporting in the identification of owners and illegal/not registered users of affected properties of Alaverdi and Aqori communities.

Taking into account the lack of information with the head/representatives of communities, the Consultant has also contacted the community's focal persons. With the support of focal person and land user from "Elgels district" of Alaverdi city Gevorg Badalyan it became possible to identify several owner and users of affected land plots applying also the "snowball" method.

Besides the above mentioned methods, the announcements have been posted in the community offices, as well as near the affected properties` informing about the project implementation and providing contact details of the Consultant and TPIO.

| Name, surname   | Status   | Signature |
|-----------------|--|-----------|
| Hrayr Nazaryan  | specialist of the Urban development and land use department of Alaverdi city |           |
| Gevorg Badalyan | resident of Alaverdi   |           |

ՄԵ Վանաձոր-Ալավերդի-Վրաստանի սահման միջազգային ճանապարհի վերակառուցման և բարելավման ծրագրի (Կմ38+450-Կմ91+190) հողերի օտարման և տարաբնակեցման ծրագրի պատրաստման շրջանակում տեղագնություն և մարդահամարի հետազոտությունների ընթացքում ազդակիր համայնքների և առանցքային տեղեկատվության հետ խորհրդակցությունների

ԱՐՁԱՐԱԳՐՈՒԹՅՈՒՆ

Համայնք՝ Ալավերդի, Արորի

Ամսաթիվ՝ 17.10. 2017թ.

ՄԵ Վանաձոր-Ալավերդի-Վրաստանի սահման միջազգային ճանապարհի վերակառուցման և բարելավման ծրագրի Կմ38+450-Կմ91+190 հատվածի Հողերի Օտարման և Տարաբնակեցման Ծրագրի (այսուհետ՝ ՀՕՏԾ) պատրաստման շրջանակներում «ԱԼՏԱ ՎԻՊ ՍՊԸ» ընկերության (այսուհետ՝ Խորհրդատու) կողմից իրականացվում են Ծրագրի օտարման գոտում գտնվող գույքերի (հողամաս, շինություններ) և բարելավումների (ծառեր, մշակաբույսեր և այլն) չափագրման, տեղագնություն և ազդակության ներկայացման/տեղեկատվության տնտեսությունների մարդահամարի հետազոտություններ:

Հաշվի առնելով ՀՀ կառավարության և արդյունաբերության նախարարի կողմից հանձնարարված (այսուհետ՝ Կազմատը) կողմից տրված տվյալներում որոշ ազդակիր գույքերի վերաբերյալ տվյալների բացակայությունը, Խորհրդատուի դիմել է Ալավերդի և Արորի համայնքների ղեկավարի/ներկայացուցիչների օգնությանը՝ ազդակիր գույքերի սեփականատերերին, ինչպես նաև չվերանայված օգտագործողներին նույնականացնելու, ինչպես նաև տեղագնության ընթացքում ներկա գտնվելու և երանց հետ մարդահամարի հետազոտություն իրականացնելու նպատակով:

Մասնավորապես, Ալավերդի համայնքի քաղաքաշինության և հողօգտագործման բաժնի աշխատակից Հրայր Նազարյան-ը Խորհրդատուի հետ միասին մասնակցել է տեղագնության աշխատանքներին՝ օգնելով նույնականացնել Ալավերդի և Արորի համայնքների ազդակիր հողամասերի սեփականատերերին և չվերանայված օգտագործողներին:

Հաշվի առնելով համայնքի ղեկավարի/ներկայացուցիչների կողմից համապատասխան տվյալներին մասամբ տիրույթներում հանգամանք՝ Խորհրդատուի դիմել է նաև համայնքի առանցքային տեղեկատվության օգնությանը: Համայնքի Էնգելս թաղամասի մոտակայքում հողօգտագործող առանցքային տեղեկատվության օգնությանը: Համայնքի Էնգելս թաղամասի մոտակայքում էլ էլ էլ նույնականացնել Ալավերդի Էնգելս թաղամասի հարևանությամբ գտնվող մի շարք ազդակիր հողամասերի սեփականատերերին ու չվերանայված օգտագործողներին՝ կիրառելով նաև «ձնակույտի» մեթոդը:

Բացի վերոնշյալ միջոցներից, համայնքի գրասենյակում, ինչպես նաև որոշ ազդակիր գույքերի հարևանությամբ փակցվել են հայտարարություններ՝ Ծրագրի իրականացման վերաբերյալ տրամադրվող տես Խորհրդատուի և ՏԻՈՎ-ի կետակոպային տվյալները:

| Անուն, ազգանուն       | Կարգավիճակ                       | Ստորագրություն     |
|-----------------------|----------------------------------|--------------------|
| <u>Հրայր Նազարյան</u> | <u>Խորհրդատուի ներկայացուցիչ</u> | <u>[Signature]</u> |
| <u>Գևորգ Բադալյան</u> | <u>Բնակիչի ներկայացուցիչ</u>     | <u>[Signature]</u> |
|                       |                                  |                    |
|                       |                                  |                    |

**Unofficial translation**

**PROTOCOL  
Of**

**Consultations with affected communities and focal persons during the inventory and census surveys within the framework of preparation of the Land Acquisition and Resettlement Plan for M6 Vanadzor-Alaverdi-Georgia Border Interstate Road Rehabilitation and Improvement Project (Km38+450-Km91+190)**

**Community: Aygehat**

**Date: 24.10.2017**

Within the framework of preparation of the Land Acquisition and Resettlement Plan (LARP) for M6 Vanadzor-Alaverdi-Georgia Border Interstate Road Rehabilitation and Improvement Project (Km38+450-Km91+190) the "ALTA VIP LLC" (hereinafter: "Consultant") carries out measurement, inventory surveys of affected properties (land plot, building) and improvements (crops, trees etc.) within the RoW of the Project, as well as census surveys of affected households/persons.

Taking into account the lack of data from RA Real Estate State Cadaster Committee (hereinafter: Cadaster) on several affected properties, the Consultant asked the head/representatives of Aygehat community to support in identification of owners and illegal/not registered users of affected properties for participation during the inventory survey and to carry out a census survey.

Particularly, the head of Aygehat community Arshak Shahverdyan has participated in inventory surveys together with the Consultant supporting in the identification of owners and illegal/not registered users of affected properties.

Taking into account the lack of information with the head/representatives of communities, the head of community provided the contacts of Aygehat community Samvel Shahverdyan to the Consultant who is more aware and with the support of whom it became possible to identify several owner and users of affected land plots applying also the "snowball" method.

Besides the above mentioned methods, the announcements have been posted in the community offices, as well as near the affected properties' informing about the project implementation and providing contact details of the Consultant and TPIO.

| Name, surname             | Status                           | Signature |
|---------------------------|----------------------------------|-----------|
| <u>Samvel Shahverdyan</u> | <u>land user of Aygehat</u>      |           |
| <u>Arshak Shahverdyan</u> | <u>head of Aygehat community</u> |           |
|                           |                                  |           |

ՄԵ Վանաձոր-Ալավերդի-Վրաստանի սահման միջպետական ճանապարհի վերականգնման և բարելավման ծրագրի (Կմ38+450-Կմ91+190) հողերի օտարման և տարաբնակեցման ծրագրի պատրաստման շրջանակում տեղագնություն և մարդահամարի հետազոտությունների ընթացքում ազդակիր համայնքների և առանցքային տեղեկատուների հետ խորհրդակցությունների

ԱՐՇԱԿ ՇԱՀՎԵՐԴՅԱՆ

Համայնք՝ Այգեհատ

Ամսաթիվ՝ 24.10.2017թ.

ՄԵ Վանաձոր-Ալավերդի-Վրաստանի սահման միջպետական ճանապարհի վերականգնման և բարելավման ծրագրի Կմ38+450-Կմ91+190 հատվածի Հողերի Օտարման և Տարաբնակեցման Ծրագրի (այսուհետ՝ ՀՕՏԾ) պատրաստման շրջանակներում «ԱՆՏԱ ՎՊ ՄՊԸ» ընկերության (այսուհետ՝ Խորհրդատու) կողմից իրականացվում են Ծրագրի օտարման գոտում գտնվող գույքերի (հողամաս, շինություններ) և բարելավումների (ծառեր, մշակաբույսեր և այլն) չափազանց, տեղագնություն և ազդեցության նկատման անձանց/անհատների տնտեսությունների մարդահամարի հետազոտություններ:

Հաշվի առնելով ՀՀ կառավարության առընթեր անշարժ գույքի կադաստրի պետական կոմիտեի (այսուհետ՝ Կադաստր) կողմից տրված տվյալներում որոշ ազդակիր գույքերի վերաբերյալ տվյալների բացակայությունը, Խորհրդատուն դիմել է Այգեհատ համայնքի ղեկավարի/ներկայացուցիչների օգնությանը՝ ազդակիր գույքերի սեփականատերերին, ինչպես նաև չձևակերպված օգտագործողներին նույնականացնելու, ինչպես նաև տեղագնության ընթացքում ներկա գտնվելու և նրանց հետ մարդահամարի հետազոտություն իրականացնելու նպատակով:

Մասնավորապես, Այգեհատ համայնքի ղեկավար Արշակ Շահվերդյան -ը Խորհրդատուի հետ միասին անմամբ մասնակցել է տեղագնության աշխատանքներին՝ օգնելով նույնականացնել ազդակիր հողամասերի սեփականատերերին և չձևակերպված օգտագործողներին:

Հաշվի առնելով համայնքի ղեկավարի/ներկայացուցիչների կողմից համապատասխան տվյալների մասամբ տիրապետելու հանգամանքը՝ համայնքի ղեկավարը Խորհրդատուին է տրամադրել համայնքի բնակիչ Սամվել Շահվերդյան -ի կոնկրետային տվյալները, ով առավել տեղեկացված է, որի միջոցով հնարավոր է եղել նույնականացնել ինչպես Այգեհատ համայնքի մի շարք ազդակիր հողամասերի սեփականատերերին ու չձևակերպված օգտագործողներին՝ կիրառելով նաև «ձնակույտի» մեթոդը:

Բացի վերոնշյալ միջոցներից, համայնքի գրասենյակում, ինչպես նաև որոշ ազդակիր գույքերի հարևանությամբ փակցվել են հայտաբարություններ՝ Ծրագրի իրականացման վերաբերյալ տրամադրելով նաև Խորհրդատուի և ՏԾԴ-ի կոնտակտային տվյալները:

| Անուն, ազգանուն          | Գարգավիճակ                            | Մտորացություն |
|--------------------------|---------------------------------------|---------------|
| <u>Սամվել Շահվերդյան</u> | <u>Այգեհատ համայնքի ներկայացուցիչ</u> | <u>Արշակ</u>  |
| <u>Արշակ Շահվերդյան</u>  | <u>Այգեհատ համայնքի ղեկավար</u>       | <u>Արշակ</u>  |
|                          |                                       |               |
|                          |                                       |               |

**Unofficial translation**

**PROTOCOL  
Of**

**Consultations with affected communities and focal persons during the inventory and census surveys within the framework of preparation of the Land Acquisition and Resettlement Plan for M6 Vanadzor-Alaverdi-Georgia Border Interstate Road Rehabilitation and Improvement Project (Km38+450-Km91+190)**

**Community: Haghpat**

**Date: 19.10.2017**

Within the framework of preparation of the Land Acquisition and Resettlement Plan (LARP) for M6 Vanadzor-Alaverdi-Georgia Border Interstate Road Rehabilitation and Improvement Project (Km38+450-Km91+190) the "ALTA VIP LLC" (hereinafter: "Consultant") carries out measurement, inventory surveys of affected properties (land plot, building) and improvements (crops, trees etc.) within the RoW of the Project, as well as census surveys of affected households/persons.

Taking into account the lack of data from RA Real Estate State Cadaster Committee (hereinafter: Cadaster) on several affected properties, the Consultant asked the head/representatives of Haghpat community to support in identification of owners and illegal/not registered users of affected properties for participation during the inventory survey and to carry out a census survey.

Particularly, the worker of Haghpat community Luiza Mehrabyan supported the Consultant in identification of contacts of almost 18 owners and illegal/not registered users of affected properties. After, the Consultant could identify other owners and users applying the "snowball" method.

Besides the above mentioned methods, the announcements have been posted in the community offices, as well as near the affected properties` informing about the project implementation and providing contact details of the Consultant and TPIO.

| Name, surname   | Status  | Signature |
|-----------------|---|-----------|
| Luiza Mehrabyan | Secretary of Haghpat community administration |           |
| Vahram Qaryan   | Head of Haghpat community                     |           |
|                 |   |           |

Մ6 Վանաձոր-Ալավերդի-Վրաստանի սահման միջպետական ճանապարհի վերականգնման և բարելավման ծրագրի (Կմ38+450-Կմ91+190) հողերի օտարման և տարաբնակեցման ծրագրի պատրաստման շրջանակում տեղագնություն և մարդահամարի հետազոտությունների ընթացքում ազդակիր համայնքների և անհատների տեղեկատվությունների հետ խորհրդակցությունների

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Համայնք՝ Հաղպատ

Ամսաթիվ՝ 19.10. 2017թ.

Մ6 Վանաձոր-Ալավերդի-Վրաստանի սահման միջպետական ճանապարհի վերականգնման և բարելավման ծրագրի Կմ38+450-Կմ91+190 հատվածի Հողերի Օտարման և Տարաբնակեցման Ծրագրի (այսուհետ՝ ՇՕՏՕ) պատրաստման շրջանակներում «ԱԼՏԱ ՎԻՊ ԼԿ» ընկերության (այսուհետ՝ Խորհրդատու) կողմից իրականացվում են Ծրագրի օտարման գոտում գտնվող գույքերի (հողամաս, շինություններ) և բարելավումների (ծառեր, մշակաբույսեր և այլն) չափագրման, տեղագնության և ազդեցության ենթակա անձանց/տնային տնտեսությունների մարդահամարի հետազոտությունները:

Հաշվի առնելով ՀՀ կառավարության առիթերի անշարժ գույքի կադաստրի պետական կոմիտեի (այսուհետ՝ Վադաստր) կողմից տրված տվյալներում որոշ ազդակիր գույքերի վերաբերյալ տվյալների բացակայությունը, Խորհրդատուն դիմել է Հաղպատ համայնքի ղեկավարի/ներկայացուցիչների օգնությանը՝ ազդակիր գույքերի սեփականատերերին, ինչպես նաև չվերանայված օգտագործողներին նույնականացնելու, ինչպես նաև տեղագնության ընթացքում ներկա գտնվելու և նրանց հետ մարդահամարի հետազոտություն իրականացնելու նպատակով:

Մասնավորապես, Հաղպատի համայնքապետարանի աշխատակից Luiza Mehrabyan-ը Խորհրդատուն օգնել է նույնականացնել մոտ 18 ազդակիր հողամասերի սեփականատերերի և չվերանայված օգտագործողների կոնտակտային տվյալներ: Այնուհետև, Խորհրդատուն կարողացել է նույնականացնել այլ օգտագործողներին ևս՝ կիրառելով «ձնագնդի» մեթոդը:

Բացի վերոնշյալ միջոցներից, համայնքի գրասենյակում, ինչպես նաև որոշ ազդակիր գույքերի հարևանությամբ փակցվել են հայտարարություններ՝ Ծրագրի իրականացման վերաբերյալ՝ տրամադրելով նաև Խորհրդատուի և ՏԾԻԿ-ի կոնտակտային տվյալները:

| Անուն, ազգանուն        | Գրագրվածակ             | Ստորագրություն     |
|------------------------|------------------------|--------------------|
| <u>Luiza Mehrabyan</u> | <u>Luiza Mehrabyan</u> | <u>[Signature]</u> |
| <u>Vahram Qaryan</u>   | <u>Vahram Qaryan</u>   | <u>[Signature]</u> |
|                        |                        |                    |
|                        |                        |                    |







**Unofficial translation**

**PROTOCOL  
Of**

**Consultations with affected communities and focal persons during the inventory and census surveys within the framework of preparation of the Land Acquisition and Resettlement Plan for M6 Vanadzor-Alaverdi-Georgia Border Interstate Road Rehabilitation and Improvement Project (Km38+450-Km91+190)**

**Community: Odzun**

**Date: 18.10.2017**

Within the framework of preparation of the Land Acquisition and Resettlement Plan (LARP) for M6 Vanadzor-Alaverdi-Georgia Border Interstate Road Rehabilitation and Improvement Project (Km38+450-Km91+190) the "ALTA VIP LLC" (hereinafter: "Consultant") carries out measurement, inventory surveys of affected properties (land plot, building) and improvements (crops, trees etc.) within the RoW of the Project, as well as census surveys of affected households/persons.

Taking into account the lack of data from RA Real Estate State Cadaster Committee (hereinafter: Cadaster) on several affected properties, the Consultant asked the head/representatives of Odzun community to support in identification of owners and illegal/not registered users of affected properties for participation during the inventory survey and to carry out a census survey.

Particularly, in Odzun community there are 10 land plots (each with 800sqm surface), which are Horticultural Collective Farm Lands, there are no state registration of right towards those lands, and there is no any information provided neither by cadaster, not community on the owners of those lands.

Taking into account the lack of information with the head/representatives of communities, the Consultant has contacted the community's focal persons. With the support of focal person Senik Mnacakanyan it became possible to identify the son of the former director of the Horticultural Collective Farm who informed that no data or documents have been saved about the owners of those lands.

The focal person supported to identify the several illegal/not registered users of above mentioned land plots, as a result of which it was revealed that some of them using simultaneously some of those lands.

At the same time, he also supported to identify the owners and users of several land plots of Aygehat community applying also the "snowball" method.

Besides the above mentioned methods, the announcements have been posted in the community offices, as well as near the affected properties' informing about the project implementation and providing contact details of the Consultant and TPIO.

| Name, surname     | Status                      | Signature |
|-------------------|-----------------------------|-----------|
| Senik Mnacakanyan | resident of Odzun community |           |

Մ6 Վանաձոր-Ալավերդի-Վրաստանի սահման միջպետական ճանապարհի վերականգնման և բարելավման ծրագրի (Կմ38+450-Կմ91+190) հողերի օտարման և տարաբնակեցման ծրագրի պատրաստման շրջանակում տեղագնություն և մարդահամարի հետազոտությունների ընթացքում ազդակիր համայնքների և առանցքային տեղեկատուների հետ խորհրդակցությունների

ԱՐՇԱՆԱԳՐՈՒԹՅՈՒՆ

Համայնք՝ Օձուն

Ամսաթիվ՝ 18.10. 2017թ.

Մ6 Վանաձոր-Ալավերդի-Վրաստանի սահման միջպետական ճանապարհի վերականգնման և բարելավման ծրագրի Կմ38+450-Կմ91+190 հատվածի Հողերի Օտարման և Տարաբնակեցման Շրագրի (այսուհետ՝ ՇՕՏԾ) պատրաստման շրջանակներում «ԱՆՏԱՎՈՐ ՄԴԸ» ընկերության (այսուհետ՝ Խորհրդատու) կողմից իրականացվում են Շրագրի օտարման գոտում գտնվող գույքերի (հողամաս, շինություններ) և բարելավումների (ծառեր, մշակաբույսեր և այլն) չափազանց, տեղագնություն և ազդեցության ենթակա անձանց/տնային տնտեսությունների մարդահամարի հետազոտությունները:

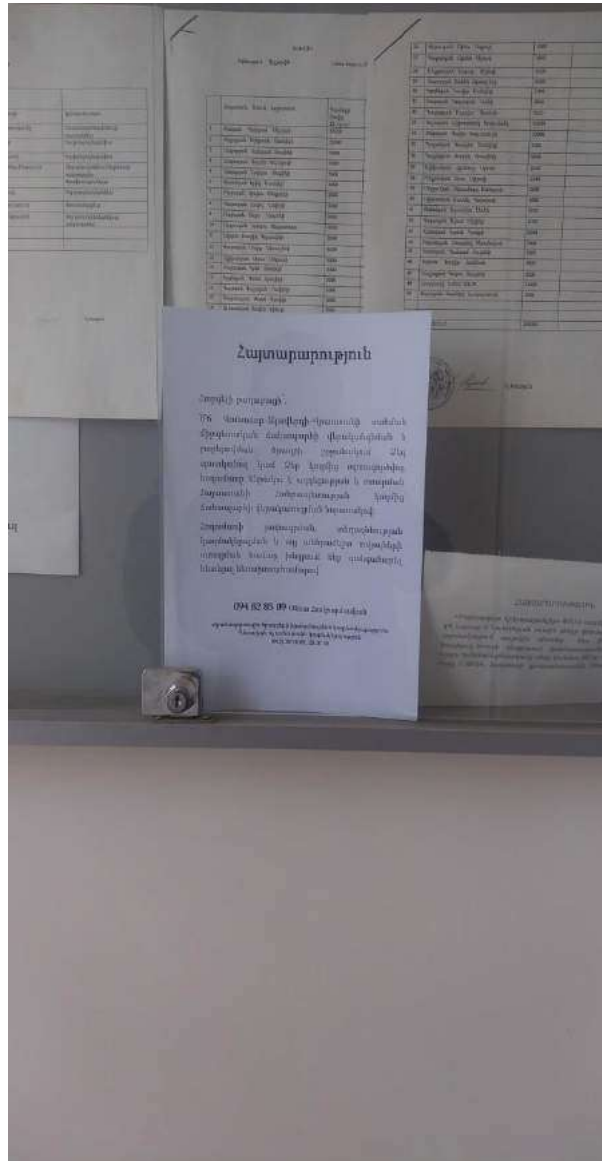
Հաշվի առնելով ՀՀ կառավարության առթեր անշարժ գույքի կադաստրի պետական կուիտի (այսուհետ՝ Կադաստր) կողմից տրված տվյալներում որոշ ազդակիր գույքերի վերաբերյալ տվյալների բացակայությունը, Խորհրդատուն դիմել է Օձուն համայնքի ղեկավարի/ներկայացուցիչների օգնությանը՝ ազդակիր գույքերի սեփականատերերին, ինչպես նաև չձևակերպված օգտագործողներին նույնականացնելու, ինչպես նաև տեղագնություն ընթացքում ներկա գտնվելու և հրանց հետ մարդահամարի հետազոտություն իրականացնելու նպատակով:

Մասնավորապես, Օձուն համայնքում առկա են 10 հողամասեր (յուրաքանչյուրը՝ մոտ 800մ²), որոնք հանդիսանում են այգեգործական կոլեկտիվ տնտեսության հողամասեր, դրանց նկատմամբ իրավունքի պետական գրանցում կատարված չէ և դրանց սեփականատերերի մասին Կադաստրի, ինչպես նաև համայնքի կողմից տվյալներ չեն առաջվել: Հաշվի առնելով համայնքի ղեկավարի/ներկայացուցիչների կողմից համապատասխան տվյալներին մասամբ տիրապետելու հանգամանքը՝ Խորհրդատուն դիմել է համայնքի առանցքային տեղեկատուների օգնությանը: Համայնքի առանցքային տեղեկատու Սեֆիկ Մնականյանը միջոցով հնարավոր է եղել գտնել տվյալ այգեգործական կոլեկտիվ տնտեսության նախկին տնօրենի որդուն, ով հայտնել է, որ նշված հողերի սեփականատերերի վերաբերյալ որևէ տվյալներ կամ փաստաթղթեր չեն պահպանվել: Առանցքային տեղեկատու օգնել է գտնել վերոնշյալ հողամասերի չձևակերպված օգտագործողներին, որի արդյունքում պարզվել է, որ նրանցից մի քանիսը միաժամանակ օգտագործում են նշված այգեգործական կոլեկտիվ տնտեսության հողամասերից մի քանիսը: Միաժամանակ նա օգնել է նախկինացնել Այգեհատ համայնքին մոտ հարող տարածքների մի շարք ազդակիր հողամասերի սեփականատերերին ու չձևակերպված օգտագործողներին՝ կիրառելով նաև «ձևակերպում» մեթոդը:

Բացի վերոնշյալ միջոցներից, համայնքի գրասենյակում, ինչպես նաև որոշ ազդակիր գույքերի հարևանությամբ փակցվել են հայտարարություններ՝ Շրագրի իրականացման վերաբերյալ՝ տրամադրելով նաև Խորհրդատուի և ՏՕԻԿ-ի կոնտակտային տվյալները:

| Անուն, ազգանուն | Կարգավիճակ               | Ստորագրություն |
|-----------------|--------------------------|----------------|
| Սեֆիկ Մնականյան | Օգնել համայնքի ղեկավարին |                |

**Photos of announcements posted in community offices and near the affected properties**



## Unofficial translation

### ANNOUNCEMENT

Dear resident,  
Within the implementation of M6 Vanadzor-Alaverdi-Georgia Border Interstate Road Rehabilitation and Improvement Project your land plot is affected and subject to acquisition by Republic of Armenia for the road construction.

For the measurement, inventory survey and obtaining of other needed data please call the following number:

**094 82 85 09 Anna Hambardzumyan**

**“Transport projects implementation organization” State Non-Governmental Organization**

**Tel. (012) 20 10 09, 20 10 10**









## **Appendix 13 List of land plots to be removed from the list of GoA Decree<sup>38</sup>**

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<sup>38</sup> GoA decree N 1214-N adopted on 09.11.2017.

**Table 1: List of land plots to be removed from the GoA decree per ownership status and reasons of removal<sup>39</sup>**

| Reason of removal  | Land cadaster code | N         |
|--|--------------------|-----------|
| <b>A. Private land plots</b>   |                    |           |
| A1. The land plot was provided with access and is there is no need to acquire it any more                            | 06-002-0198-0146   | 1         |
|  | 06-088-0059-0002   | 1         |
| <b>A1. Subtotal</b>  |                    | <b>2</b>  |
| A2. The access area to the land plot will be paved by asphalt and is not subject to acquisition                      | 06-002-0001-0017   | 1         |
|  | 06-002-0010-0048   | 1         |
| <b>A2. Subtotal</b>  |                    | <b>2</b>  |
| A3. Only soil improvement works are envisaged which not require acquisition  | 06-060-0224-0012   | 1         |
|  | 06-060-0226-0013   | 1         |
| <b>A3. Subtotal</b>  |                    | <b>2</b>  |
| A4. The designed retaining wall will be reconstructed at the same place as the existing one, no need for acquisition | 06-002-0198-0054   | 1         |
|  | 06-002-0198-0059   | 1         |
|  | 06-002-0198-0149   | 1         |
|  | 06-002-0198-0150   | 1         |
|  | 06-002-0198-0151   | 1         |
|  | 06-002-0198-0164   | 1         |
|  | 06-002-0198-0166   | 1         |
|  | 06-002-0198-0190   | 1         |
|  | 06-002-0198-0196   | 1         |
|  | 06-002-0393-0001   | 1         |
|  | 06-002-0393-0003   | 1         |
|  | 06-002-0393-0004   | 1         |
|  | 06-002-0393-0005   | 1         |
|  | 06-002-0393-0006   | 1         |
|  | 06-002-0393-0008   | 1         |
|  | 06-002-0393-0009   | 1         |
|  | 06-002-0393-0010   | 1         |
|  | 06-002-0393-0013   | 1         |
| <b>A4. Subtotal</b>  |                    | <b>18</b> |
| A5. Not affected by DMS results  | 06-002-0010-0047   | 1         |
|  | 06-002-0033-0004   | 1         |
|  | 06-060-0203-0023   | 1         |
|  | 06-060-0214-0008   | 1         |
|  | 06-060-0226-0016   | 1         |
|  | 06-080-0005-0014   | 1         |
|  | 06-080-0005-0034   | 1         |
|  | 06-088-0214-0004   | 1         |
| <b>A5. Subtotal</b>  |                    | <b>8</b>  |

<sup>39</sup> The list has been discussed with the designers.

| Reason of removal   | Land cadaster code  | N         |
|---|---------------------|-----------|
| A6. Minor impact which was minimized by design solution                                   | 06-002-0001-0059    | 1         |
|   | 06-002-0001-0060    | 1         |
|   | 06-002-0006-0018    | 1         |
|   | 06-002-0137-0013    | 1         |
|   | 06-002-0629-0008    | 1         |
|   | 06-002-0629-0009    | 1         |
|   | 06-060-0226-0003    | 1         |
|   | 06-080-0005-0012    | 1         |
|   | 06-080-0107-0042    | 1         |
|   | 06-080-0108-0008    | 1         |
|   | 06-112-0437-0076    | 1         |
|   | 06-112-0438-0039    | 1         |
|   | 06-112-0438-0103    | 1         |
|   | 06-112-0505-0012    | 1         |
| <b>A6. Subtotal</b>   |                     | <b>14</b> |
| <b>Total A.</b>   |                     | <b>46</b> |
| <b>B. Community land plots</b>  |                     |           |
| B1. The land plot was provided with access and is there is no need to acquire it any more | 06-060-0214-0010    | 1         |
|   | 06-060-0224-0009    | 1         |
|   | 06-080-0117-0001    | 1         |
| <b>B1. Subtotal</b>   |                     | <b>3</b>  |
| B2. Only soil improvement works are envisaged which not require acquisition               | 06-080-0108-0010    | 1         |
|   | <b>B2. Subtotal</b> | <b>1</b>  |
| B3. Not affected by DMS results   | 06-002-0009-0004    | 1         |
|   | 06-002-0140-0006    | 1         |
|   | 06-002-0141-0022    | 1         |
|   | 06-002-0198-0160    | 1         |
|   | 06-003-0062-0057    | 1         |
|   | 06-060-0226-0009    | 1         |
|   | 06-060-0226-0015    | 1         |
|   | 06-080-0107-0036    | 1         |
|   | 06-080-0539-0001    | 1         |
|   | 06-088-0268-0028    | 1         |
|   | 06-112-0461-0009    | 1         |
|   | 06-112-0461-0020    | 1         |
|   | 06-112-1080-0002    | 1         |
| <b>B3. Subtotal</b>   |                     | <b>13</b> |
| B4. Minor impact which was minimized by design solution                                   | 06-002-0001-0061    | 1         |
|   | 06-060-0506-0001    | 1         |
|   | 06-112-0437-0067    | 1         |
| <b>B4. Subtotal</b>   |                     | <b>3</b>  |
| <b>Total B.</b>   |                     | <b>20</b> |

| Reason of removal                                       | Land cadaster code | N         |
|---|--------------------|-----------|
| <b>C. Not identified land plots</b>                     |                    |           |
| C1. Not affected by DMS results                         | 06-003-0063-0052   | 1         |
| <b>C1. Subtotal</b>                                     |                    | <b>1</b>  |
| C2. Minor impact which was minimized by design solution | 06-080-0534-0001   | 1         |
|   | 06-112-0438-0048   | 1         |
| <b>C2. Subtotal</b>                                     |                    | <b>2</b>  |
| <b>Total C.</b>   |                    | <b>3</b>  |
| <b>Grand Total A+B+C</b>                                |                    | <b>69</b> |