

# Resettlement Planning Document

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## Resettlement Plan

Grant Number: 0093

May 2010

## Nepal: Rural Reconstruction and Rehabilitation Sector Development Project

### Chinkhet-Sharpudaha Road Sub-Project, Rukum (Chaniage from 0+000 to 7+800)

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**Government of Nepal**  
**Ministry of Local Development**  
**Department of Local Infrastructure Development & Agricultural Roads**  
**District Development Committee/District Project Office**  
**Rukum District**

**Rural Reconstruction and Rehabilitation Sector Development Program (RRRSDP)**

**SHORT RESETTLEMENT PLAN**  
**Chinkhet-Sharpudaha Road Sub-Project**  
**(Chainage from 0+000 to 7+800)**

**May 2010**

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## **EXECUTIVE SUMMARY**

1. This Resettlement Plan (RP) provides a picture of the involuntary resettlement planning process and procedures that will be applied to Chhinkhet-Shyarpudaha road sub-project of Rural Reconstruction and Rehabilitation Sector Development Program (RRRSDP) which will trigger ADB's Involuntary Resettlement Policy and Resettlement Framework of the RRRSDP.
2. The subproject is located in Rukum District. Its total length is 7.8 km. The subproject starts from Chhinkhet village and ends at Shyarpudaha in Baphikot VDC. This road serves as a main access to settlements in the Northwest neighboring Salakhadi and Gotamkote VDCs of the District and expected to connect Dolpa District in future. The subproject will be constructed as all weather gravel road with 5m formation width. While selecting the subproject, the District Project Office (DPO) has defined this as Rural Road Class 'A' standard with 10 m Right of Way (RoW), i.e. 5 meter either side width from the centre line.
3. All together 7.8 ha land is required for this road construction in which, 2.09 hector is private and 5.71 hector is public land. All the private lands required for the subproject implementation are voluntarily donated by the land owners. Only the cost of trees will be compensated.
4. A census socio-economic and loss assessment household survey of the project affected peoples (APs) followed by a project detail design was carried out to document complete socioeconomic analysis as well as loss assessment. Altogether 117 plots of the 88 households (hhs) found affected among which 71 hhs were surveyed and 17 hhs were absent in the village during the survey period. The APs included 38 Brahmin/chhetri, 24 Dalits and 9 Janajati including 9 women headed hhs.
5. The average food sufficiency months of the APs from their own farming is 9.2 months and it will be reduced to 9.0 months due to the project intervention. There were 2 hhs found food sufficient for below 3 months, 3 hhs have 3-6 months, 28 have 6-9 months food security, and 34 hhs have more than nine months of food security. The food deficiency is fulfilled from non-agricultural incomes like remittance, business enterprises, wage labor etc. Altogether, 117 plots of the 88 hhs and 1832 trees will be affected by the sub-project. The survey reveals that average annual agricultural income of the affected households is about Nrs. 25102.00. The hhs have annual average non-agricultural income above Nrs 86982.00. About 30 percent of APs income comes from agricultural production and 70 percent from other sources. While no changes are expected on non-agricultural income as a result of the land loss whereas hhs are expected to experience some reduction in agricultural income in proportion due to their loss of land in total holding.
6. Major objectives of the project is to avoid or minimize land acquisition and involuntary resettlement wherever possible. In unavoidable situation, the project aims to ensure that the AP's rights are ensured and they receive assistance to remain in the same level as they would have been in absence of the sub project. All involuntary land acquisition (other than voluntary land donation) will be compensated at replacement cost. Special attention will be paid to ensure that households headed by women and other vulnerable groups receive appropriate assistance. The national laws, regulation, resettlement framework and ADB's resettlement safeguard policy has been followed during land acquisition and compensations are paid to the right holders.
7. A Grievance Redress Committee (GRC) has been formed at district level for hearing the complaints of APs and for their appropriate resolution. Similarly, one Grievance Redress Sub-Committees (GRSC) has been formed at the village level including three representative from Village Infrastructure Construction Coordination Committee (VICCC) and two from affected persons (APS) for hearing the complaints and disputes relating to land acquisition and

compensation. A Compensation Determination Committee (CDC) has been formed under the chairpersonship of the Chief District Officer (CDO). The total resettlement cost including other assistance of NRs. 1.8 million has been proposed for implementation of RP in which the compensatory costs are decided by CDC. The Resettlement Plan (RP) has made sufficient provision to restore/rehabilitate APs by providing employment opportunity during construction. Beside employment, APs will also receive opportunity through Livelihood Enhancement Skill Training (LEST) to restore their living standard.

8. Project Coordination Unit (PCU) supported by the Central Implementation Support Consultant (CISC) at the centre, District Project Office (DPO) supported by the District Implementation Support Team (DIST) at the district level, and VICCC at the sub-project VDC level will be involved in implementing the plan.

9. The DPO will be responsible for the internal monitoring of the resettlement planning and implementation throughout the sub-project cycle. A verification report on resettlement plan implementation will be carried by PCU assisted by Resettlement Specialist of the CISC and submitted to ADB along with the proposal to award of contracts. The activities will be monitored and evaluated externally once in a year through an independently appointed agency not involved with any aspects of the project, which will provide report to both PCU/DPO and to ADB. The RP has included indicators for external monitoring.

10. There were no significant impacts being experienced by APs in this Chhinkhet-Sharpudaha road sub-project and hence fall under category B of Involuntary Resettlement policy of ADB. Therefore, a Short Resettlement Plan has been prepared to mitigate the losses due to the road subproject.

## **GLOSSARY OF TERMS**

Affected Person (AP)	All persons who as of the cut-off-date stand to lose for the project all or part of their land or other assets, irrespective of legal or ownership title.
Cut-off Date	The date of census survey to count the APs and their affected land and assets.
Land Donation	Land owners' willingness to provide part of his/her land for the project in expectation of project benefits. It must be voluntary or unforced and confirmed in written agreement witnessed by third party.
Legalizable	Those who do not have formal legal rights to land when APs are recorded, but could claim rights to such land under the law of Nepal.
Non-titled	Those who have no recognizable rights or claims to the land that they are occupying. However illegal inhabitants as per law of Nepal will be excluded from non-titled.
Poverty Line	The level of income below which an individual or a household is considered poor. Nepal's national poverty line which is based on a food consumption basket of 2,124 calories and an allowance for non food items of about two thirds of the cost of the basket will be adopted by the sub project to count APs under the poverty line. Whereas this poverty level may vary in accordance to district. Reference poverty line for poverty measurement 2007/08 for Rukum District is Rs 11269.30/-, calculated based on inflation rate of 26.6 percent from the base year 2003/04. The determination of poor households or persons will be based on the census and socio-economic survey and further confirmed by community meetings.
Project Affected Family	A family consisting of APs, his/her spouse, sons, unmarried daughters, daughters-in law, brothers or unmarried sisters, father, mother and other legally adopted members residing with him/her and dependent on him/her for their livelihood.
Severely Project Affected Family/People (SPAF)	A Project Affected Family that is affected by the project such as: a. There is a loss of land or income such that the affected family fall below the poverty line; and/or b. There is a loss of residential house such that the family members are physically displaced from housing.
Squatters	People living on or farming land not owned by themselves and without any legal title or tenancy agreement. The land may belong to the Government or to individuals.
Titled	APs who have formal legal rights to land, including any customary or traditional rights recognized under the laws of Nepal.
Third Party	An agency or organization to witness and/or verify "no coercion" clause in an agreement with APs in case of voluntary land donation. One independent agency (i.e. not involved in project implementation), preferably working on rights aspect, will be recruited in each development region to serve this function.
Vulnerable Group	Distinct group of people or persons who are considered to be more vulnerable to impoverishment risks than others. The poor, women-headed, <i>Dalits</i> and IPs households who fall below poverty line will be counted as vulnerable APs.
Women-headed household	Household headed by women, the woman may be divorced, widowed or abandoned or her husband can be working away from the District for long periods of time, where the woman takes decision about the use of and access to decision about the use of and access to household resources.

**ABBREVIATION**

ADB	Asian Development Bank
AP(s)	Affected Person(s)/People/Family
CDC	Compensation Determination Committee
CDO	Chief District Officer
CFUG	Community Forest Users Group
CISC	Central Implementation Support Consultant
DADO	District Agriculture Development Office
DDC	District Development Committee
DIST	District Implementation Support Team
DoLIDAR	Department of Local Infrastructure Development and Agriculture Roads
DPCC	District Project Coordination Committee
DPO	District Project Office
DTO	District Technical Office
EA	Executive Agency
FGD	Focus Group Discussion
FY	Fiscal Year
GAP	Gender Action Plan
GoN	Government of Nepal
GRC	Grievance Redress Committee
GRSC	Grievance Redress Sub Committee
ha	Hectare
HHN	Household Number
HH(s)	Household(s)
IA	Implementing Agency
IPDF	Indigenous People Development Framework
IPDP	Indigenous People Development Plan
IR	Involuntary Resettlement
Kg	Kilogram
LEST	Livelihood Enhancement Skills and Training
m	meter
MoFSC	Ministry of Forest and Soil Conservation
MoLD	Ministry of Local Development
MoU	Memorandum of Understanding
NGO	Non Governmental Organization
NRs	Nepalese Rupees
PAF	Project Affected Families
PAP	Project Affected Person
PC	Project Coordinator
PCU	Project Coordination Unit
RBG(s)	Road Building Group(s)
RF	Resettlement Framework
RoW	Right of Way
RP	Resettlement Plan
RRRSDP	Rural Reconstruction and Rehabilitation Sector Development Program
RS	Resettlement Specialist
SAP	Social Action Plan
SDS	Social Development Specialist
SM	Social Mobilizer
SPAF	Severely Project Affected Family
sqm	Square meter
VDC	Village Development Committee
VICCC	Village Infrastructure Construction Coordination Committee



## **1. INTRODUCTION**

1. This Short Resettlement Plan (RP) describes the updated involuntary resettlement planning process and procedures that is applied to the Chhinkhet-Sharpudaha road sub-project under the Rural Reconstruction and Rehabilitation Sector Development Program (RRRSDP) which triggers ADB's Involuntary Resettlement Policy and Resettlement Framework of the RRRSDP.

2. The subproject is located in Rukum District, about 400 km west of Kathmandu. The road starts from Chinkhet village and ends at Shyarpudaha in Baphikot VDC. This road serves as a main access to settlements in the Northwest neighboring Salakhadi and Gotamkote VDCs of the District and expected to connect Dolpa District in future. The length of the proposed road is 7.8 km with new construction. The road will be of Nepal Rural Road Standard Class 'A' of District Road (RR-A) category according to DoLIDAR standard. Normally 10 meter width Right of Way (RoW) with 5 m formation width is envisaged for this subproject, with more width in selected switchback, lay-byes, extra widening and mass balance.

3. Information on the socio-economic characteristics of the affected people (APs) has been collected using hh surveys and focus group interviews as part of the feasibility study. The study included a census socio-economic and loss assessment survey of all affected households (APs) along the subproject alignment. During the project design several alternatives were explored to avoid or minimize land acquisition, some impacts were found unavoidable due to technical and road safety considerations. The survey team has selected the least valuable, least agriculturally productive land for the right of way for road construction and took care to avoid the demolition of houses. There is no structure and agricultural crops along the alignment except some fodder trees on the private plots. The subproject passes along the barren land of the rocky hill.

4. The census survey listed all APs and determined the extent of the impact of the subproject on APs' properties and assets. The survey also involved community meetings and interviews with landowners who lost land for new road construction of the alignment. Details land requirements were discussed with affected persons and families and asked to suggest alternatives to minimize the land loss.

5. This RP has been prepared based on the detailed survey findings regarding loss of land and other assets within 10 m RoW (5 m either side from the centre line) and trees within the formation width of the road alignment. It will help to set out strategies to mitigate and compensate for adverse impact of the sub-project and improve or maintain living standards of APs along the road corridor. Moreover, it will also set the parameters for the entitlement package for those affected, the institutional arrangement, mechanism for consultation and grievance resolution, the timeframe and cost estimates. In preparing the RP, ADB's Policy on Involuntary Resettlement and the Resettlement Framework (RF) has been closely followed.

6. The sub-project affects 117 plots of 88 households (hhs) in total. Among them 71 hhs were surveyed and 17 hhs were absentees (Please see Appendix 1). Therefore socio-economic analysis includes only those surveyed, whereas loss assessments include all APs affected by the sub-project. Additionally two Community Forest Users Groups (CFUGs) lose land and trees along the alignment. Since none of the APs lose more than 17 percent of their total land holdings and no structures affected or family displaced due to the road construction. There were no hhs belonging to indigenous peoples group as defined by the Indigenous Peoples

Development Framework (IPDF) of the RRRSDP. The sub-project is expected to have not-significant impacts on APs, and hence falls under category B of Involuntary Resettlement classification. Therefore, a Short Resettlement Plan is prepared to mitigate the losses due to the implementation of the road subproject. Table 1 gives the summary of affected population.

**Table 1: Affected Population in the Sub-project**

Variable	Frequency	Remarks
Total Affected Household	88	Including 17 absentees
Total Affected Population	452	In 71 surveyed hhs
Interviewed Household	71	
<b>Ethnicity of Affected Households</b>		
Dalit	24	
Brahamin/Chettri Household	38	
Janajati (Magar)	9	
Marginalized Ethnic Group (defined as IP by Project)	0	
Male	211	
Female	241	
Women headed households	9	
Average HH size	6.37	

*Source: Socio-economic and loss assessment survey, November, 2009.*

7. This road subproject will provide benefits to the local people after its completion. The people will have immediate access to the district headquarter. It will also reduce travelling time due to construction of the subproject providing transportation facilities to the local communities. In addition, it is also anticipated that implementation of this subproject may bring several positive changes in the area such as creation of employment opportunities during construction period, land and settlement development along the corridor, increase in land price, develop market centres and of tourism targeting Shyarpudaha and other lakes in Rukum.

## 2. SCOPE OF LAND ACQUISITION AND RESETTLEMENT

8. This sub-project requires 7.8 ha of land area for the construction of which 5.71 ha public land is available and requires 2.09 hectares (ha) of private land for the road construction. This represents an average loss of 0.0237 ha per household. It was found that about 77.46 percent of the HHs land holding size is < 0.5 ha, 21.12 percent hhs have 0.5 to 1.0 hector land holdings and 1.40 percent of the HHs land holding size is > 1.0 ha. Out of total HHs none of them will lose more than 20 percent of their total holdings (Please refer Appendix 4).

9. An analysis of pre and post project scenario indicates that the land holding pattern will not change even after the sub-project. No plots were sharecropped and no squatter families were identified and thus no issue of land title. Detail socio-economic information is summarized in Table 2.

**Table 2: Summary of Impacts**

	Pre-Project		Post-Project		Remarks
	Number	%	Number	%	
<b>1. Total APs</b>					
Households	88				Including 17 absentee
Population	452				Includes 71 hhs only
Male	211	46.68			
Female	241	53.31			
Average household size	6.37	100			
<b>2. Land Holding (HH)</b>					
<0.5 ha	55	77.46	58	81.69	
0.5-1.0 ha	15	21.12	12	16.90	
>1.0 ha	1	1.40	1	1.40	
Average (ha)	0.0237				
<b>3. Households by Land Loss</b>					17 absentee in Resettlement Survey
Losing <20%	71	100%			71 included in survey
Losing >20%	0				
Total HHS losing land	88				
Total HHs Losing tree.	38				
Average ha	0.0237				
<b>4. Sub-project impact by type</b>	452				
4.1 Total area of the land (sqm) required	78,000				
4.1.1 Private land (sqm)	20,855				
4.1.2 Public land (sqm)	57,145				
4.2 Total number of private plots affected	117				belongs to 88 hhs
4.3 Private Houses	0				
4.4 Community	0				

Structures					
4.5 No. of trees	1832				
4.5.1 CFUGs, tree	1432				In two CFUGs
4.5.2 Private tree	400				In 38 plots

*Source: Socio-economic and loss assessment survey, November, 2009.*

10. This Chhinkhet –Shayrpudaha Road sub project passes through the Gamthale and Salghari community forest and affected 1832 trees including 400 private trees. There is no private and community structure affected by this alignment. The list of the households losing trees with cost estimation has been enclosed (Please see Appendix 3).

### 3. SOCIO-ECONOMIC INFORMATION OF THE AFFECTED HOUSEHOLDS

11. Socio-economic information of APs were collected through household survey and focus group discussions (FGDs). Since 17 affected household were absent in the sub project site, only 71 households' socio-economic survey was conducted. The socio-economic information of APs are depicted in the table 3.

**Table: 3 Socio-Economic Analyses of APs Households**

Variable	Pre-Project		Post-Project	
	No./Income	Percent (%)	No./Income	Percent (%)
<b>1. Income from Land (HH)</b>				
<12,000	1	1.40	1	1.40
12000-25,000	13	18.30	13	18.30
>25,000	57	80.28	57	80.28
Average	25102.94	100.00	24910.29	100.00
<b>2. Non-agr. Income (HH)</b>				
<12,000	0	0	0	0
12000-25,000	5	7.04	5	7.04
>25,000	66	92.95	66	92.95
Average	86982	100.00	86982	100.00
<b>3. Total Income(HH)</b>				
<25,000	0	0	0	0
25000-50,000	4	5.63	4	5.63
>50,000	67	94.34	67	94.34
Average	111975	100.00	108263.34	100.00
<b>4. Food sufficiency (HH)</b>				
Less than 3 months	2	2.94	2	2.94
3-6 months	7	10.29	7	10.29
6-9 months	28	36.76	24	35.29
9 and above months	34	50	35	51.47
Average month	9.2		9.	
<b>5. Ethnicity (HH)</b>				
Dalit caste	24	32.35		
Marginalized Ethnic Group (defined as IP by Project)	0	0		
Other Janajati (Magar)	9	13.23		
Bhraman/Chetteri	38	54.41		
<b>6. Poverty (HH)</b>				
<20% land loss	71	100	71	100
Above Poverty (PCI)	71	100	71	100

Below Poverty (PCI)	0	0	0	0		
>20% Land loss	0	0	0	0		
<b>7. Women Headed Households</b>	9	13				
<b>8. Age Group</b>	<b>Male</b>	<b>Percent</b>	<b>Female</b>	<b>Percent</b>	<b>Total</b>	<b>Percent</b>
0-6	37	18	39	16	76	17
6-16	44	21	56	23	101	22
16-45	79	37	84	35	162	36
46-60	39	18	45	19	84	19
Above 60	12	6	17	7	29	6
Total	211	100	241	100	452	100

*Source: Socio-economic and loss assessment survey, November, 2009.*

12. The income and expenditure data of surveyed hhs reveals that families have more income from non-agriculture sector compared to agriculture sector. Out of total income, about 77 percent of the share is from non-agricultural income. Apart from farming, most of the hhs are depending on non-agriculture sector such as, remittance, small business, entrepreneurship, labour etc.

13. Out of 71 hhs, 1 hh earns less than NRs 12000 per year from own land, 13 hhs earn 12000-25000 and 57 hhs earn more than Nrs. 25000 from agricultural income. Whereas majority (66 hhs) earns >25000 from non-agricultural sector. As per Table 6, loss of agricultural income is NRs 192.00 per hh on an average due to sub project intervention.

14. The average food sufficiency month of the APs is 9.2 months it will reduced to 9 months in post project period. The data reveals that 2 hhs have food sufficiency for less than 3 onths, 7 hhs have for 3-6 months, 28 have for 6-9 months and 34 hhs have more than nine months food sufficiency from their own land. The food deficit months are easily fulfilled via income from non-agriculture sector.

15. The data analysis of the APs shows that there are no hhs losing more than 20 percent of their total land holding and no hhs falls below district poverty level before or after the sub-project intervention.

16. About 36 percent of the population among APs are in active age<sup>1</sup>group. The age distribution of APs shows that 177 persons are < 16 years, that includes children and school going students, 162 persons are 16-45 years age group, who are eligible for Livelihood Enhancement Skill Training (LEST), 29 persons are in 46-60 years age group and 29 peoples are 60 years and above.

17. About 54.41 percent of the hhs are from Bahmin/Chhetri and 13 percent are from the ethnic groups (Magar) and 32.5 percent from Dalit. Regarding their occupation about 51 percent works on their own land, about 11 percent are doing small business, nearly 15 percent are

<sup>1</sup> Priority will be given to the age group between 16-45 years while planning LEST for APs.

involved in animal husbandary and 18 percent works as wage labour within and outside the village and have pension and remittances.

18. Out of total 71 hhs, 7 have received health and sanitation training, 5 HHs have taken women and reproductive health training, 4 HHs have attended women literacy and 16 HHs were found involved in saving and credit program.

19. The average time taken to reach the District Headquarters is 3.5 hours on foot and 1.5 hours by jeep and cost 150 rupees for single trip. Average walking time (round trip) to primary schools is around 25 minutes, to college 1 hour and to secondary schools, 40 minutes. Local traditional healers are located in all communities at about 14 minutes walk, and a health post at about 1 hour, Local markets are on average 25 minutes walking distance whereas a larger market is around 3.5 hours walking. Veterinary and agro-centre are found in average 3.5 hours walk and now sky mobile service is available in most of the households in the sub-project area.

#### 4. POLICY FRAMEWORK, OBJECTIVES AND ENTITLEMENTS FOR THE PROJECT

##### 4.1 Applicable Legal and Policy Framework

20. This section provides the review of national laws, policies of the donor agency and the Resettlement Framework of the RRRSDP that applies to the project.

21. The **Interim Constitution of Nepal (2007)** guarantees the fundamental rights of a citizen. Article 19(1) establishes the right to property for every citizen of Nepal, whereby every citizen is entitled to earn, use, sell and exercise their right to property under existing laws. Article 19 (2) states that except for social welfare, the state will not acquire or exercise authority upon individual property. Article 19 (3) states that when the state acquires or establishes its right over private property, the state will compensate for loss of property and the basis and procedure for such compensation will be specified under relevant laws.

22. The **Land Acquisition Act (1977)** and its subsequent amendment in 1993 specify procedures of land acquisition and compensation. The Act empowers the Government to acquire any land, on the payment of compensation, for public purposes or for the operation of any development project initiated by government institutions. There is a provision of Compensation Determination Committee (CDC) chaired by Chief District Officer to determine compensation rates for affected properties. The Act also includes a provision for acquisition of land through negotiations. It states in Clause 27 "notwithstanding anything contained elsewhere in this Act, the Government may acquire any land for any purpose through negotiations with the concerned land owner. It shall not be necessary to comply with the procedure laid down in this act when acquiring land through negotiations."

23. The **Land Reform Act (1964)** is also relevant. As per the Act, a landowner may not be compensated for more land than s/he is entitled to under the law. This Act also establishes the tiller's right on the land which s/he is tilling. The land reform act additionally specifies the compensation entitlements of registered tenants on land sold by the owner or acquired for the development purposes. The Act amendment most recently in 2001 has established a rule that when state acquires land under tenancy, the tenant and the landlord will each be entitled to 50 percent of the total compensation amount.

24. The **Land Revenue Act (1977)** is also applicable, as the land acquisition involves change of ownership of land. Article 8 of the Act states that registration, change in ownership, termination of ownership right and maintenance of land records are done by Land Revenue Office. Similarly article 16 says, if land revenue is not paid by the concerned owner for long period of time, the revenue can be collected through auction of the parcel of the land for which revenue has been due.

25. The **Public Roads Act, 2031 (1974)** empowers the government to acquire any land on a temporary basis for storage facilities, construction camps and so on during construction and upgrading of roads. Any buildings and other structures such as houses, sheds, schools, and temples are to be avoided wherever possible. The government is required to pay compensation for any damages caused to buildings, standing crops and trees. Compensation rates are negotiated between the government and the landowners.

26. Land acquisition must also comply with the provisions set out in the **Guthi Corporation Act 1976**. The Section 42 of the Act states that Guthi (religious/trust) land acquired for a development must be replaced with other land.

29. The government has drafted, with ADB's technical assistance, a **National Policy on Land Acquisition, Compensation and Resettlement Development Projects**. The Policy is still in the draft form, but once approved will provide clear guidelines to screen, assess and plan



land acquisition and resettlement aspects in development projects. The draft Policy highlights the need to handle resettlement issues with utmost care and forethought particularly in case of vulnerable groups. There are provisions of voluntary land donation by non-poor and providing assistance to poor families.

27. The **ADB's Policy on Involuntary Resettlement** states that involuntary resettlement should be avoided where feasible. Where population displacement is unavoidable, it should be minimized by exploring all viable options. People unavoidably displaced should be compensated and assisted, so that their economic and social future would be generally as favourable with the project as it would have been in the absence of the project. People affected should be informed fully and consulted on resettlement and compensation options. Existing social and cultural institutions of resettlers and their hosts should be supported and used to the greatest extent possible, and resettlers should be integrated economically and socially into host communities. The absence of formal legal title to land by some affected groups should not be a bar to compensation; particular attention should be paid to households headed by women and other vulnerable groups, such as indigenous peoples and ethnic minorities, and appropriate assistance provided to help they improve their status. As far as possible, involuntary resettlement should be conceived in the presentation of project costs and benefits. The policy addresses losses of land, resources, and means of livelihood or social support systems, which people suffer as a result of an ADB project.

28. **ADB's Operational Manual Section F2/OP** states that where projects provide direct benefits to communities, and are amenable to a local decision-making process, arrangements to deal with losses on a transparent, voluntary basis may be included in resettlement plans, with appropriate safeguards. Such safeguards include (i) full consultation with landowners and any non-titled affected people on site selection; (ii) ensuring that voluntary donations do not severely affect the living standards of affected people, and are linked directly to benefits for the affected people, with community sanctioned measures to replace any losses that are agreed to through verbal and written record by affected people; iii) any voluntary "donation" will be confirmed through verbal and written record and verified by an independent third party such as a designated non government organization or legal authority; and (iv) having adequate grievance redress mechanisms in place. All such arrangements are set out in a resettlement framework that is prepared before the first management review meeting or private sector credit committee meeting and covenanted.

## **4.2 Objectives**

29. The major objective of the sub project's RP is to avoid or minimize land acquisition and involuntary resettlement wherever possible and in unavoidable situation to ensure the AP's rights and receive assistance to remain in the same level as they would have been in absence of the sub project. The key resettlement principles in this project are as follows:

- a. Involuntary land acquisition and resettlement impact will be avoided or minimized through careful planning and design of the project;
- b. For any unavoidable involuntary land acquisition and resettlement, APs will be provided compensation at replacement cost and/or assistance so that they will be as well-off as without the project;
- c. APs will not be forced for donation of their land, and there will be adequate safeguards for voluntary land donation.
- d. APs will be fully informed and consulted during project design and implementation, particularly on land acquisition and compensation options;

- e. The absence of formal legal title to land will not be a bar to compensation for house, structures and trees/crops, and particular attention will be paid to vulnerable groups and appropriate assistance provided to help them improve their socio-economic status;
- f. Land compensation and resettlement assistance will be completed before award of civil works contracts, while other rehabilitation activities will continue during project construction; and
- g. Land acquisition and resettlement will be conceived part of the project and the costs related to resettlement will be included in and financed out of the project cost.

30. The sub project selection and planning follow community-driven approach, which gives communities ownership over planning and project implementation. The sub-project will provide direct benefits to community, including improved access to markets and services such as schools, health and other public services. It is believed that the improved road will also lead to higher value and production of local land because of improved access and availability of agricultural inputs. Given that most local people are willing to voluntarily donate part of their land in road improvement that provides benefit to community. However, adequate process and safeguards are built in the RP ensuring that the voluntary land donation is unforced and it doesn't lead to impoverishment of affected people, including:

- h. Full consultation with affected persons and communities on selection of sites and appropriate design to avoid/minimize additional land acquisition and resettlement effects;
- i. As a first principle, APs were informed of their right to entitle compensation for any loss of their property (house, land, and trees) that might be resulted by the project construction, and the land donation might be accepted only as a last option;
- j. No one will be forced to donate their land and APs will have the right to refuse land donation;
- k. In case APs are directly linked to project benefits and thus are willing to voluntarily donate their land after they are fully informed about their entitlement, the project will assess their socio-economic status and potential impact of land donation and accept land donation only from those APs who do not fall below the poverty line after the land donation.
- l. Any voluntary land donation (after the process as mentioned above) will be confirmed through a written record, including a "no coercion" clause verified by an independent third party.
- m. The donation will be limited to only land and minor assets (houses and major assets will be excluded from donation);
- n. A Grievance Redress Committee (GRC) will be set up at VDC level in every road section (chaired by local leader, and including representatives of APs) and APs who are not satisfied with the land donation can file their complaint with GRC. If GRC found out that the above provisions were not complied with, APs will be excluded from the land donation.

31. All involuntary land acquisition (other than exceptional voluntary land donation) will be compensated at replacement cost and APs assisted so that their economic and social future would generally be as favourable as it would have been in the absence of the project. The absence to formal title to land will not be a bar to compensation assistance for loss of assets and special attention will be paid to ensure that households headed by women and other vulnerable groups receive appropriate assistance to help them improve their status. The APs land affected by the road were informed by the project office through local FM radio and publishing general notice at the VDC. Therefore, date written in the notice will remain the cut-off-date, which is 26-01-2010 for the entitlement and owners (including non-titled) of affected

assets till such a date will be eligible to be categorized as APs. The entitlement policy/matrix of this project is presented in Table 4.

### 4.3 Entitlement Matrix/Policy

**Table 4: Entitlement Matrix/Policy**

Type of Loss	Application	Definition of Entitled Persons	Policy/Entitlement
1. Acquisition of private, tenancy, or Guthi land	Entire or part of land to be acquired from owner of the land as recorded at cut off date	<ul style="list-style-type: none"> <li>Titleholder</li> <li>Tenants</li> </ul>	<ul style="list-style-type: none"> <li>Land with equivalent size and category, or cash compensation at replacement cost</li> <li>In case of vulnerable group, preference will be in replacing land for land</li> <li>Any transfer costs, registration fees or charges</li> <li>Registered tenant will receive the 50% value of the land</li> <li>Land registration in the name of both land owner and spouse (in case of land for land compensation)</li> <li>If remaining land becomes unavailable for use as a result of land acquisition, APs will have option to relinquish unavailable remaining portion of land and receive similar benefits to those losing all their land parcel</li> <li>persons having non titled land will receive compensation for crops and subsistence allowance for one year crop, and provided with replacement land if <i>Ailani</i> or Gov. land is available in the village. Any up-front costs for the tenancy agreement will be reimbursed either through an agreement with the land lord or by the EA</li> </ul>
2. Temporary loss of land	Temporary land taken by the project	<ul style="list-style-type: none"> <li>Titleholder</li> <li>Tenants</li> </ul>	<ul style="list-style-type: none"> <li>Compensation at replacement cost for the net loss of income, damaged assets, crops and trees etc.</li> <li>An agreement between contractors and APs before entering the site if case of involvement of contractors.</li> </ul>
3. Loss of residential, commercial, and other structure	Structures, buildings including cattle shed, walls, toilets etc. affected by the project.	<ul style="list-style-type: none"> <li>Owner</li> <li>Tenants</li> <li>Non-titled (encroachers/ squatters)</li> </ul>	<ul style="list-style-type: none"> <li>Compensation for full or partial loss at replacement cost of the affected structure without depreciation or deduction for salvaged material.</li> <li>Displacement and transportation allowance for residential and commercial structures to cover actual cost as estimated in the RP.</li> <li>Rental stipend equivalent of three months' rent for tenants who have to relocate from tented building.</li> </ul>
4. Loss of community structures / resources	Community facilities (e.g. irrigation, water, etc.) affected by the project.	The users of the facility or community or group	<ul style="list-style-type: none"> <li>Reconstruction by the project leaving such facilities in a equivalent or better condition than they were before. or</li> <li>Cash compensation at full replacement cost without depreciation or deduction for salvaged material.</li> </ul>
5. Loss of trees and crops	Affected fruit/nut trees	Owner of the affected fruit/nut trees	<ul style="list-style-type: none"> <li>Cash compensation based on annual value of the produce and calculated according to the Department of Agriculture (DoA) norms. RPs to confirm that the DoA norms and techniques are sufficient and updated regularly.</li> </ul>
	Affected timber and fodder trees	Owner of the affected timber and fodder trees	<ul style="list-style-type: none"> <li>Cash compensation based on calculation of the production and calculated according to the norms as decided by the Ministry of Forestry and Soil Conservation.</li> </ul>
	Affected crops	Owner of the affected crops Sharecropper of the affected crops	<ul style="list-style-type: none"> <li>Cash compensation based on the local market prices for the produce of one year and calculated as per the norms of District Agriculture Development Office (DADO).</li> <li>50% cash compensation of the lost crop for the sharecropper.</li> </ul>

Type of Loss	Application	Definition of Entitled Persons	Policy/Entitlement
6. Loss of economic opportunity	Economic opportunity lost as result of loss of livelihood base.	Persons in the road vicinity who may be adversely affected, although they do not lose assets as such	<ul style="list-style-type: none"> <li>• Preferential employment in wage labour in project construction works.</li> <li>• Skills training support for economic restoration</li> <li>• Priority in poverty reduction/social development program</li> </ul>
7. Loss of time and travel expenses	All expenses incurred in travelling to fill application and making claims and time lost.	The entire project affected persons eligible for compensation.	<ul style="list-style-type: none"> <li>• Project facilitates to avoid time and travel expenses by providing the compensation at site.</li> </ul>
8. Land donations	Loss of land and other assets by means of voluntary donation	Voluntary donation is accepted only if AP: <ul style="list-style-type: none"> <li>• Is project beneficiary and is fully consulted and informed about their rights;</li> <li>• Doesn't fall below poverty line after land donation;</li> <li>• Donating up to 20% land holding,</li> <li>• Unforced or freely willing to donate (with an agreement, including a "no coercion" verified by third party</li> </ul>	<ul style="list-style-type: none"> <li>• No compensation for the donated land, but entitled for compensation of other assets such as house, structures,, etc.</li> <li>• Transfer of land ownership by negotiation (DDC and the owner).</li> <li>• Free/escape of any transfer costs, registration fees or charges.</li> <li>• Preferential employment in wage labour in project construction work.</li> </ul>
9. Additional Assistance			
	9.1 Preference in employment in wage labour in project activities	All APs	<ul style="list-style-type: none"> <li>• Construction contracts include provision that APs will have priority in wage labor on project construction during implementation.</li> <li>• APs shall be given priority after construction for work as maintenance worker, mandated in local body agreement.</li> </ul>
	9.2 Skill training and income generation support	One member of each PAF belonging to vulnerable group/below poverty line	<ul style="list-style-type: none"> <li>• Skill training and income generation support financed by project</li> <li>• RP to include a need assessment and skill training program for APs.</li> </ul>
	9.3 Priority in poverty reduction/social development programs	All APs	<ul style="list-style-type: none"> <li>• Participation of APs with priority in saving credit scheme facilitated by the Project.</li> <li>• Participation of APs with priority in life skills, income generation, and other entrepreneurship.</li> </ul>

Source: *Resettlement Framework*. RRRSDP. Ekantakuna, Lalitpur.

## **5. GENDER IMPACTS AND MITIGATING MEASURES**

32. The construction of the sub-project, as per the women participants, will have far-reaching impacts on them and their lives. Firstly, women participants expressed that their mobility will be greatly enhanced. They were of the opinion that they will especially benefit from the sub-project, since their mobility will be enhanced both in terms of access to social services, as well as access to higher levels of schooling in district headquarter Khalanga. However, negative impact of the project considered by women headed hhs and Dalits is the loss of the assets that includes the land and trees.

33. The sub-project is anticipated to have direct adverse impacts on a total of 9 women headed hhs and 24 Dalit hhs residing on the project area. Additionally 9 Magar hhs of the subproject area were identified as vulnerable ethnic group during consultation meeting with Village Infrastructure Construction Coordination Committee (VICCC). Provisions have therefore been made Livelihood Enhancement Skill Training (Please refer table 5) for them in this RP to provide additional assistance to those women headed hhs, Magar ethnic community and Dalits hhs so as to restore their lives and livelihood.

## **6. INFORMATION DISSEMINATION, CONSULTATION, PARTICIPATION, DISCLOSURE AND APPROVAL OF RP**

34. The project organized 4 community consultation meetings with APs, VICCCs, Grievance Redress Sub-committees and the other stakeholders and informed them about the project. They were provided information on project component, stages, involuntary resettlement principles, strategies, safeguard provisions, Resettlement Framework (Appendix 11) etc. These meetings were used to get wider public input from both the primary and secondary stakeholders. The synopsis of the consultations including the number of meetings held, number and profile of the participants, issues raised have been presented in the Appendix 8 and 9.

35. In the meeting, APs expressed their willingness to donate part of their land to construct the road and also agreed to go for deed transfer process. DIST team had disclosed the resettlement entitlement matrix along with criteria for voluntary land donation.

36. The community meeting and interviews were carried out in Taligaun, Kote, Netapokhera villages and VDC office Building of Baphikot VDC with the owners of land affected by the sub-project. During the meeting, people were informed about the provision of resettlement safeguards, land donation provision and condition of the project, available budget etc. The resettlement specialist along with other social and technical staffs' team of District Implementation Support Team (DIST) in coordination with VICCC had facilitated the information campaign during walkover survey, cadastral and household listing, and socioeconomic and loss assessment survey of the household. During household survey, each household was again informed about the sub project, entitlements and project procedures. The draft RP was disclosed to the APs and informed about their entitlements through consultation meeting. The communities were explained about:

- relevant details of the project scope and schedule
- RP and the various degrees of project impact
- Details of the entitlements under the RP and what is required to APs in order to claim their entitlement.
- Implementation Schedule with a timetable for the delivery of entitlements,
- compensation process and set out compensation rates,
- detailed explanation of the grievance process and other support in arbitration,
- Role of DPCC, VICCC, GRC and other community officials to encourage the APs in RP implementation, and
- Special consideration and assistance of all vulnerable groups.

37. A continued information and consultation program will be conducted during RP implementation, income restoration and even after that, during the project period. The Resettlement Specialist of DIST will act as information conduit. Resettlement specialist (RS) and Social Mobilizers (SM) will also facilitate DPO in land and other property acquisition, compensation process and actively encourage and enable the APs to participate in the sub-project processes. This will support enable communities to prepare for participation more readily and help socially disadvantaged people to negotiate employment, understand their compensation requirements, gain fairer compensation or acceptable alternatives and conclude land deed transfer to the Government. The role will be continued for purpose of grievance procedures and for post-implementation stage.



38. A summary RP (final) has been prepared in Nepali and made available to the affected people by DIST (please see Appendix 7). The approved RP will be disclosed on the website of the RRRSDP as well as ADB.

## 7. GRIEVANCE REDRESS MECHANISMS

39. A Grievance Redress Committees has been established for the subproject for hearing complaints of APs and for their appropriate resolution.<sup>2</sup> Other than disputes relating to legal rights, it will review all grievances relating to land acquisition. Grievances will be redressed within two to four weeks from the date of lodging the complaints. The Grievance Redress Committee (GRC) comprises of:

- i. Head of DDC/local leader (Chairperson),
- ii. One representative of the local bodies;
- iii. Two representatives of the APs (including VG member)
- iv. One representatives of civil society organizations;
- v. One representative of Project, the Project Coordinator
- vi. Resettlement Specialist (RS) to attend as observers and to give support to APs.

40. One GRC sub-committee is formed in Baphikot VDC at VDC level which consists of three members from VICCC and two members from APs to hear the complaints and grievances at local level. APs can approach the sub-committee with his/her problem which is then discussed locally with an aim of finding an amicable solution. Social Mobilizers (SMs) will also act as intermediaries to assist vulnerable APs.

41. The key functions of the GRCs are to (i) provide support for APs to lodge their any complains; (i) record the complains, categories and prioritize them; (iii) settle the grievances in consultation with APs and DPO staff; (v) report to the aggrieved parties about the decision/solution; and (vi) forward the unresolved cases to higher authorities. The main steps to be followed for the grievance resolution under the project are as following:

**Steps 1:** APs shall first file their complaints at VDC level GR sub-committee. The complaints will be discussed among concerned parties to settle the issue locally (within 15 days). The social staff and NGOs working in the VDC will facilitate the consultation and deliberation in this regard.

**Steps 2:** If no amicable solution reached at VCD level (within 15 days), APs can appeal to District level GRC.

**Steps 3:** If APs are not contended with the decision of GRCs or in absence of any response from them, the AP may resort to the legal remedies available under the Land Acquisition Act (1977).

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<sup>2</sup> The complaints that are likely to arise include: (i) APs not enlisted; (ii) losses not identified correctly; (iii) problems related to land donation; (iv) inadequate compensation/assistance; (v) dispute about ownership; and (vi) problems/delays in disbursement of compensation/assistance.



## 7.1 Grievances Received and Mitigations

42. During RP preparation, the affected persons were informed about the grievance redress mechanism of the project and existence of grievance redress committees in VDC level and in the District level where they can file their complaints about the project and about compensations. APs were also informed about CDC compensatory rates. In the course of time, there were no written or verbal complains from the APs filed to GRC.

## **8. COMPENSATION AND INCOME RESTORATION**

43. APs will be compensated at replacement cost for any involuntary land acquisition. In line with the Land Acquisition Act 1977, the Compensation Determination Committees (CDC) is formed under the chairpersonship of CDO at the district level to decide compensation rates. It composes CDO, Land Revenue Office (LRO), a representative of DDC, and the project manager i.e project coordinator of the DPO. Two representatives of APs and VICCC will be also invited in the committee meeting as observers. The design survey team will assess the compensation rates for the lost assets and recommend it to the CDC for final valuation and compensation distribution. Vulnerable APs will be provided additional assistance to cope with the impacts as stated in the policy/entitlement matrix.

### **8.1 Valuation and Compensation Determination**

44. The survey and valuation of affected land and hhs were undertaken by survey team at DPO assisted by DIST. The team has assessed loss and fixed value for compensation. Cadastral mapping has verified the land plots under road alignment to make the deed transfer process reliable. Finally, the DPO submitted the proposed cost estimation to the CDC meeting.

45. In the case of this subproject, the land has voluntarily donated by APs, only the compensation for trees has been calculated based on the replacement cost principle and was forwarded in the CDC meeting according to the entitlement matrix. CDC meeting has decided to approve valuations that were proposed in the RP document. Compensation payments for trees will be disbursed by cheque/cash. CDC has also made decision on 17 absentee families. It has been agreed for poverty analysis of the absentee families to carry out socioeconomic survey and analysis when they come in contact for their loss compensation.

### **8.2 Income Restoration and Rehabilitation Program**

46. Affected hhs, particularly who are poor, vulnerable or are at risk of impoverishment will be assisted through income restoration programs. APs will be given priority for employment in sub-project construction. The contract documents will include provisions regarding preferential employment of APs. All interested members of the affected family will be given preference on employment in project construction. A special condition of contract will be added in contractor's contract to include the affected family member to join the labour group. The sub-project will provide at least 90 days of unskilled job to one adult from each affected families to enable them to earn sufficient to restore their income. It is expected that the unskilled APs selected for the construction work will be developed into skilled workers through such employment and that such knowledge will be useful for APs income generation even after the project completion. The project benefits for APs will be maximised through their inclusion in the Project's savings and credit program and life skill training program. This scheme will encourage labourers to save 20 percent of wages in a savings scheme while payments are made. The APs join savings groups and develop the ability to manage income, learn more life skills and, as a result, can further enhance their income earning capacity. APs will also be given priority to become maintenance workers after completion of the sub-project construction.

47. Additionally, Social Action Plan (SAP), Gender Action Plan (GAP) and Indigenous Peoples' Development Plan (IPDP) prepared for the sub-project will incorporate all families from the Zone of Influence (ZoI) and provides opportunities to the APs for income restoration and rehabilitation.

### 8.3 Livelihood Enhancement Skills and Training (LEST) Program

48. In addition to sub-project employment, one member of each affected hhs belonging to vulnerable group/below poverty line will be provided with further income restoration measures known as Livelihood Enhancement Skills Training (LEST) to restore APs livelihoods. Based on the existing skills and preferences by the APs, multiple options of income generating and life skill training will be explored and the RP will include a comprehensive package of income restoration program for them. The LEST will include income generating activities, which will be delivered through life skills, training and access to other development initiatives.

49 Analysis of the census socio-economic and loss assessment survey of the sub-project reveals that among the 88 hhs directly affected there are 9 women hhs, 24 Dalits and 9 Magar ethnic hhs and which will be particularly addressed in LEST. The training program has been designed for the one person from these household of 16-45 years age group. The cost of Nrs 439,000/- for the training program is included in the RP and will be financed under the Project's community empowerment program budget heading. Details of the training cost are given in the table 5.

**Table 5: Livelihood Enhancement Skills Training for Affected Persons**

S. N	Description	Targeted trainee			Duration	Rate (Nrs.)	Estimated Budget (Nrs.)
		Male	Female	Total			
<b>1</b>	<b>Skills training</b>						
1.1	House wiring	2	3	5	2 month	5,000	50,000
1.2	Veterinary	2	1	3	1 month	20,000	60,000
1.3	TV/radio/mobile repairing	3	3	6	1 month	15000	90,000
1.4	Candle making	2	6	8	1 month	6000	48,000
1.5	Masonry and house construction	3	1	4	2 months	4,000	32,000
1.6	Hair Cutting	0	4	4	1 month	6000	24,000
1.7	Gabion Wire Weavings	6	0	6	10 days	1500	90,000
1.8	Cook	1	5	6	15 days	500	45,000
	<b>Total</b>	<b>19</b>	<b>23</b>	<b>42</b>			<b>439,000</b>
Note: The proposed date and training may change as per need of the APs during implementation.							

50. DPO will deliver the skills training through training institutions/professional, which are available locally and in neighboring districts. The DIST social team will identify and employ professional experts/institutions to impart the training package where preference will be given to locally based resource persons or institutions having expertise in the subject area for the continuity of the program. District level sector wise line agencies of the government (such as Cottage and small Industry Office, District Agriculture Office, DFO etc.) will also be mobilized by DPO for additional resources, if required.

## 8.4 Voluntary Land Donation Process

51. The identified APs losing land in the road alignment were called for community meeting to disclose the draft RP and discuss on resettlement procedures. In the consultation they were informed about the land donation process as described in resettlement framework of the project. After the information, majority of the APs were ready to donate their land for the road sub-project. Further, the concerned households losing land and trees were informed individually and the Memorandum of Understanding (MoU)<sup>3</sup> was prepared. The hhs donating the land signed in a written agreement with DPO. All the 71 Household of 95 plots signed the MoU. The agreement is witnessed by a third party District NGO HURAC Nepal, VDC level Grievance Redress Sub-committee and VDC secretary (Please see Appendix 6). Furthermore, the APs who have voluntarily donated the land for the subproject will be rewarded by DPO with a token of appreciation.

52. The 17 absentee owners of 22 plots will be regularly followed-up by the DPO. They will be given further consultation on entitlement, compensation and land donation procedures whenever opportunities will be available. Depending on their choice, they will either be compensated or an MoU for land donation will be signed with them. In case of their refusal on land donation, the amount of compensation has been separated in the reserve fund for absentee owner.

## 9. INSTITUTIONAL ARRANGEMENT

### 9.1 Institutional Arrangement of the Project

53. Various agencies and different tiers of institutional arrangements have been considered for implementation of this sub project. The key agencies involved in the implementation of this sub project are as follows:

#### 9.1.1 Central Level Arrangement

54. PCU established at DoLIDAR has overall responsibility for the coordination and facilitation of the resettlement activities. The CISC will support PCU in effective planning and implementation of the resettlement, compensation and rehabilitation measures outlined in the RP. The resettlement specialist under PCU/CISC will look after the policy compliance and monitoring of the proper implementation of the RP and its recommendations.

#### 9.1.2 District Level Arrangement

55. At district level, DPO has been established under DDC/DTO to ensure that project RF is followed in preparation and implementation of sub-project RP with appropriate entitlements and mitigation measures. The DPO has the primary responsibility of planning, coordination and financing of the sub-project RPs in the district. The DPO coordinates with the Chief District Officer, Land Revenue and Survey Office, District Agriculture Development Office, District

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<sup>3</sup> Copies of land donation agreement and verification letters have been attached in Appendix 5 and 6.

Forest Office, District Soil Conservation Office and Drinking Water and Sanitation Office and other concerned line agencies as per need.

56. The DIST will assist the DPO in planning, preparing and implementing the resettlement activities and plan. The DIST will also liaise with DPO and the contractor to assist the affected persons, especially women and other vulnerable persons to obtain jobs in sub-project during the construction period. DPO will make provision in the civil works contracts for preferential employment of qualified affected persons. DIST will also help the affected person with information campaigns to promote clarity and transparency, and help in community level consultations about entitlements and of what to do with compensation payments and income generation opportunities. Further, DIST will also act as advocate of APs to access government programmes for income generation.

### **9.1.3 Sub-project Level Arrangement**

57. Project Coordinator (PC) of the district will lead the implementation of the plan in sub-project level. PC will integrate construction, land acquisition and compensation activities within the sub-project. The DPCC and VICCC will provide necessary support to the PC in the planning, implementation and monitoring of the resettlement activities. In addition, GRC and its subcommittees and RBGs will also have important facilitation role in the sub project level.

### **9.1.4 Compensation Determination Committee**

58. The Land Acquisition Act, 2034 (1977) provides for the establishment of Compensation Determination Committee to decide compensation rates at District level. To make the decision making process transparent and representative of the affected persons, two representatives from the APs and VICCC member will be invited as observers. CDC under the Land Acquisition Act 1977 plays a major role in deciding rates of compensation in the sub project. The committee also listens grievance of the APs if s/he is not satisfied from the response of district level GRC.

## 10. RESETTLEMENT BUDGET AND FINANCING

59. The financial resources necessary for land and other property acquisition and compensation are budgeted into the project costs and will be administered according to the Land Acquisition Act 1977. These cost include: (i) compensation for acquired assets; (ii) costs for rehabilitation of APs; and (iii) administrative costs for RP implementation. The DPO has included the required budget in its yearly budget under RP implementation heading. The detail estimation of the resettlement budget is described under following points.

### 10.1 Cost of Compensation for Assets

60. Compensation for assets in the sub-project includes land, fodder trees and timber trees. Compensation of such assets is based on replacement cost at current market price. Therefore, land rates are based on prevailing market rate. The rate of fodder and other trees are calculated as per the norms of DFO. All these valuations were finally endorsed by CDC for its application in the sub project.

61. There is also voluntary land donation provision by APs to the sub project acceptable if the AP is losing less than 20 percent of his/her total land holding, is above district poverty level and is unforced. In this sub project, all of the APs were willing to donate the land affected by the sub-project. They will be compensated only for trees including fodder.

#### 10.1.1 Land Cost

62. The requirement of private land for sub-project construction is 20,855 sqm (which is about 41 Ropani<sup>4</sup>) which costs Nrs. 2,464,335.00 as per the current market rate. Among this, donated land area is 13,715 sqm and is equivalent to Nrs. 1,610,885.00 and land of absentees' is 7140 sqm equivalent to 853,450.00 at current market rates. The cost for land of absentee's will be provisioned in reserved fund and included in the total resettlement cost. Despite the district government rate, the land rates for transaction in market are different, which is normally higher than the district rate. Prevailing market rate for transaction in Rukum is also higher than the district rate. Generally, government land rates are based on the quality of the land; Abbal, Doyam, Sim and Chahar type. Most of the affected land falls under unproductive Chahar category. The rate of affected land given by Land Revenue Office of Rukum and current market price for comparison, are presented in the table 6.

**Table 6: Details of the land price of the affected plots**

VDC	Comparison of government and current local market price of the land (per sqm)								Remarks
Baphikot	Government Rate\per sqm				Current local market price/per sqm				
	Abbal	Doyam	Sim	Chahar	Abbal	Doyam	Sim	Chahar	
	80.00	60.00	50.00	30.00	140.00	120.00	115.00	110.00	

Source: Land Revenue Office, Rukum and CDC meeting-23\11\2066, at Rukum, 2010.

<sup>4</sup> Ropani refers to land measurement unit common in Nepal equivalent of 508.74 sqm.

### 10.1.2 Trees Cost

63. The quantity of tree production and valuation is carried out on the basis of Ministry of Forest and Soil Conservation (MoFSC) norms 2060. The subproject does not compensate product of the tree. Only labor required for its harvesting and transportation cost is calculated based on species, height and girth of the affected trees within the formation width of the sub-project. The MoFSC Norms 2060 is enclosed in table 7.

**Table 7: Labor Requirement for Cutting Trees**

Girth of Tree	Labor Requirement (Man days)
Above 12 cm to 30 cm	0.13
Above 31 cm to 60 cm	0.39
Above 61 cm to 90 cm	0.52
Above 91 cm to 120 cm	1.56
Above 121 cm to 180 cm	2.50
Above 181 cm to 240 cm	4.00
Above 242 cm to 300 cm	12.99
Above 300 cm	41.67
For small seedling less than 12 cm girth is Rs. 10 per seedling	

<sup>5</sup>Source: Ministry of Forest and Soil Conservation, 2060

**Table 8: Labor Requirement for Transportation of Trees**

Distance between felling spot and stacking yard	Labor Requirement (mandays)
First 10 m	0.5
For each additional 10 m	0.08
For first 1000 m	8.42
For each additional 1000 m	8.00
For first 5000 m	40.42
Rukum district wage rate decided for FY 2066/67 is Rs 250 /- per day	

Source: Ministry of Forest and Soil Conservation, 2060

64. A total of 1832 trees were found affected which cost 247,578.00 as per the norms of MoFSC. Among the trees affected, 1432 trees belong to the two CFUGs namely Gamthala CFUG and Salghari CFUG and cost Nrs. 179639.00. There were and 400 private trees also affected and cost Nrs Nrs. 66147. The cost will be compensated as per the norms given above, which has been decided by the CDC meeting. Detail cost calculations of the trees are presented in the Appendix 3.

### 10.1.3 Cost of Rehabilitation Support

65. No structures were found affected nor the hhs will be displaced and hence there is no need of rehabilitation support like transportation and rental stipend for the APs. However, cost for additional assistance such as LEST has been planned and included in the budget.

<sup>5</sup> MFSC. 2060. *Norms, 2060*. Ministry of Forests and Soil Conservation, Kathmandu.



### 10.2.1 Travel Allowances

66. The time spent in the district headquarter or village for signing MoU and cost of travel and time spent on deed transefer process is an added loss to the land owners. Travel allowance will be paid for travelling and time spent in re-registering land will be paid on the basis of district wage rate. The estimated cost for Deed Transfer Assistance allowance is NRs. 50,000.

### 10.3 Total Cost Estimate for RP

67. The donated value of private land for road construction is about 1.6 million. The compensation for crops was not calculated as there was no corps seen during the survey. The acquired land area is barren land of rocky hill and mostly fodder trees are grown. Furthermore most of the plots falls under Chahar category which is not suitable for agricultural crops. The total cost of resettlement including compensation for the loss of trees, livelihood restoration programme and deed transfer is about 1.18 million. The detail cost is given in table 9.

**Table 9: Summary of Cost for RP**

Item	Unit	Total loss (Sqm)	Amount (NRs.)	Remarks
<b>1. DIRECT COST</b>				
1.1 Compensation for private land	Sqm	20855	-	Cost for total land is Nrs.2464335.00
1.1.1 Land donated		13715	-	Cost for donated land is Nrs. 1610885.00
1.1.2 Land cost for absentee (RF)	HHN	7140	853450.00	Cost separated for Reserve Fund for 17 absentees
1.2 Private Trees	No.	400	66146.00	
1.3 CFUGs Tree	No.	1432	179639.00	
<b>Sub Total</b>			<b>1099235.00</b>	
<b>2. INDIRECT COST</b>				
2.1 Deed Transfer Assistance	HHN	88	50000.00	
2.2 Official Deed Transfer fees	LS		40000.00	
<b>Sub Total</b>			<b>90000.00</b>	
3 Livelihood Enhancement Skills Training (LEST) for APs	LS		439000.00	
4 Appreciation Program for APs	LS		100000.00	For donated land owners
<b>SubTotal</b>			<b>539000.00</b>	
<b>Total</b>			<b>1728235.00</b>	
5 Provisional Sum (5%)			86411.75	
<b>Grand Total</b>			<b>1814646.75</b>	



**11. IMPLEMENTATION SCHEDULE**

68. An implementation Schedule for Chhinkhet- Sharpudaha 7+800 km Length road is included as Table 13.

**Table 10: RP Implementation Schedule**

S. No.	Tasks	January-10				February-10				March-10				April-10				May-10				June-10			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1	Submission of Draft RP to PCU												*												
2	Submission of Final RP to ADB for approval															*									
3	Finalize list of affected people consultation with APs.																*	*							
4	Consultation, and grievance resolution	Ongoing activity																							
5	Submit final report to CDO for compensation determination											*													
5	CDC meeting and Compensation Determination											*													
6	Inform APs for the compensation claim																		*						
7	Collect application from the APs for compensation																		*						
8	Verify the application and prepare final list of APs																		*						
9	Preparation of Memorandum of Understanding (MoU) for voluntary contribution																		*						
10	Pay compensation for eligible APs																		*						
11	Implementation of AP's Livelihood Restoration Programme													Continuous along with community development program											
12	Implement social impact monitoring system (internal and external monitoring programme).													Continuous along with physical construction works											
13	RP implementation verification survey																		*						
14	Resettlement verification report and concurrence from ADB for signing of contract																			*					
15	Contract agreement with BG and Contractors																			*	*	*	*	*	*
16	Transferring the land ownership																	*							
17	Monitoring and evaluation of RP implementation, progress and achievements													Continuous along with community development program											

## **12. MONITORING AND EVALUATION**

### **12.1 Monitoring at District Level**

69. The project has a mechanism to monitor and evaluate the resettlement and compensation process in order to ascertain that the affected persons are at least no worse off than they were without the project interventions.

70. The District Project Office (DPO) is responsible for the internal monitoring of the resettlement planning and implementation throughout the sub-project cycle. The DPO shall submit monthly progress reports to PCU on implementation of resettlement plan. The PCU will submit quarterly monitoring reports to ADB for its review. Such reports will be posted on websites of ADB and PCU.

71. The Project Coordinator (PC) or his/her representative will attend VICCC meetings, as and when required. Progress on resettlement implementation and any concerns will be discussed in such meetings. The VICCC and resettlement social staff will facilitate the monitoring of progress and resolution of any grievances locally.

72. The DPO will organize periodic progress review workshops involving APs representatives. Special attention will be paid on securing the participation of women in the review workshops. The workshops will provide households with opportunities to discuss both the positive and negative aspects of their resettlement, compensation and reestablishment. An inclusive problem-solving approach will be followed, using local experiences and realities as the basis for solutions. Resettlement Specialist / Social development Specialist will facilitate such workshops.

### **12.2 Verification by PCU**

73. The verification of satisfactory implementation of RP including completion of land compensation is a condition for contract award and commencement of civil works. A verification report in this regard will be prepared by PCU assisted by Resettlement Specialist and submitted to ADB along with proposal to award the contract(s). The verification report has to have investigated to the extent to which any land donations were freely made and with adequate safeguard, and whether assessed compensation/assistance has been paid to the APs. About 10 % APs may be surveyed as part of the verification.

### **12.3 External/Third Party Monitoring**

74. The implementation activities will be monitored and evaluated externally once in a year through an independently appointed agency, consultant or NGO not involved with any aspects of the project, which will provide report to both PCU/DPO and to ADB. The PCU will hire such external monitoring agency/consultant with the ADB concurrence. A sample survey of affected households needs to be undertaken to assess the degree to which the project's resettlement objectives have been met. The socio-economic survey undertaken for land acquisition will form a baseline data, from which many of the indicators can be measured. A sample survey at the end of the sub-project period will cover all the categories of APs and assess changes resulted from the project. The aim of the sample monitoring survey will be to measure the extent to which APs living standards have been restored/improved. The table 11 include monitoring indicators for external monitoring.

**Table 11: Monitoring and Evaluation Indicators**

Type	Indicator	Examples of Variables
Process Indicator	Staffing	Number of DoLIDAR staff on RRRSDP, by district project office and job function Number of DIST staff on RRRSDP, by district and job function Number of other line agency officials available for tasks Number of resettlement/Social mobilization personnels located in the field
	Consultation	Number of consultation and participation program held with various stakeholders VICCC, GRC formed by sub-project in district Number of VICCC meetings held Grievances by type and resolution Number of field visits by CISC/PCU staffs Number of field visits by resettlement/social mobilization staffs
	Procedures in Operation	Census and asset verification/quantification procedures in place Effectiveness of compensation delivery system Number of land transfers (owner to GoN) effected Coordination between PCU, DTO/DPO and other line agencies
Output Indicators; data disaggregated by sex of owner/head of household	Acquisition of Land	Area of cultivated land acquired by sub-project road Area of other private land acquired Area of communal/government land acquired Area of the land compensated Area of land voluntarily donated
	Structures	Number, type and size of private structures acquired Number, type and size of community structures acquired Number, type and size of government structures acquired
	Trees and Crops	Number and type of private crops and trees acquired Number and type of government/community crops and trees acquired Crops destroyed by area, type and number of owners
	Compensation and Rehabilitation	Number of households affected (land, buildings, trees, crops) Number of owners compensated by type of loss Amount compensated by type and owner Number and amount of allowances paid Number of replacement houses constructed by concerned owners Number of owners requesting assistance with purchasing of replacement land Number of replacement land purchases affected Livelihood restoration cost
	Reestablishment of Community Resources	Number of community structures repaired or replaced Number of trees planted by government agency
Impact Indicator – data disaggregated by sex of owner/head of household	Household Earning Capacity	Employment status of economically active members Landholding size, area cultivated and production volume, by crop Selling of cultivation land Changes to livestock ownership – pre- and post disturbance Changes to income-earning activities (agriculture) – pre- and post disturbance Changes to income-earning activities (off-farm) – pre- and post disturbance Amount and balance of income and expenditure
	Changes to Status of Women	Participation in training programmes Use of credit facilities Participation in road construction Participation in commercial enterprises

Type	Indicator	Examples of Variables
	Changes to Status of Children	School attendance rates (male/female) Participation in road construction
	Settlement and Population	Growth in number and size of settlements Growth in market areas Influx of squatters/encroachers Increase in trips made to DPO/DDC Increase in use of modern facilities

### 13. CONCLUSIONS

75. Chinkhet-Sharpudaha Road Sub-project requires 2.09 sqm private land affecting 117 private plots of 88 hhs. It also affects 1832 private and CFUG trees but not any structures. Since the study does not revealed significant impact on APs, Chinkhet-Sharpudaha Road Subproject is not expected to have significant adverse involuntary resettlement impacts and hence falls under Category B of ADB operational Procedures. In this context this short resettlement plan has been prepared. The total cost of resettlement including compensation for the loss of trees and, livelihood restoration programme is Nrs.1,814,646.75.

# Appendices

## Appendix 1: List of Affected Household by Type of Loss

S.N.	Chainage		House Hold No	Name of Land Owner/Household head	Name of Father/Husband	Address			Impact	Remarks
	From	To				VDC	Ward	Settlement		
1	7+363	7+416	1	Hemant Dahal	Rabu Dahal	Baphikot	3	Daha	Land, tree	
2	3+017	3+090	2	Maiku Malla	Kalu Malla	Baphikot	2	Taligau	Land	
3	3+428	3+513	3	Dhansari Kami	Motiram Kami	Baphikot	1	Kote	Land, tree	
4	3+327	3+375	4	khadak k. Upadhayay	krishanalal upadhayay	Baphikot	1	Kote	Land	
5	1+037	1+090	5	Chotelal K.C.	Sukiram k.c	Baphikot	2	Taligau	Land	
6	4+375	4+425	6	Karn pariyar	khinto pariyar	Baphikot	2	Taligau	Land, tree	
7	3+887	3+998	7	Durge kami	Bale kami	Baphikot	1	Kote	Land	
8	5+513	5+659	8	Tasbir Kami	N.A	Baphikot	1	Kote	Land	
9	2+087	2+167	9	Chandra b. kc	Parbir khatri	Baphikot	1	Kote	Land	
10	3+905	3+947	11	karnasingh bk	N.A	Baphikot	1	Kote	Land	
11	5+182	5+275	12	Dhani kami	Surya kami	Baphikot	1	Kote	Land	
12	4+871	4+987	13	Binaram bk	pathane	Baphikot	1	Kote	Land	
13	4+224	4+264	14	pasupasi nepali	Sukraj	Baphikot	1	Kote	Land	
14	4+530	4+584	15	khusal ram khatri	jeuru	Baphikot	1	Kote	Land, tree	
15	4+054	4+135	16	Rudra b. malla	krishna b.Malla	Baphikot	1	Kote	Land	
16	4+047	4+094	17	Indira singh	Jokh b. singh	Baphikot	1	Kote	Land, tree	
17	4+264	4+302	18	karna b. nepali	kali b. nepali	Baphikot	1	Kote	Land	
18	2+125	3+025	19	pratap kami	Dhun ram kami	Baphikot	1	Kote	Land, tree	
19	5+100	5+205	20	Ratana b. damai	Nasing	Baphikot	1	Kote	Land, tree	
20	4+932	5+100	22	Oelo Kami	Parimle	Baphikot	1	Kote	Land	
21	4+007	4+047	23	Chaiti kami	kalo	Baphikot	1	Kote	Land	
22	7+300	7+363	25	Bishnu kumari Chanda	Khadka Chanda	Baphikot	1	Kote	Land, tree	
23	4+435	4+503	26	Vim b. kami	Sarbe kami	Baphikot	1	Kote	Land	
24	4+264	4+302	27	Karna sings bk	Harka singh	Baphikot	1	Kote	Land	
25	4+094	4+154	30	Chandra Kali Kami	Narshing Kami	Baphikot	1	Kote	Land, tree	
26	3+052	3+105	31	Hurmati kami	Ariman	Baphikot	1	Kote	Land, tree	
27	3+090	3+163	32	damber chanda	N.A	Baphikot	2	Taligau	Land, tree	
28	1+718	1+860	33	Nar b. Chanda	Purna bahadur chanda	Baphikot	2	Taligau	Land, tree	
29	0+161	0+204	35	Dev b. Khadka	Tikaram Khadka	Baphikot	2	Taligau	Land, tree	
30	1+540	1+660	36	Tulasa Chanda	Lal Bahadur Chanda	Baphikot	2	Taligau	Land, tree	
31	3+163	3+223	37	Damber Malla	Manrupa malla	Baphikot	2	Taligau	Land, tree	
32	1+090	1+260	39	Sarpu chanda	DanduChanda	Baphikot	2	Taligau	Land, tree	
33	3+223	3+371	40	Dil bahadur Malla	Dhan b. malla	Baphikot	2	Taligau	Land, tree	
34	2+676	2+766	41	Deumi gharti	Harka bahadur	Baphikot	2	Taligau	Land	
35	2+676	2+766	42	Dhan B.Malla	Chakra bahadur Malla	Baphikot	2	Taligau	Land	
36	1+041	1+111	43	Hira singh budathoki	Hari bahadur budathoki	Baphikot	2	Taligau	Land, tree	
37	2+158	2+259	44	Khumbu malla	Sarpu	Baphikot	2	Taligau	Land, tree	
38	2+766	2+921	46	Tika Ram K.C	Parvu khatri	Baphikot	2	Taligau	Land	
39	0+070	0+088	47	Balkumari malla	Tilu malla	Baphikot	2	Taligau	Land, tree	
40	0+002	0+040	48	Indra bahadur khadka	Top Bahadur Khadka	Baphikot	2	Taligau	Land, tree	
41	2+185	2+259	49	khambe khadka/ kham	Harka Bahadur Khadka	Baphikot	2	Taligau	Land, tree	
42	4+425	4+473	51	Bhadre damai	Kamaro Damai	Baphikot	2	Taligau	Land, tree	
43	4+135	4+198	52	Bijaya Bahadur Malla	Durga Bahadur malla	Baphikot	3	Daha	Land	
44	7+900	7+943	53	Vote Malla	Pratap Malla	Baphikot	3	Daha	Land, tree	

# Chhinkhet – Shyarpudaha Road Sub Project

# Rukum District

45	7+702	7+747	54	Tilak prasad Malla	Hari Bahadur Malla	Baphikot	3	Daha	Land, tree	
46	7+647	7+702	55	Tek Bahadur Malla	Kali Bahadur Malla	Baphikot	3	Daha	Land	
47	7+863	7+893	56	Khum Kumari malla	Chakra b.Malla	Baphikot	3	Daha	Land, tree	
48	7+943	7+983	57	Man Bahadur Malla	Harku Malla	Baphikot	3	Daha	Land, tree	
49	8+011	8+044	58	Kalu Malla	Mardan Malla	Baphikot	3	Daha	Land, tree	
50	6+702	6+784	60	Vim bahadur Malla	Kasiram	Baphikot	3	Daha	Land, tree	
51	6+502	6+584	61	Sher Bahadur malla	Man Bahadur Malla	Baphikot	3	Daha	Land, tree	
52	6+501	6+552	62	lal k. malla	khambu malla	Baphikot	3	Daha	Land, tree	
53	7+468	7+518	63	jokha b. Chand	khada b. chand	Baphikot	3	Daha	Land, tree	
54	6+521	6+584	64	Panna Kimari Malla	Mardan Malla	Baphikot	3	Daha	Land	
55	6+924	6+968	65	Tek kumari mallaa	Suk kumari	Baphikot	3	Daha	Land, tree	
56	7+058	7+121	66	Man b.B.k	Harku malla	Baphikot	3	Daha	Land	
57	4+154	4+224	67	Sitala malla	Buddhi Malla	Baphikot	1	Kote	Land	
58	0+000	0+030	68	Chandra B Khadka	Harke Khadka	Baphikot	2	Chinkhet	Land, tree	
59	4+363	4+956	69	Sher bir Dahal	Bhima Dahal	Baphikot	1	Taligau	Land	
60	6+590	7+210	70	Dirja b. Malla	Khadka Chanda	Baphikot	3	Daha	Land	
61	6+412	6+540	71	Tarak b.malla	Mardan Malla	Baphikot	3	Daha	Land	
62	6+540	6+860	72	Bin bahadur malla	Dhanu Malla	Baphikot	3	Daha	Land, tree	
63	3+154	3+345	73	Top kumari bk	Vum b.bk	Baphikot	2	Chinkhet	Land, tree	
64	3+390	3+400	74	Tilak b. khadka	Sher b.	Baphikot	2	Chinkhet	Land	
65	3+400	3+150	75	Sarune Damai	Bhade Damai	Baphikot	2	Chinkhet	Land	
66	4+562	4+635	76	Kali Damai	Kale	Baphikot	1	Kote	Land	
67	4+635	4+710	77	Buddhiman Roka	Hikabir Roka	Baphikot	1	Kote	Land	
68	4+710	4+810	78	Karna bir pun	Bal b. pun	Baphikot	1	Kote	Land	
69	4+830	4+900	79	Piyaro kami	pune kami	Baphikot	1	Kote	Land	
70	4+900	5+150	80	khadke kami	Jannga b.	Baphikot	1	Kote	Land	
71	5+150	5+200	81	Sarki Nepali	Thumara	Baphikot	1	Kote	Land	
72	1+037	1+340	82	Netra b.Budhathoki	Hari b.budhathoki	Baphikot	2	Chinkhet	Land, tree	Absentee
73	4+120	4+240	83	Upendra Malla	seru malla	Baphikot	2	Chinkhet	Land, tree	Absentee
74	5+320	5+400	84	prem B.Gharti	Lal Singh Gharti	Baphikot	2	Chinkhet	Land	Absentee
75	4+240	4+320	85	Lila malla	Gokh B.malla	Baphikot	2	Chinkhet	Land	Absentee
76	5+140	5+190	86	Tirtha man Damai	Thamura Damai	Baphikot	1	Kote	Land	Absentee
77	4+733	4+898	87	Bir B.B.K	Pathane Kami	Baphikot	1	Kote	Land	Absentee
78	5+600	5+650	88	Primari School		Baphikot	1	Kote	Land	Absentee
79	3+777	3+862	89	Bibek kumar Shah	Dhurba Bikram	Baphikot	1	Kote	Land	Absentee
80	3+724	3+777	90	Dhurba Bikram Shah	Thagendra	Baphikot	1	Kote	Land	Absentee
81	5+658	5+720	91	Rajendra k.shah	Dhubra Bikram	Baphikot	1	Kote	Land	Absentee
82	4+500	4+560	92	Bipan kami	Bal Jit	Baphikot	1	Kote	Land	Absentee
83	4+560	4+600	93	Dambere kami	Heme	Baphikot	1	Kote	Land	Absentee
84	3+586	3+747	94	Haste Kami	RanBir	Baphikot	1	Kote	Land	Absentee
85	4+700	4+740	95	Mitra lal kami	Pase	Baphikot	1	Kote	Land	Absentee
86	7+612	7+647	96	Damber k. Malla	Khumbu	Baphikot	3	Daha	Land	Absentee
87	4+513	4+580	97	Khadku chanda	Muga	Baphikot	3	Daha	Land	Absentee
88	4+130	4+155	98	Tulasi p. sharma	N.A	Baphikot	1	Kote	Land	Absentee





## Chhinkhet – Shyarpudaha Road Sub Project

## Rukum District

Appendix 2: List of Affected Household by Land Loss ( With Estimated Cost at Current Market Price)

S.N.	Chainage		House Hold No	Name of Land owner	Name of father/husband	Name of Grand father	VDC	Ward	Settlement	Sheet no of Map	Kitta no	Total area (sqm)	Area of affected plot (sqm)	Additional land required (sqm)	%of land loss	Direction	Rate per Unite(Sqm) as per Land Revenue Office	Total Value	Current rate	Total valu	Remarks
	From	To																			
1	7+363	7+416	1	Hemant Dahal	Rabu Dahal	Hari Ram	Baphikot	3	Daha	85/801	26	640	300	100	15.63	Right	60	6000	120	12000	
2	3+017	3+090	2	Maiku Malla	Kalu Malla	Kargu	Baphikot	2	Taligau	85/801	636	1620	435	35	2.16	Left	60	2100	120	4200	
3	3+428	3+513	3	Dhansari Kami	Motiram Kami	Bale	Baphikot	1	kote	95/801	1079	1640	977	155	9.45	Left	60	9300	115	17825	
4	3+327	3+375	4	Khadak K. Upadhayay	Krishanalal Upadhayay	Deudatta	Baphikot	1	kote	95/801	162	4120	1000	125	3.03	Left	50	6250	115	14375	
5	1+037	1+090	5	Chotelal K.C.	Sukiram k.c	Pasu	Baphikot	2	Taligau	85/801	1154	4300	275	50	1.16	Left	60	3000	120	6000	
6	4+375	4+425	6	kam pariyar	khoto pariyar	MotiRam	Baphikot	2	Taligau	38	296	1850	1475	270	14.59	Left	50	13500	120	32400	
7	3+887	3+998	7	Durge kami	Bale kami	Dhene	Baphikot	1	kote	85/801	172	4902	2220	350	7.14	Left	50	17500	120	42000	
8	5+513	5+659	8	Tasbir Kami	N.A	Chatare	Baphikot	1	kote	85/801	379	6255	4710	100	1.60	Left	50	5000	120	12000	
9	2+087	2+167	9	Chandra B. KC	Parbir khatri	Sadu	Baphikot	1	kote	85/801	436	9765	705	80	0.82	Left	60	4800	115	9200	
10	3+905	3+947	11	kamasingh BK	N.A	MotiRam	Baphikot	1	kote	95/801	204	5760	286	50	0.87	Left	50	2500	120	6000	
11	5+182	5+275	12	Dhani kami	Surya kami	Kale Kami	Baphikot	1	kote	85/801	425	1345	1345	120	8.92	Left	60	7200	115	13800	
12	4+871	4+987	13	Binaram bk	Pathane	Haste	Baphikot	1	kote	038/0801	279	1585	1585	195	12.30	Right	50	9750	115	22425	
13	4+224	4+264	14	pasupasi nepali	Sukraj	Bude	Baphikot	1	kote	038/801	258	485	355	5	1.03	Right	60	300	115	575	
14	4+530	4+584	15	khushal ram khatri	Jeuru	Nadu	Baphikot	1	kote	038/801	250	895	895	85	9.50	Right	50	4250	120	10200	
15	4+054	4+135	16	Rudra b. malla	krishna b.Malla	Biru	Baphikot	1	kote	85/801	178	2960	2960	190	6.42	Right	60	11400	120	22800	
16	4+047	4+094	17	Indira singh	Jokh b. singh	Lal B.	Baphikot	1	kote	85/801	454	1602	960	205	12.80	Right	60	12300	115	23575	
17	4+264	4+302	18	kama b. nepali	kali b. nepali	Birmas	Baphikot	1	kote	85/801	291	115	115	5	4.35	Right	50	250	115	575	
18	2+125	3+025	19	pratap kami	Dhun ram kami	Tularam	Baphikot	1	kote	085/801	512	5776	960	400	6.93	Right	50	20000	120	48000	
19	5+100	5+205	20	Ratana b. damai	Nasing	Dhanbir	Baphikot	1	kote	85/801	374	2725	2725	60	2.20	Right	50	3000	120	7200	
20	4+932	5+100	22	Oelo Kami	Parimle	Goble	Baphikot	1	kote	95/801	378	2685	2685	490	18.25	Left	60	29400	120	58800	
21	4+007	4+047	23	Chaiti kami	kalo	Hase	Baphikot	1	kote	95/801	251	235	235	40	17.02	Left	50	2000	115	4600	
22	7+300	7+363	25	Bishnu kumari Chanda	Khadka Chanda	Gopi	Baphikot	1	kote	085/801	512	5776	960	400	6.93	Right	50	20000	120	48000	
23	4+435	4+503	26	Vim b. kami	Sarbe kami	Dhene	Baphikot	1	kote	95/801	206	4815	425	230	4.78	Right	60	13800	120	27600	
24	4+264	4+302	27	Kama sings bk	Harka singh	Dheni	Baphikot	1	kote	95/801	480	2905	2905	205	7.06	Left	50	10250	120	24600	
25	4+094	4+154	30	Chandra Kali Kami	Narshing Kami	Harka	Baphikot	1	kote	95/801	276	1670	305	180	10.78	Left	60	10800	120	21600	
26	3+052	3+105	31	Hurmati kami	Ariman	Haste	Baphikot	1	kote	95/801	504	7540	3350	270	3.58	Right	50	13500	120	32400	
27	3+090	3+163	32	damber chanda	N.A	Jitar	Baphikot	2	Taligau	95/801	313	925	985	125	13.51	Right	50	6250	120	15000	
28	1+718	1+860	33	Nar b. Chanda	Purna bahadur chanda	Kalan	Baphikot	2	Taligau	95/801	334	6320	6320	260	4.11	Left	60	15600	120	31200	
29	0+161	0+204	34	Dev b. Khadka	Tikaram Khadka	Vemsen	Baphikot	2	Taligau	95/801	640	2030	355	125	6.16	Right	50	6250	110	13750	

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30	1+540	1+660	36	Tulasa Chanda	Lal Bahadur Chanda	Sarpu	Baphikot	2	Taligau	95/801	360	2605	650	115	4.41	Left	50	5750	120	13800	
31	3+163	3+223	37	Damber Malla	Manrupa malla	Dhanam	Baphikot	2	Taligau	95/801	335	3525	450	10	0.28	Right	60	600	120	1200	
32	1+090	1+260	39	Sarpu chanda	DanduChanda	Veudal	Baphikot	2	Taligau	95/801	331	4625	880	125	2.70	Left	60	7500	120	15000	
33	3+223	3+371	40	Dil bahadur Malla	Dhan b. malla	Tiku	Baphikot	2	Taligau	95/801	292	6110	575	430	7.04	Right	60	25800	110	47300	
34	2+676	2+766	41	Deumi gharti	Harka bahadur	Sange	Baphikot	2	Taligau	95/801	352	985	985	125	12.69	Left	50	6250	120	15000	
35	2+676	2+766	42	Dhan B.Malla	Chakra B. Malla	Kalu	Baphikot	2	Taligau	95/801	352	1510 0	665	190	1.26	Right	30	5700	110	20900	
36	1+041	1+111	43	Hira Sing Budathoki	Hari B Bbudathoki	Rati b.	Baphikot	2	Taligau	95/801	368	4365	4365	410	9.39	Right	50	20500	120	49200	
37	2+158	2+259	44	Khumbu Malla	Sarpu	Kailu	Baphikot	2	Taligau	95/801	354	7054	1655	1240	17.58	Left	50	62000	120	148800	
38	2+766	2+921	46	Tika Ram K.C	Parvu khatri	Lalun	Baphikot	2	Taligau	95/801	1206	9740	1280	5	0.05	Left	30	150	120	600	
39	0+070	0+088	47	Balkumari Malla	Tilu malla	Rudra	Baphikot	2	Taligau	085/801	641	2355	385	195	8.28	Left	30	5850	120	23400	
40	0+002	0+040	48	Indra B. Kkhadka	Top B. Khadka	Ram B.	Baphikot	2	Taligau	85/801	644	9280	615	35	0.38	Right	50	1750	115	4025	
41	2+185	2+259	49	Khambe K. Khame	Harka B Khadka	Narivan	Baphikot	2	Taligau	85/801	367	3285	2565	20	0.61	Right	50	1000	115	2300	
42	4+425	4+473	51	Bhadre damai	Kamaro Damai	Tule	Baphikot	2	Taligau	38/801	299	8890	355	85	0.96	Right	50	4250	115	9775	
43	4+135	4+198	52	Bijaya Bahadur Malla	Durga Ba malla	Vim B.	Baphikot	3	Daha	38/801	54	2635	325	120	4.55	Right	60	7200	115	13800	
44	7+900	7+943	53	Vote Malla	Pratap Malla	Vim B.	Baphikot	3	Daha	38/801	82	4550	515	150	3.30	Left	50	7500	120	18000	
45	7+702	7+747	54	Tilak prasad Malla	Hari Bahadur Malla	Danu	Baphikot	3	Daha	38/801	82	6400	2640	720	11.25	Right	50	36000	120	86400	
46	7+647	7+702	55	Tek Bahadur Malla	Kali Bahadur Malla	Suvas	Baphikot	3	Daha	38/801	45	2000	440	350	17.50	Left	60	21000	120	42000	
47	7+863	7+893	56	Khum Kumari Malla	Chakra b.Malla	Ran b.	Baphikot	3	Daha	38/801	56	2360	540	360	15.25	Left	50	18000	110	39600	
48	7+943	7+983	57	Man Bahadur Malla	Harku Malla	Hastu	Baphikot	3	Daha	38/801	83	3495	515	150	4.29	Left	60	9000	115	17250	
49	8+011	8+044	58	Kalu Malla	Mardan Malla	Gagan	Baphikot	3	Daha	38/801	86	3450	2330	620	17.97	Left	30	18600	120	74400	
50	6+702	6+784	60	Vim bahadur Malla	Kasiram	Pratap	Baphikot	3	Daha	38/801	24	7675	715	320	4.17	Right	50	16000	120	38400	
51	6+502	6+584	61	Sher Bahadur malla	Man Bahadur Malla	Surya	Baphikot	3	Daha	38/801	426	2430	200	105	4.32	Right	60	6300	120	12600	
52	6+501	6+552	62	lal k. malla	khambu malla	Dulu	Baphikot	3	Daha	38/801	23	3715	605	410	11.04	Left	50	20500	120	49200	
53	7+468	7+518	63	jokha b. Chand	khada b. chand	Khadku	Baphikot	3	Daha	38/801	134	4625	1820	240	5.19	Right	60	14400	120	28800	
54	6+521	6+584	64	Panna Kimari Malla	Mardan Malla	Gagan	Baphikot	3	Daha	38/801	14	485	615	35	7.22	Left	50	1750	115	4025	
55	6+924	6+968	65	Tek kumari mallaa	Suk kumari	Suvas	Baphikot	3	Daha	085/762	80	4505	4505	240	5.33	Right	50	12000	115	27600	
56	7+058	7+121	66	Man b.B.k	Harku malla	Dadabir	Baphikot	3	Daha	85/801	426	1800	380	15	0.83	Left	60	900	115	1725	
57	4+154	4+224	67	Sitala malla	Buddhi Malla	Dhani Ram	Baphikot	1	kote	85/801	284	1095	755	35	3.20	Right	50	1750	115	4025	
58	0+000	0+030	68	Chandra B Khadka	Harke Khadka	Harivan	Baphikot	2	chinkhet	085/801	1181	9965	660/45 0	300	3.01	Left	50	15000	115	34500	
59	4+363	4+956	69	Sher bir Dahal	Bhima Dahal	Vima	Baphikot	1	taligau	085/801	205	735	350	25	3.40	Right	60	1500	120	3000	
60	6+590	7+210	70	Dirja b. Malla	Khadka Chanda	Gagan	Baphikot	3	Daha	085/762	412	1850	735	115	6.22	Left	60	6900	120	13800	
61	6+412	6+540	71	Tarak b.malla	Mardan Malla	Gagan	Baphikot	3	Daha	085/762	411	1765	1120	130	7.37	Right	60	7800	120	15600	
62	6+540	6+860	72	Bin bahadur malla	Dhanu Malla	Datu	Baphikot	3	Daha	085/762	54	1850	765	240	12.97	Left	60	14400	120	28800	
63	3+154	3+345	73	Top kumari bk	Vum b.bk	N.A	Baphikot	2	Chinkhet	95/801	215	3021	860	515	17.05	Left	60	30900	120	61800	
64	3+390	3+400	74	Tilak b. khadka	Sher b.	MotiRam	Baphikot	2	Chinkhet	95/802	643	1250	425	5	0.40	Right	60	300	120	600	
65	3+400	3+150	75	Sarune Damai	Bhade Damai	Kamaro	Baphikot	2	Chinkhet	95/803	638	2022	1565	230	11.37	Left	60	13800	120	27600	
66	4+562	4+635	76	Kali Damai	Kale	N.A.	Baphikot	1	kote	85/801	476	650	325	25	3.85	Right	60	1500	120	3000	

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67	4+635	4+710	77	Buddhiman Roka	Hikabir Roka	Chame	Baphikot	1	kote	85/802	434	1021	175	25	2.45	Left	60	1500	120	3000	
68	4+710	4+810	78	Karna bir pun	Bal b. pun	N.A	Baphikot	1	kote	85/803	480	4201	2905	205	4.88	Right	60	12300	120	24600	
69	4+830	4+900	79	Piyaro kami	pune kami	Hime	Baphikot	1	kote	85/804	498	3654	2785	130	3.56	Left	60	7800	120	1560	
70	4+900	5+150	80	khadke kami	Jannga b.	Bhakte	Baphikot	1	kote	85/805	281	1845	675	5	0.27	Right	60	300	120	600	
71	5+150	5+200	81	Sarki Nepali	Thumara	Birichya	Baphikot	1	kote	85/806	292	650	60	5	0.769	Left	60	300	120	600	
72	1+037	1+340	82	Netra b.Budhathoki	Hari b.budhathoki	Ran b.	Baphikot	2	chinkhet	85/803	359/389	5940	5940	1900	31.99	Both	60	114000	120	228000	absentee
73	4+120	4+240	83	Upendra Malla	seru malla	Laxman	Baphikot	2	chinkhet	85/804	349	5045	5045	1250	24.78	Right	60	75000	120	150000	absentee
74	5+320	5+400	84	prem B.Gharti	Lal Singh Gharti	Sige gharti	Baphikot	2	chinkhet	85/805	316	1105	1105	105	9.502	Left	50	5250	115	12075	absentee
75	4+240	4+320	85	Lila malla	Gokh B.malla	Ser B.	Baphikot	2	chinkhet	85/806	314	1875	1875	480	25.6	Right	50	24000	115	55200	absentee
76	5+140	5+190	86	Tirtha man Damai	Thamura Damai	Bude	Baphikot	1	kote	85/805	373	2285	2285	85	3.72	Right	60	5100	120	10200	absentee
77	4+733	4+898	87	Bir B.B.K	Pathane Kami	Haste	Baphikot	1	kote	85/806	280/479	3250	3250	255	7.846	Left	60	15300	120	30600	absentee
78	5+600	5+650	88	Primari School			Baphikot	1	kote	85/807	493	150	150	30	20	Right	60	1800	120	3600	absentee
79	3+777	3+862	89	Bibek kumar Shah	Dhurba Bikram	Thegendra	Baphikot	1	kote	85/808	181	960	960	440	45.83	Left	60	26400	120	52800	absentee
80	3+724	3+777	90	Dhurba Bikram Shah	Thagendra	Narendra	Baphikot	1	kote	85/809	180	865	865	260	30.06	Right	60	15600	120	31200	absentee
81	5+658	5+720	91	Rajendra k.shah	Dhubra Bikram	Thagendra	Baphikot	1	kote	85/809	182	2590	2590	140	5.405	Left	60	8400	120	16800	absentee
82	4+500	4+560	92	Bipan kami	Bal Jit	Haste	Baphikot	1	kote	85/809	171	515	515	40	7.767	Right	60	2400	120	4800	absentee
83	4+560	4+600	93	Dambere kami	Heme	Dhani Ram	Baphikot	1	kote	85/809	164	1375	1375	375	27.27	Left	60	22500	120	45000	absentee
84	3+586	3+747	94	Haste Kami	RanBir	Dal bir	Baphikot	1	kote	85/809	121	8130	8130	1580	19.43	Right	60	94800	120	189600	absentee
85	4+700	4+740	95	Mitra lal kami	Pase	Abire	Baphikot	1	kote	85/809	118	395	395	11	29.11	Left	60	6900	120	13800	absentee
86	7+612	7+647	96	Damber k. Malla	Khumbu	Dalu	Baphikot	3	Daha	38/801	46	405	405	10	2.469	Left	50	500	115	1150	absentee
87	4+513	4+580	97	Khadku chanda	Muga	sovan	Baphikot	3	Daha	38/801	126	605	605	50	8.264	Right	50	2500	115	5750	absentee
88	4+130	4+155	98	Tulasi p. sharma	N.A	N.A	Baphikot	1	kote	85/809	205	735	735	25	3.401	Right	50	1250	115	2875	absentee

Appendix 3: List of Affected Household by Loss of Trees (With Estimated Cost )

1. HHNo	2. Chainage		3. Name of Owner	4. Address	5. Plot No	Details of lost trees					Harvesting cost of trees			Transportation cost of trees						19. Total Cost
	From	To				5. Species	6. No.	7. Girth (cm)	8. Hight (m)	9. Volume (Cum)	10. Person Days (PDs)	11. Harvesting Cost	12. Total Harvesting Cost	13. Distance from tree to home	14. Cost of PDs/Cum	15. Cost of PDs/tree	16. District Rate	17. Volume Cost	18. Transportation Cost	
1	7+363	7+416	Hemant dahal	Bafikote	26	Vimal	4	0.4	5	0.03	0.39	97.5	390	50	0.82	0.02	250	5.13	20.50	410.50
3	3+428	3+513	Dhansari kami	Bafikote	1079	Vimal	3	0.2	4	0.01	0.13	32.5	97.5	300	2.82	0.01	250	3.53	10.58	108.08
				Bafikote	296	vimal	5	0.5	4	0.03	0.39	97.5	487.5	500	4.42	0.14	250	34.53	172.66	660.16
6	4+375	4+425	Kam pariyar	Bafikote		saaj	11	0.5	15	0.12	0.39	97.5	1072.5	500	4.42	0.52	250	129.49	1424.41	2496.91
15	4+530	4+584	khusal ram khatri	Bafikote	250	kotmero	3	0.25	4	0.01	0.13	32.5	97.5	500	4.42	0.03	250	8.63	25.90	123.40
17	4+047	4+094	Indira singh	Bafikote	454	vimal	2	0.2	3	0.00	0.13	32.5	65	500	4.42	0.02	250	4.14	8.29	73.29
19	2+125	3+025	pratap kami	Bafikote	512	jamun	7	0.2	4	0.01	0.13	32.5	227.5	500	4.42	0.02	250	5.53	38.68	266.18
20	5+100	5+205	Ratana b. damai	Bafikote	374	sal	15	0.15	4	0.00	0.13	32.5	487.5	500	4.42	0.01	250	3.11	46.62	534.12
			Ratana b. damai	Bafikote		tuni	6	0.25	3	0.01	0.13	32.5	195	500	4.42	0.03	250	6.47	38.85	233.85
25	7+300	7+363	Bishnu kumari Chanda	Bafikote		sallo	1	0.25	8	0.02	0.13	32.5	32.5	300	2.82	0.04	250	11.02	11.02	43.52
						Vimal	4	0.1	5	0.00	0.13	32.5	130	300	2.82	0.00	250	1.10	4.41	134.41
30	4+094	4+154	Chandra Kali Kami	Bafikote	276	Siudaro	5	0.2	4	0.01	0.13	32.5	162.5	200	2.02	0.01	250	2.53	12.63	175.13
31	3+052	3+105	Hurmati Nepali	Bafikote	504	Vimal	15	0.2	4	0.01	0.13	32.5	487.5	200	2.02	0.01	250	2.53	37.88	525.38
32	3+090	3+163	Damber chanda	Bafikote	313	kotmero	4	0.2	4	0.01	0.13	32.5	130	300	2.82	0.01	250	3.53	14.10	144.10
33	1+718	1+860	Nar b. Chanda	Bafikote	334	kotmero	5	0.2	4	0.01	0.13	32.5	162.5	200	2.02	0.01	250	2.53	12.63	175.13
						bamboo	25			0.00		0	0	200	2.02	0.00	125	0.00	0.00	3150.00
						khaniyo	1	0.2	5	0.01	0.13	32.5	32.5	200	2.02	0.01	250	3.16	3.16	35.66
35	1+475	1+568	Dev b. khadka	Bafikote	331	Vimal	5	0.25	4	0.01	0.13	32.5	162.5	200	2.02	0.02	250	3.95	19.73	182.23
36	1+540	1+660	Tulasa Chanda	Bafikote	360	Chiuri	1	0.5	10	0.08	0.39	97.5	97.5	400	3.62	0.28	250	70.70	70.70	168.20
						Vimal	2	0.2	3	0.00	0.13	32.5	65	400	3.62	0.01	250	3.39	6.79	71.79
						Jamuno	3	0.3	10	0.03	0.13	32.5	97.5	400	3.62	0.10	250	25.45	76.36	173.86
37	3+163	3+223	Damber Malla	Bafikote	335	kotmero	4	0.25	5	0.01	0.13	32.5	130	500	4.42	0.04	250	10.79	43.16	173.16
						sal	10	0.2	6	0.01	0.13	32.5	325	400	3.62	0.03	250	6.79	67.88	392.88
						Patkhari	2	0.25	4	0.01	0.13	32.5	65	400	3.62	0.03	250	7.07	14.14	79.14

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39	1+090	1+260	Netra b. budhathoki	Bafikote	358	koiralo	2	0.5	6	0.05	0.39	97.5	195	100	1.22	0.06	250	14.30	28.59	223.59
						Vimal	5	0.6	9	0.10	0.39	97.5	487.5	100	1.22	0.12	250	30.88	154.41	641.91
						saaj	1	0.8	6	0.12	0.52	130	130	100	1.22	0.15	250	36.60	36.60	166.60
						bamboo	50			0.00		0	0	100	1.22	0.00	125	0.00	0.00	6250.00
						sal	20	0.2	12	0.02	0.13	32.5	650	100	1.22	0.02	250	4.58	91.50	741.50
40	3+223	3+371	Dil bahadur Malla	Chinkhet	292	Chiuro	3	0.5	15	0.12	0.39	97.5	292.5	500	4.42	0.52	250	129.49	388.48	680.98
						Githo	1	0.25	4	0.01	0.13	32.5	32.5	300	2.82	0.02	250	5.51	5.51	38.01
						Jamuno	5	0.5	15	0.12	0.39	97.5	487.5	300	2.82	0.33	250	82.62	413.09	900.59
						Koiralo	1	0.3	4	0.01	0.13	32.5	32.5	300	2.82	0.03	250	7.93	7.93	40.43
43	1+041	1+111	Hira singh budathoki	Bafikote	368	sal	5	0.3	5	0.01	0.13	32.5	162.5	200	2.02	0.03	250	7.10	35.51	198.01
						Chiuri	1	2	15	1.88	4	1000	1000	200	2.02	3.79	250	946.88	946.88	1946.88
						Koiralo	4	0.3	5	0.01	0.13	32.5	130	200	2.02	0.03	250	7.10	28.41	158.41
44	2+158	2+259	Khumbu malla	Bafikote	354	Sallo	1	0.8	7	0.14	0.52	130	130	500	4.42	0.62	250	154.70	154.70	284.70
45	4+435	4+503	Vum b.b.k	Bafikote	315	Kotmero	2	0.8	5	0.10	0.52	130	260	500	4.42	0.44	250	110.50	221.00	481.00
						bamboo			60	0.00		0	0		0.42	0.00	125	0.00	0.00	7500.00
						chiuri	1	0.2	15	0.02	0.13	32.5	32.5	300	2.82	0.05	250	13.22	13.22	45.72
						vimal	10	0.6	4	0.05	0.39	97.5	975	300	2.82	0.13	250	31.73	317.25	1292.25
46	0+070	0+088	Balkumari malla	Bafikote	641	bakaina	7	0.25	4	0.01	0.13	32.5	227.5	150	1.62	0.01	250	3.16	22.15	249.65
47	2+766	2+921	upendra b. malla	Bafikote	349	bamboo	50			0.00		0	0	50	0.82	0.00	125	0.00	0.00	6250.00
						vimal	4	0.5	3	0.02	0.39	97.5	390	200	2.02	0.05	250	11.84	47.34	437.34
						kotmero	4	0.5	4	0.03	0.39	97.5	390	200	2.02	0.06	250	15.78	63.13	453.13
						bamboo	50			0.00		0	0		0.42	0.00	125	0.00	0.00	6250.00
48	0+002	0+040	Indra bahadur khadka	Bafikote	644	chiuro	1	0.5	5	0.04	0.39	97.5	97.5	500	4.42	0.17	250	43.16	43.16	140.66
49	2+185	2+259	Khambe khadka/ khambe	Bafikote	367	Saaj	4	0.3	5	0.01	0.13	32.5	130	100	1.22	0.02	250	4.29	17.16	147.16
						sal	10	0.25	6	0.01	0.13	32.5	325	100	1.22	0.01	250	3.57	35.74	360.74
						bamboo	100			0.00		0	0		0.42	0.00	125	0.00	0.00	12500.00
						chiuro	1	0.35	10	0.04	0.39	97.5	97.5	100	1.22	0.05	250	11.68	11.68	109.18
51	4+425	4+473	Bhadre damai	chinkhet	299	Chiuri	2	0.2	10	0.01	0.13	32.5	65	100	1.22	0.02	250	3.81	7.63	72.63
						Siudaro	3	0.1	4	0.00	0.13	32.5	97.5	100	1.22	0.00	250	0.38	1.14	98.64
						Vimal	3	0.15	4	0.00	0.13	32.5	97.5	100	1.22	0.00	250	0.86	2.57	100.07
53	7+900	7+943	Vote Malla	Bafikote	83	Khaniyo	1	0.12	4	0.00	0.13	32.5	32.5	100	1.22	0.00	250	0.55	0.55	33.05
						Vimal	5	0.1	5	0.00	0.13	32.5	162.5	100	1.22	0.00	250	0.48	2.38	164.88
						Githo	1	0.2	6	0.01	0.13	32.5	32.5	100	1.22	0.01	250	2.29	2.29	34.79
54	7+702	7+747	Tilak prasad Malla	Bafikote	84	Tete	20	0.2	8	0.01	0.13	32.5	650	500	4.42	0.04	250	11.05	221.00	871.00
						Vimal	20	0.35	6	0.02	0.39	97.5	1950	500	4.42	0.10	250	25.38	507.61	2457.61
56	7+863	7+893	Khum Kumari malla	Bafikote	56	Vimal	5	0.25	4	0.01	0.13	32.5	162.5	500	4.42	0.03	250	8.63	43.16	205.66

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57	7+943	7+983	Man Bahadur Malla	Bafikote	83	Saaj	1	0.6	10	0.11	0.39	97.5	97.5	100	1.22	0.14	250	34.31	34.31	131.81
58	8+011	8+044	Kalu Malla	Daha	86	Vimal	10	0.2	3	0.00	0.13	32.5	325	100	1.22	0.00	250	1.14	11.44	336.44
60	6+702	6+784	Vim bahadur Malla	Daha	24	Vimal	2	0.16	3	0.00	0.13	32.5	65	500	4.42	0.01	250	2.65	5.30	70.30
61	6+502	6+584	Sher Bahadur malla	Daha	426	Timilo	1	0.1	2	0.00	0.13	32.5	32.5	600	5.22	0.00	250	0.82	0.82	33.32
						Vimal	4	0.15	3	0.00	0.13	32.5	130	600	5.22	0.01	250	2.75	11.01	141.01
62	6+501	6+552	lal k. malla	Daha	23	Vimal	5	0.2	5	0.01	0.13	32.5	162.5	500	4.42	0.03	250	6.91	34.53	197.03
63	7+468	7+518	Jokha B. Chand	daha	134	Kotemero	2	0.25	6	0.01	0.13	32.5	65	500	4.42	0.05	250	12.95	25.90	90.90
						Vimal	15	0.2	3	0.00	0.13	32.5	487.5	500	4.42	0.02	250	4.14	62.16	549.66
65	6+924	6+968	Tek kumari Chanda	Bafikote	80	Vadalo	1	0.15	4	0.00	0.13	32.5	32.5	500	4.42	0.01	250	3.11	3.11	35.61
						Githa	1	0.3	4	0.01	0.13	32.5	32.5	500	4.42	0.05	250	12.43	12.43	44.93
						Vimal	3	0.2	3	0.00	0.13	32.5	97.5	500	4.42	0.02	250	4.14	12.43	109.93
68	0+000	0+030	Chandra B Khadka	Bafikote	1181	Vimal	30	0.3	4	0.01	0.13	32.5	975	500	4.42	0.05	250	12.43	372.94	1347.94
69	0+540	2+821	Gamthale CFUG	Bafikote		Sallo	11	0.6	20	0.23	0.39	97.5	1072.5	500	4.42	0.99	250	248.63	2734.88	3807.38
69	0+541	2+822	Gamthale CFUG	Bafikote		Sallo	100	0.45	15	0.09	0.39	97.5	9750	500	4.42	0.42	250	104.89	10488.87	20238.87
69	0+542	2+823	Gamthale CFUG	Bafikote		Sallo	250	0.1	4	0.00	0.13	32.5	8125	500	4.42	0.01	250	1.38	345.31	8470.31
69	0+543	2+824	Gamthale CFUG	Bafikote		Sal	400	0.25	5	0.01	0.13	32.5	13000	500	4.42	0.04	250	10.79	4316.41	17316.41
69	0+544	2+825	Gamthale CFUG	Bafikote		Sal	350	0.45	15	0.09	0.39	97.5	34125	500	4.42	0.42	250	104.89	36711.04	70836.04
69	0+545	2+826	Gamthale CFUG	Bafikote		Sal	56	0.55	12	0.11	0.39	97.5	5460	500	4.42	0.50	250	125.35	7019.51	12479.51
69	0+546	2+827	Gamthale CFUG	Bafikote		Sal	60	0.7	15	0.23	0.52	130	7800	500	4.42	1.02	250	253.80	15228.28	23028.28
69	0+547	2+828	Gamthale CFUG	Bafikote		Sal	44	0.2	10	0.01	0.13	32.5	1430	500	4.42	0.06	250	13.81	607.75	2037.75
69	0+548	2+829	Gamthale CFUG	Bafikote		Sal	36	0.35	10	0.04	0.39	97.5	3510	500	4.42	0.17	250	42.30	1522.83	5032.83
69	0+549	2+830	Gamthale CFUG	Bafikote		Sal	50	0.4	8	0.04	0.39	97.5	4875	500	4.42	0.18	250	44.20	2210.00	7085.00
70	5+862	7+147	Salghari CFUG	Bafikote		Sal	5	0.25	5	0.01	0.13	32.5	162.5	500	4.42	0.04	250	10.79	53.96	216.46
70	5+863	7+148	Salghari CFUG	Bafikote		Sal	4	0.5	20	0.16	0.39	97.5	390	500	4.42	0.69	250	172.66	690.63	1080.63
70	5+864	7+149	Salghari CFUG	Bafikote		Sal	1	0.6	10	0.11	0.39	97.5	97.5	500	4.42	0.50	250	124.31	124.31	221.81
70	5+865	7+150	Salghari CFUG	Bafikote		Sal	5	0.35	9	0.03	0.39	97.5	487.5	500	4.42	0.15	250	38.07	190.35	677.85
70	5+866	7+151	Salghari CFUG	Bafikote		Sal	2	0.35	20	0.08	0.39	97.5	195	500	4.42	0.34	250	84.60	169.20	364.20
70	5+867	7+152	Salghari CFUG	Bafikote		Sal	6	0.55	12	0.11	0.39	97.5	585	500	4.42	0.50	250	125.35	752.09	1337.09
70	5+868	7+153	Salghari CFUG	Bafikote		Sal	5	0.5	15	0.12	0.39	97.5	487.5	500	4.42	0.52	250	129.49	647.46	1134.96
70	5+869	7+154	Salghari CFUG	Bafikote		Sal	4	0.45	12	0.08	0.39	97.5	390	500	4.42	0.34	250	83.91	335.64	725.64
70	5+870	7+155	Salghari CFUG	Bafikote		Sal	3	0.3	14	0.04	0.13	32.5	97.5	500	4.42	0.17	250	43.51	130.53	228.03
70	5+871	7+156	Salghari CFUG	Bafikote		Sal	7	0.6	15	0.17	0.39	97.5	682.5	500	4.42	0.75	250	186.47	1305.28	1987.78
70	5+872	7+157	Salghari CFUG	Bafikote		Sal	3	0.5	14	0.11	0.39	97.5	292.5	500	4.42	0.48	250	120.86	362.58	655.08
70	5+873	7+158	Salghari CFUG	Bafikote		Sal	4	0.4	13	0.07	0.39	97.5	390	500	4.42	0.29	250	71.83	287.30	677.30
Total																				245785.85

Appendix 4: Poverty Level Analysis of APs

SN	HH no	Name of HH head	Address	No of plot	Total affected area	Total land holding	% of Land loss	Post project total land holding	Pre-project Food sufficiency Month	Post project food sufficiency month	Family Members	Cost to buy food	Pre project agricultural income	Pre project non- agricultural income	Pre project total income	Pre project per capita income	District per capita income	Pre project poverty Level	Post project agricultural income	Post project non agricultural income	Post project total income	Post project per capita income
1	1	Hemanta dahal	Baphikot	1	100	640	15.63	540	10	8.44	6	3000	30000	50000	80000	13333.33	11269.3	1.18	25312.50	50000	75312.50	12552.08
2	2	Maiku malla	Baphikot	2	35	1620	2.16	1585	10	9.78	5	3000	30000	60000	90000	18000.00	11269.3	1.60	29351.85	60000	89351.85	17870.37
3	3	Dhansari kami	Baphikot	1	155	1640	9.45	1485	9	8.15	6	3000	27000	50000	77000	12833.33	11269.3	1.14	24448.17	50000	74448.17	12408.03
4	4	Khadak K. Upadhayay	Baphikot	1	125	4120	3.03	3995	9	8.73	11	3000	27000	100000	127000	11545.45	11269.3	1.02	26180.83	100000	126180.83	11470.98
5	6	Karn pariyar	Baphikot	1	270	1850	14.59	1580	8	6.83	4	3000	24000	50000	74000	18500.00	11269.3	1.64	20497.30	50000	70497.30	17624.58
6	7	Durge kami	Baphikot	1	350	4902	7.14	4552	7	6.50	9	3000	27000	80000	107000	11888.89	11269.3	1.05	25072.22	80000	105072.22	11674.42
7	8	Tasbir kami	Baphikot	2	100	6255	1.60	6155	9	8.86	5	3000	27000	50000	77000	15400.00	11269.3	1.37	26568.35	50000	76568.35	15313.67
8	9	Chandra b. kc	Baphikot	1	80	9765	0.82	9685	6	5.95	15	3000	18000	400000	418000	27866.67	11269.3	2.47	17852.53	400000	417852.53	27856.83
9	12	Pasupati Nepali	Baphikot	1	50	5760	0.87	5710	11	10.90	10	3000	33000	80000	113000	11300.00	11269.3	1.00	32713.54	80000	112713.54	11271.35
10	13	Binaram bk	Baphikot	2	10	15085	0.07	15075	9	8.99	6	3000	27000	70000	97000	16166.67	11269.3	1.43	26982.10	70000	96982.10	16163.68
11	14	Pasupasi Nepali	Baphikot	1	5	425	1.18	420	8	7.91	5	3000	26000	32000	58000	11600.00	11269.3	1.03	25694.12	32000	57694.12	11538.02
12	16	Rudra b. malla	Baphikot	2	190	2960	6.42	2770	9	8.42	10	3000	27000	200000	227000	22700.00	11269.3	2.01	25266.89	200000	225266.89	22526.69
13	17	Indira singh	Baphikot	1	355	2024	17.54	1669	9	7.42	6	3000	27000	100000	127000	21166.67	11269.3	1.88	22264.33	100000	122264.33	20377.91
14	19	pratap kami	Baphikot	2	400	5776	6.93	5376	9	8.38	15	3000	27000	150000	177000	11800.00	11269.3	1.05	25130.19	150000	175130.19	11675.00
15	20	Ratna b. damai	Baphikot	1	60	2725	2.20	2665	9	8.80	6	3000	27000	70000	97000	16166.67	11269.3	1.43	26405.50	70000	96405.50	16067.58
16	26	vim b.kami	Baphikot	1	230	4815	4.78	4585	9	8.57	5	3000	27000	65000	92000	18400.00	11269.3	1.63	25710.28	65000	90710.28	18142.06
17	27	kama sing bk	Baphikot	2	205	1602	12.80	1397	9	7.85	4	3000	27000	52000	79000	19750.00	11269.3	1.75	23544.94	52000	75544.94	18886.74
18	30	Chandra Kali Kami	Baphikot	2	180	1670	10.78	1490	6	5.35	4	3000	18000	32000	50000	12500.00	11269.3	1.11	16059.88	32000	48059.88	12014.97
19	31	Hurmati Nepali	Baphikot	1	270	7540	3.58	7270	6	5.79	9	3000	18000	85000	103000	11444.44	11269.3	1.02	17355.44	85000	102355.44	11372.28
20	32	damber chanda	Baphikot	2	100	1450	6.90	1350	12	11.17	11	3000	36000	90000	126000	11454.55	11269.3	1.02	33517.24	90000	123517.24	11228.84
21	33	Nar b. Chanda	Baphikot	1	260	6320	4.11	6060	6	5.75	8	3000	18000	80000	98000	12250.00	11269.3	1.09	17259.49	80000	97259.49	12157.42
22	35	Dev b. khadka	Baphikot	1	125	2030	6.16	1905	9	8.45	2	3000	27000	20000	47000	23500.00	11269.3	2.09	25337.44	20000	45337.44	22668.89



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23	36	Tulasa Chanda	Baphikot	1	370	9090	4.07	8720	6	5.76	6	3000	18000	60000	78000	13000.00	11269.3	1.15	17267.33	60000	77267.33	12877.8
24	37	Damber Malla	Baphikot	2	470	8895	5.28	8425	7	6.63	8	3000	21000	70000	91000	11375.00	11269.3	1.01	19890.39	70000	89890.39	11236.3
25	39	Sarpu chanda	Baphikot	2	125	4625	2.70	4500	6	5.84	5	3000	18000	40000	58000	11600.00	11269.3	1.03	17513.51	40000	57513.51	11502.2
26	40	Dil bahadur Malla	Baphikot	2	430	6110	7.04	5680	6	5.58	7	3000	18000	65000	83000	11857.14	11269.3	1.05	16733.22	65000	81733.22	11676.6
27	41	Deumi gharti	Baphikot	1	125	985	12.69	860	12	10.48	9	3000	36000	80000	116000	12888.89	11269.3	1.14	31431.47	80000	111431.47	12381.1
28	42	Dhan Bahadur malla	Baphikot	1	190	15100	1.26	14910	9	8.89	3	3000	27000	300000	327000	109000.00	11269.3	9.67	26660.26	300000	326660.26	108886.6
29	43	Hira singh budathoki	Baphikot	2	410	4365	9.39	3955	10	9.06	6	3000	30000	60000	90000	15000.00	11269.3	1.33	27182.13	60000	87182.13	14530.3
30	44	Khumbu malla	Baphikot	2	1240	3675	33.74	2435	9	5.96	9	3000	27000	90000	117000	13000.00	11269.3	1.15	17889.80	90000	107889.80	11987.7
31	46	Balkumari malla	Baphikot	2	195	2355	8.28	2160	9	8.25	7	3000	27000	70000	97000	13857.14	11269.3	1.23	24764.33	70000	94764.33	13537.7
32	48	Indra bahadur khadka	Baphikot	1	35	9280	0.38	9245	9	8.97	5	3000	27000	36000	63000	12600.00	11269.3	1.12	26898.17	36000	62898.17	12579.9
33	49	Khambe K. Khame	Baphikot	1	20	3285	0.61	3265	10	9.94	7	3000	30000	150000	180000	25714.29	11269.3	2.28	29817.35	150000	179817.35	25688.8
34	51	Bhadre damai	Baphikot	2	85	8890	0.96	8805	12	11.89	15	3000	36000	145000	181000	12066.67	11269.3	1.07	35655.79	145000	180655.79	12043.3
35	52	Bijaya B Malla	Baphikot	2	120	2635	4.55	2515	12	11.45	8	3000	36000	75800	111800	13975.00	11269.3	1.24	34360.53	75800	110160.53	13770.0
36	53	Vote Malla	Baphikot	1	150	4150	3.61	4000	11	10.60	9	3000	33000	75000	108000	12000.00	11269.3	1.06	31807.23	75000	106807.23	11867.7
37	54	Tilak prasad Malla	Baphikot	2	720	6400	11.25	5680	12	10.65	6	3000	36000	55000	91000	15166.67	11269.3	1.35	31950.00	55000	86950.00	14491.1
38	55	Tek Bahadur Malla	Baphikot	2	350	2000	17.50	1650	12	9.90	6	3000	36000	60000	96000	16000.00	11269.3	1.42	29700.00	60000	89700.00	14950.0
39	56	Khum Kumari malla	Baphikot	1	360	2360	15.25	2000	11	9.32	4	3000	33000	35000	68000	17000.00	11269.3	1.51	27966.10	35000	62966.10	15741.1
40	57	Man Bahadur Malla	Baphikot	1	150	3495	4.29	3345	6	5.74	7	3000	18000	70000	88000	12571.43	11269.3	1.12	17227.47	70000	87227.47	12461.1
41	58	Kalu Malla	Baphikot	2	620	3450	17.97	2830	10	9.00	4	3000	30000	50000	80000	20000.00	11269.3	1.77	24608.70	50000	74608.70	18652.2
42	60	Vim bahadur Malla	Baphikot	1	320	7675	4.17	7355	9	8.62	8	3000	27000	80000	107000	13375.00	11269.3	1.19	25874.27	80000	105874.27	13234.4
43	61	Sher Bahadur malla	Baphikot	2	105	2430	4.32	2325	12	11.48	2	3000	36000	20000	56000	28000.00	11269.3	2.48	34444.44	20000	54444.44	27222.2
44	62	lal k. malla	Baphikot	1	410	3715	11.04	3305	9	8.01	1	3000	27000	20000	47000	47000.00	11269.3	4.17	24020.19	20000	44020.19	44020.0
45	63	jokha b. Chand	Baphikot	2	160	3710	4.31	3550	12	11.48	4	3000	36000	20000	56000	14000.00	11269.3	1.24	34447.44	20000	54447.44	13611.1
46	64	Panna k. malla	Bafikote	2	185	2430	7.61	2245	8	7.39	6	3000	24000	59000	83000	13833.33	11269.3	1.23	22172.84	59000	81172.84	13528.8
47	65	Tek kumari Chanda	Baphikot	1	240	4505	5.33	4265	8	7.57	2	3000	24000	20000	44000	22000.00	11269.3	1.95	22721.42	20000	42721.42	21360.0
48	66	man Bahadur b.k	Baphikot	1	15	1800	0.83	1785	12	11.90	14	3000	36000	150000	186000	13285.71	11269.3	1.18	35700.00	150000	185700.00	13264.3
49	67	Sitala malla	Baphikot	1	35	1095	3.20	1060	9	8.71	5	3000	27000	45000	72000	14400.00	11269.3	1.28	26136.99	45000	71136.99	14227.7
50	68	Chandra B. Khadka	Baphikot	3	300	9965	3.01	9665	9	8.73	7	3000	27000	60000	87000	12428.57	11269.3	1.10	26187.16	60000	86187.16	12312.2
51	69	Sher bir Dahal	Baphikot	1	25	735	3.40	710	10	9.66	6	3000	30000	80000	110000	18333.33	11269.3	1.63	28979.59	80000	108979.59	18163.3
52	11	Dhani kami	Bafikote	1	30	1345	2.23	1315	10	9.78	6	3000	30000	55000	85000	14166.67	11269.3	1.26	29330.86	55000	84330.86	14055.5
53	15	khusal Ram Khatri	Bafikote	1	90	2254	3.99	2164	11	10.56	6	3000	33000	60000	93000	15500.00	11269.3	1.38	31682.34	60000	91682.34	15280.0
54	20	Ratne b. Damai	Bafikote	1	140	2725	5.14	2585	9	8.54	5	3000	27000	36000	63000	12600.00	11269.3	1.12	25612.84	36000	61612.84	12322.2
55	22	oelo kami	Bafikote	1	490	3040	16.12	2550	10	8.39	4	3000	30000	30000	60000	15000.00	11269.3	1.33	25164.47	30000	55164.47	13791.1
56	23	Chaiti kami	Bafikote	1	40	540	7.41	500	8	7.41	6	3000	24000	50000	74000	12333.33	11269.3	1.09	22222.22	50000	72222.22	12037.7
57	25	Bisnu k. chanda	Bafikote	2	150	4030	3.72	3880	11	10.59	4	3000	33000	55000	88000	22000.00	11269.3	1.95	31771.71	55000	86771.71	21692.2

## Chhinkhet – Shyarpudaha Road Sub Project

## Rukum District

58	34	Karna b. nepali	Bafikote	2	5	115	4.35	110	2	1.91	4	3000	6000	60000	66000	16500.00	11269.3	1.46	5739.13	60000	65739.13	16434.13
59	69	Chotelal kc	Bafikote	1	230	2850	8.07	2620	9	8.27	6	3000	27000	60000	87000	14500.00	11269.3	1.29	24821.05	60000	84821.05	14136.10
60	70	Dhirja b. malla	Bafikote	2	115	1850	6.22	1735	9	8.44	6	3000	27000	60000	87000	14500.00	11269.3	1.29	25321.62	60000	85321.62	14220.12
61	71	Tarak b. malla	Bafikote	1	130	1765	7.37	1635	10	9.26	5	3000	30000	60000	90000	18000.00	11269.3	1.60	27790.37	60000	87790.37	17558.37
62	72	Bin b.Malla	Bafikote	1	240	1850	12.97	1610	10	8.70	6	3000	30000	60000	90000	15000.00	11269.3	1.33	26108.11	60000	86108.11	14351.11
63	73	Top kumari bk	Bafikote	1	515	3021	17.05	2506	9	7.47	6	3000	27000	50000	77000	12833.33	11269.3	1.14	22397.22	50000	72397.22	12066.22
64	74	Tilak b. khadka	Bafikote	1	5	1250	0.40	1245	11	10.96	7	3000	33000	70000	103000	14714.29	11269.3	1.31	32868.00	70000	102868.00	14695.00
65	75	sarune Damai	Bafikote	1	5	2022	0.25	2017	10	9.98	6	3000	30000	70000	100000	16666.67	11269.3	1.48	29925.82	70000	99925.82	16654.82
66	76	kali Damai	Bafikote	1	25	650	3.85	625	10	9.62	8	3000	30000	80000	110000	13750.00	11269.3	1.22	28846.15	80000	108846.15	13605.15
67	77	buddhiman roka	Bafikote	1	25	1021	2.45	996	9	8.78	6	3000	27000	65000	92000	15333.33	11269.3	1.36	26338.88	65000	91338.88	15223.88
68	78	kamabir pun	Bafikote	1	205	4201	4.88	3996	10	9.51	7	3000	30000	60000	90000	12857.14	11269.3	1.14	28536.06	60000	88536.06	12648.06
69	79	pyro kami	Bafikote	1	130	3654	3.56	3524	10	9.64	5	3000	30000	45000	75000	15000.00	11269.3	1.33	28932.68	45000	73932.68	14786.68
70	80	khadke kami	Bafikote	1	5	1845	0.27	1840	10	9.97	6	3000	30000	50000	80000	13333.33	11269.3	1.18	29918.70	50000	79918.70	13319.70
71	81	Sarki Nepali	Bafikote	1	5	650	0.77	645	8	7.94	4	3000	24000	40000	64000	16000.00	11269.3	1.42	23815.38	40000	63815.38	15953.38



## **Appendix 5:**

# **Voluntary Land Contribution Consent Form**

## Appendix 6: Letters from Third Party NGO, VDC and Sub- Grievance Redress Committee

## Appendix 7: Summary of RP in Nepali

## Appendix 8: Summary of Community Consultation Meeting

## Appendix 9: Meeting and minutes of CDC,GRC and VICCC



## Appendix 10: Cadastral Report

## Appendix 11 : Summary of Resettlement Framework in Nepali

## List of Map

Cadastral Map Prepared by District Land Survey  
Office Indicating Road Alignment

## Summary of Public Consultation Meeting along the Alignment

SN	Meeting Venue	Date	Participants	Issues and decisions
1	Baphikote-1 Taligau	2066/9/7	13 peoples were participated. Among them 3 from VICCC, 9 from Bramin /Chetri.and 1female	<ul style="list-style-type: none"> <li>• Discussion was made on road alignment and compensation rate of private trees.</li> </ul>
2	Baphikote-V.D.C, Kote	2066/10/22	11 peoples were participated. Among them 4 from VICCC, 2 ladies and 5 from Bramin /Chetri.	<ul style="list-style-type: none"> <li>• Discussion was carried out on the issues like compensation of the structure and training program.</li> </ul>
3	Baphikote-V.D.C office	2066/11/20	85 peoples were participated. Among them 11 participants were female 5 were VICCC members 25 were Dalits and 44 from Bramin /Chetri.	<ul style="list-style-type: none"> <li>• This meeting was organized to assess the willingness of land donation by APs for the proposed road subproject. All the APs presented in this meeting committed to donate their land without any compensation and they signed that Land donation agreement letter at the witness of the third party NGO..</li> </ul>
4	Baphikote-Netapokhara	2066/12/20	17 peoples were participated. Among them 4 from VICCC, 2 were female and 11 Bramin /Chetris.	<ul style="list-style-type: none"> <li>• This meeting was organized to negotiate price of affected land owners and also to assess the willingness of land donation of APs for the proposed road subproject. All the APs presented in this meeting agreed to donate their land without any compensation and they signed the Land donation agreement letter at the witness of the third party NGO.</li> </ul>

ग्रामीण पुनर्निर्माण तथा पुनर्स्थापना आयोजना  
**पुनर्वास योजना: छिनखेत-स्यापुदह सडक आयोजना, रुकुम**  
( नेपाली सारांश )

१. यस पुनर्वास योजनाले ग्रामीण पुनर्निर्माण तथा पुनर्स्थापना आयोजना (RRRSDP) अन्तरगत संचालित छिनखेत-स्यापुदह सडक आयोजनाको अस्वेच्छिक पुनर्वास योजनाको नीति तथा प्रकृत्यालाई प्रस्तुत गरेको छ । यो पुनर्वास योजना जग्गा प्राप्ती ऐन २०३४ लाई आधार मानी एसियाली विकास बैङ्कको अस्वेच्छिक पुनर्वास नीति १९९५ अनुरूप बनाइएको हो । यसका अतिरिक्त नेपालको अन्तरिम संविधान २०६३, भूमिसुधार ऐन २०२१, जग्गा मालपोत ऐन २०३४, सार्वजनिक सडक ऐन २०३१, गुठी संस्थान ऐन २०३३ तथा अन्य पुनर्वास सम्बन्धि राष्ट्रिय कानून, नीति र नियमावलीहरूलाई पनि ध्यानमा राखी यो पुनर्वास योजना तयार गरिएको छ ।

२. यस सडक आयोजनाको जम्मा लम्वाई ७.८ कि.मी रहेको छ । यस आयोजना वाफिकोट गा.वि.स.को छिनखेतबाट सुरु भई स्यापुदहमा पुगेर अन्त्य हुन्छ । यो बाटोले यस वाफिकोट गा.वि.स. बाट उत्तर पश्चिममा रहेको स्यालाखदी र गोतामकोटका मानिसहरूलाई पनि सहयोग पुऱ्याउनेछ । यो सडक आयोजना अन्तर्गत बारै महिना चल्ने ५ मिटर चौडाई भएको सडक निर्माण गरिने छ भने यस सडकको अधिकार क्षेत्र (ROW) १० मिटर कायम गरिएकोछ । ग्रामीण सडकको मापदण्ड अनुरूप यो आयोजनालाई ' क ' वर्गमा वर्गीकरण गरिएको छ । यो सडक आयोजना निर्माणको लागी २.०९ हेक्टर व्यक्तिगत जमिन र ५.७१ हेक्टर सार्वजनिक जमिन गरी जम्मा ७.८ हेक्टर जग्गा आवश्यक पर्ने देखिन्छ ।

३. यस आयोजना क्षेत्रभित्र पर्ने प्रभावित घरधुरीहरूको सामाजिक आर्थिक सर्भेक्षण तथा प्रभावित सम्पत्तिको क्षति विश्लेषण गरि उनीहरूको सामाजिक आर्थिक अवस्था र क्षतिका बारेमा तथ्यांक संकलन गरिएको थियो । कित्ता नापी सर्भेक्षणले देखाए अनुसार यस आयोजनाले जम्माजम्मी ८८ घरधुरीका ११७ व्यक्तिगत लपटहरू प्रभावित भएको देखिन्छ जसमा ३८ घरधुरीका व्यक्तिगत रुखविरुवा र २ वटा सामुदायिक बनका गरी १८३२ रुखविरुवा समेत प्रभावित हुने देखिन्छ (यसैसाथ संलग्न गरिएको प्रभावित जग्गा तथा रुखविरुवाहरूको विवरण हेर्नुहोस्) । पुनर्वास योजना तयार गर्दा ७१ वटा घरधुरीको सामाजिक-आर्थिक तथा क्षति विश्लेषण सर्भे गरिएको थियो र १७ वटा घरधुरी गाउँमा नभेटिएकाले सर्भेक्षणमा छुटेका थिए ।

४. सर्भेक्षण गरिएका मध्ये ३८ घरधुरी ब्राम्हण/क्षेत्री, २४ दलित, ९ जनजाति (मगर) र ९ घरधुरी महिला घरमूल भएको पाईएको थियो । आयोजना प्रभावित घरधुरीहरूको आयका विभिन्न स्रोतहरूको विश्लेषण गर्दा कृषि उत्पादनबाट भन्दा गैरकृषिका स्रोतबाट बढी आम्दानी हुने गरेको पाईएको थियो । यो सडक निर्माणका लागी जग्गा दान गरे बापत प्रभावित घरधुरीको कृषिजन्य उत्पादनमा केही कमी हुने अनुमान गरिएपनि सो जग्गा उब्जाउ नभएकाले कृषिजन्य उत्पादनमा खासै कमी हुने देखिदैन गैरकृषि का स्रोतमा पनि कुनै नोक्सानी बेहोनु पर्ने छैन । सम्पूर्ण घरधुरीले जग्गा गुमाए पनि बाटो बनेपछीका विभिन्न फाइदा जस्तै सडक बनेपछि जग्गाको मुल्य बढ्ने तथा आयोजना अन्तरगतका क्षतीलाई आय आर्जन तालिम तथा अन्य सहयोग बाट पूर्ती हुने अपेक्षा राखिएको छ ।

५. यस सडक आयोजनाबाट प्रभावित सबै घरधुरीबाट २० प्रतिशत भन्दा कम मात्र जग्गा प्रभावित भएको र सबै नै गरिबीको रेखाभन्दा माथि रहेका पाईएको थियो । सो अनुरूप यस आयोजनाले २० प्रतिशत भन्दा कम जग्गा गुमाउने तथा निरपेक्ष गरिबीको रेखाभन्दा माथि रहेका घरधुरी बाट मात्र आयोजना निर्माणकोलागी स्वेच्छिक जग्गादान स्वीकारेकोछ । यस आयोजनामा ७१ घरधुरीका ८५ लपट पर्ने घरधुरीले स्वेच्छीक जग्गादान गर्नकालागी सहमति प्रदान गरेकाछन् । १७ घरधुरी गाउँमा नभेटिएकोले उनिहरूको संग सहमति प्राप्त गर्न बाँकि रहेको छ । उनिहरूसंग सम्पर्क

भएपछि सामाजिक आर्थिक सर्भेक्षण गरी गरिवीको रेखाभन्दा माथि रहेका घरधुरी बाट मात्र स्वेच्छिक जग्गादान स्वीकार गर्न सकिनेछ ।

६. जग्गा अधिग्रहण सम्बन्धी उजुरी, गुनासो वा विवाद सुन्न तथा सो को उचित समाधान गर्न जिल्ला तहमा गुनासो निदान समिति (GRC) तथा गाउँ तहमा यसको एउटा उपसमिति गठन गरिएको छ । यस उपसमितिमा ३ जना गाउँस्तरीय पूर्वाधार निर्माण समन्वय समिति (VICCC) बाट र ३ जना प्रभावित घरधुरी बाट गरी ६ जना भएको गुनासो निदान समिति बनाइएको छ ।

७. प्रमुख जिल्ला अधिकारीको अध्यक्षतामा मुआब्जा निर्धारण समितिको गठन गरिएको छ । यस समितिले आयोजना प्रभावितहरूलाई क्षतिपूर्ति वापत दिइने रकमलाई पनि अनुमोदन गरेकोछ । क्षतिपूर्ति, लगत कट्टा, सीप विकास तालीम तथा अन्य विभिन्न शीर्षक गरी जम्मा रु १८१४६४६.०० को पुनर्वास बजेटको प्रस्ताव गरिएकोछ । आयोजनाले प्रभावित परिवारका कम्तिमा पनि १ व्यक्तिलाई ९० दिन बराबरको अदक्ष कामदारको रूपमा रोजगारको अवसर प्रदान गर्नेछ । यसको साथै आयोजनाले संचालन गर्ने जीवन उपयोगी सीप तालीमद्वारा प्रभावित परिवारको आय तथा क्षमतामा सुधार गरिने छ ।

८. यो आयोजनाको केन्द्रिय तहमा आयोजना समन्वय एकाई (PCU) रहेकोछ जसलाई केन्द्रिय कार्यान्वयन सहयोग परामर्शदाता (CISC) ले कार्यक्रमको कार्यान्वयनमा सहयोग पुर्याइरहेकोछ भने जिल्लामा जिल्ला आयोजना कार्यालय (DPO) लाई जिल्ला कार्यान्वयन सहयोग टोली (DIST) ले प्राविधिक सहयोग गर्दछ । सडक आयोजनालाई गाउँ तहमा गाउँ स्तरीय पूर्वाधार निर्माण समन्वय समितिले योजना कार्यान्वयन गर्नमा सहयोग पुर्याउँदछ ।

९. यो सडक आयोजना कार्यान्वयन र आन्तरीक अनुगमन गर्ने काम जिल्ला आयोजना कार्यालय (DPO) को हुनेछ । पुनर्वास योजनाको कार्यान्वयन सम्पन्न भएको रुजु गर्ने काम केन्द्रिय कार्यान्वयन सहयोग परामर्शदाता (CISC) का पुनर्वास विज्ञबाट सम्पन्न भई सो को प्रतिवेदन सहित आयोजना निर्माणकार्य शुरु गर्न आयोजना समन्वय एकाई (PCU) बाट एशियाली विकास बैंकमा प्रस्तावना पठाए पछि मात्र निर्माण कार्य सुरु हुनेछ ।

## Appendix 1: List of Affected Household by Type of Loss

S.N.	Chainage		House Hold No	Name of Land Owner/Household head	Name of father/husband	Address			Impact	Remarks
	From	To				VDC	Ward	Settlement		
1	7+363	7+416	1	Hemant Dahal	Rabu Dahal	Baphikot	3	Daha	Land, tree	
2	3+017	3+090	2	Maiku Malla	Kalu Malla	Baphikot	2	Taligau	Land	
3	3+428	3+513	3	Dhansari Kami	Motiram Kami	Baphikot	1	Kote	Land, tree	
4	3+327	3+375	4	khadak k. Upadhayay	krishanalal upadhayay	Baphikot	1	Kote	Land	
5	1+037	1+090	5	Chotelal K.C.	Sukiram k.c	Baphikot	2	Taligau	Land	
6	4+375	4+425	6	Karn pariyar	khito pariyar	Baphikot	2	Taligau	Land, tree	
7	3+887	3+998	7	Durge kami	Bale kami	Baphikot	1	Kote	Land	
8	5+513	5+659	8	Tasbir Kami	N.A	Baphikot	1	Kote	Land	
9	2+087	2+167	9	Chandra b. kc	Parbir khatri	Baphikot	1	Kote	Land	
10	3+905	3+947	11	karnasingh bk	N.A	Baphikot	1	Kote	Land	
11	5+182	5+275	12	Dhani kami	Surya kami	Baphikot	1	Kote	Land	
12	4+871	4+987	13	Binaram bk	pathane	Baphikot	1	Kote	Land	
13	4+224	4+264	14	pasupasi nepali	Sukraj	Baphikot	1	Kote	Land	
14	4+530	4+584	15	khusal ram khatri	jeuru	Baphikot	1	Kote	Land, tree	
15	4+054	4+135	16	Rudra b. malla	krishna b.Malla	Baphikot	1	Kote	Land	
16	4+047	4+094	17	Indira singh	Jokh b. singh	Baphikot	1	Kote	Land, tree	
17	4+264	4+302	18	karna b. nepali	kali b. nepali	Baphikot	1	Kote	Land	
18	2+125	3+025	19	pratap kami	Dhun ram kami	Baphikot	1	Kote	Land, tree	
19	5+100	5+205	20	Ratana b. damai	Nasing	Baphikot	1	Kote	Land, tree	
20	4+932	5+100	22	Oelo Kami	Parimle	Baphikot	1	Kote	Land	
21	4+007	4+047	23	Chaiti kami	kalo	Baphikot	1	Kote	Land	
22	7+300	7+363	25	Bishnu kumari Chanda	Khadka Chanda	Baphikot	1	Kote	Land, tree	
23	4+435	4+503	26	Vim b. kami	Sarbe kami	Baphikot	1	Kote	Land	
24	4+264	4+302	27	Karna sings bk	Harka singh	Baphikot	1	Kote	Land	
25	4+094	4+154	30	Chandra Kali Kami	Narshing Kami	Baphikot	1	Kote	Land, tree	
26	3+052	3+105	31	Hurmati kami	Ariman	Baphikot	1	Kote	Land, tree	
27	3+090	3+163	32	damber chanda	N.A	Baphikot	2	Taligau	Land, tree	
28	1+718	1+860	33	Nar b. Chanda	Purna bahadur chanda	Baphikot	2	Taligau	Land, tree	
29	0+161	0+204	35	Dev b. Khadka	Tikaram Khadka	Baphikot	2	Taligau	Land, tree	
30	1+540	1+660	36	Tulasa Chanda	Lal Bahadur Chanda	Baphikot	2	Taligau	Land, tree	
31	3+163	3+223	37	Damber Malla	Manrupa malla	Baphikot	2	Taligau	Land, tree	
32	1+090	1+260	39	Sarpu chanda	DanduChanda	Baphikot	2	Taligau	Land, tree	
33	3+223	3+371	40	Dil bahadur Malla	Dhan b. malla	Baphikot	2	Taligau	Land, tree	
34	2+676	2+766	41	Deumi gharti	Harka bahadur	Baphikot	2	Taligau	Land	
35	2+676	2+766	42	Dhan B.Malla	Chakra bahadur Malla	Baphikot	2	Taligau	Land	
36	1+041	1+111	43	Hira singh budathoki	Hari bahadur budathoki	Baphikot	2	Taligau	Land, tree	
37	2+158	2+259	44	Khumbu malla	Sarpu	Baphikot	2	Taligau	Land, tree	
38	2+766	2+921	46	Tika Ram K.C	Parvu khatri	Baphikot	2	Taligau	Land	
39	0+070	0+088	47	Balkumari malla	Tilu malla	Baphikot	2	Taligau	Land, tree	
40	0+002	0+040	48	Indra bahadur khadka	Top Bahadur Khadka	Baphikot	2	Taligau	Land, tree	
41	2+185	2+259	49	khambe khadka/ khame	Harka Bahadur Khadka	Baphikot	2	Taligau	Land, tree	
42	4+425	4+473	51	Bhadre damai	Kamaro Damai	Baphikot	2	Taligau	Land, tree	
43	4+135	4+198	52	Bijaya Bahadur Malla	Durga Bahadur malla	Baphikot	3	Daha	Land	
44	7+900	7+943	53	Vote Malla	Pratap Malla	Baphikot	3	Daha	Land, tree	
45	7+702	7+747	54	Tilak prasad Malla	Hari Bahadur Malla	Baphikot	3	Daha	Land, tree	
46	7+647	7+702	55	Tek Bahadur Malla	Kali Bahadur Malla	Baphikot	3	Daha	Land	

47	7+863	7+893	56	Khum Kumari malla	Chakra b.Malla	Baphikot	3	Daha	Land, tree	
48	7+943	7+983	57	Man Bahadur Malla	Harku Malla	Baphikot	3	Daha	Land, tree	
49	8+011	8+044	58	Kalu Malla	Mardan Malla	Baphikot	3	Daha	Land, tree	
50	6+702	6+784	60	Vim bahadur Malla	Kasiram	Baphikot	3	Daha	Land, tree	
51	6+502	6+584	61	Sher Bahadur malla	Man Bahadur Malla	Baphikot	3	Daha	Land, tree	
52	6+501	6+552	62	lal k. malla	khambu malla	Baphikot	3	Daha	Land, tree	
53	7+468	7+518	63	jokha b. Chand	khada b. chand	Baphikot	3	Daha	Land, tree	
54	6+521	6+584	64	Panna Kimari Malla	Mardan Malla	Baphikot	3	Daha	Land	
55	6+924	6+968	65	Tek kumari mallaa	Suk kumari	Baphikot	3	Daha	Land, tree	
56	7+058	7+121	66	Man b.B.k	Harku malla	Baphikot	3	Daha	Land	
57	4+154	4+224	67	Sitala malla	Buddhi Malla	Baphikot	1	Kote	Land	
58	0+000	0+030	68	Chandra B Khadka	Harke Khadka	Baphikot	2	Chinkhet	Land, tree	
59	4+363	4+956	69	Sher bir Dahal	Bhima Dahal	Baphikot	1	Taligau	Land	
60	6+590	7+210	70	Dirja b. Malla	Khadka Chanda	Baphikot	3	Daha	Land	
61	6+412	6+540	71	Tarak b.malla	Mardan Malla	Baphikot	3	Daha	Land	
62	6+540	6+860	72	Bin bahadur malla	Dhanu Malla	Baphikot	3	Daha	Land, tree	
63	3+154	3+345	73	Top kumari bk	Vum b.bk	Baphikot	2	Chinkhet	Land, tree	
64	3+390	3+400	74	Tilak b. khadka	Sher b.	Baphikot	2	Chinkhet	Land	
65	3+400	3+150	75	Sarune Damai	Bhade Damai	Baphikot	2	Chinkhet	Land	
66	4+562	4+635	76	Kali Damai	Kale	Baphikot	1	Kote	Land	
67	4+635	4+710	77	Buddhiman Roka	Hikabir Roka	Baphikot	1	Kote	Land	
68	4+710	4+810	78	Karna bir pun	Bal b. pun	Baphikot	1	Kote	Land	
69	4+830	4+900	79	Piyaro kami	pune kami	Baphikot	1	Kote	Land	
70	4+900	5+150	80	khadke kami	Jannga b.	Baphikot	1	Kote	Land	
71	5+150	5+200	81	Sarki Nepali	Thumara	Baphikot	1	Kote	Land	
72	1+037	1+340	82	Netra b.Budhathoki	Hari b.budhathoki	Baphikot	2	Chinkhet	Land, tree	Absentee
73	4+120	4+240	83	Upendra Malla	seru malla	Baphikot	2	Chinkhet	Land, tree	Absentee
74	5+320	5+400	84	prem B.Gharti	Lal Singh Gharti	Baphikot	2	Chinkhet	Land	Absentee
75	4+240	4+320	85	Lila malla	Gokh B.malla	Baphikot	2	Chinkhet	Land	Absentee
76	5+140	5+190	86	Tirtha man Damai	Thamura Damai	Baphikot	1	Kote	Land	Absentee
77	4+733	4+898	87	Bir B.B.K	Pathane Kami	Baphikot	1	Kote	Land	Absentee
78	5+600	5+650	88	Primari School		Baphikot	1	Kote	Land	Absentee
79	3+777	3+862	89	Bibek kumar Shah	Dhurba Bikram	Baphikot	1	Kote	Land	Absentee
80	3+724	3+777	90	Dhurba Bikram Shah	Thagendra	Baphikot	1	Kote	Land	Absentee
81	5+658	5+720	91	Rajendra k.shah	Dhubra Bikram	Baphikot	1	Kote	Land	Absentee
82	4+500	4+560	92	Bipan kami	Bal Jit	Baphikot	1	Kote	Land	Absentee
83	4+560	4+600	93	Dambere kami	Heme	Baphikot	1	Kote	Land	Absentee
84	3+586	3+747	94	Haste Kami	RanBir	Baphikot	1	Kote	Land	Absentee
85	4+700	4+740	95	Mitra lal kami	Pase	Baphikot	1	Kote	Land	Absentee
86	7+612	7+647	96	Damber k. Malla	Khumbu	Baphikot	3	Daha	Land	Absentee
87	4+513	4+580	97	Khadku chanda	Muga	Baphikot	3	Daha	Land	Absentee
88	4+130	4+155	98	Tulasi p. sharma	N.A	Baphikot	1	Kote	Land	Absentee



**Appendix 2: List of Affected Household by Land Loss (With Estimated Cost at Current Market Price)**

S.N	Chainage		House Hold No	Name of Land owner	Name of father/husband	Name of Grand father	VDC	Ward	Settlement	Sheet no of Map	Kitta no	Total area (sqm)	Area of affected plot (sqm)	Additional land required (sqm)	%of land loss	Direction	Rate per Unite(Sqm) as per Land Revenue Office	Total Value	Current rate	Total valu	Remarks
	From	To																			
1	7+363	7+416	1	Hemant Dahal	Rabu Dahal	Hari Ram	Baphikot	3	Daha	85/801	26	640	300	100	15.63	Right	60	6000	120	12000	
2	3+017	3+090	2	Maiku Malla	Kalu Malla	kargu	Baphikot	2	Taligau	85/801	636	1620	435	35	2.16	Left	60	2100	120	4200	
3	3+428	3+513	3	Dhansari Kami	Motiram Kami	Bale	Baphikot	1	kote	95/801	1079	1640	977	155	9.45	Left	60	9300	115	17825	
4	3+327	3+375	4	khadak k. Upadhayay	krishanalal upadhayay	Deudatta	Baphikot	1	kote	95/801	162	4120	1000	125	3.03	Left	50	6250	115	14375	
5	1+037	1+090	5	Chotelal K.C.	Sukiram k.c	Pasu	Baphikot	2	Taligau	85/801	1154	4300	275	50	1.16	Left	60	3000	120	6000	
6	4+375	4+425	6	karn pariyar	khoto pariyar	MotiRam	Baphikot	2	Taligau	38	296	1850	1475	270	14.59	Left	50	13500	120	32400	
7	3+887	3+998	7	Durge kami	Bale kami	Dhene	Baphikot	1	kote	85/801	172	4902	2220	350	7.14	Left	50	17500	120	42000	
8	5+513	5+659	8	Tasbir Kami	N.A	Chatare	Baphikot	1	kote	85/801	379	6255	4710	100	1.60	Left	50	5000	120	12000	
9	2+087	2+167	9	Chandra b. kc	Parbir khatri	Sadu	Baphikot	1	kote	85/801	436	9765	705	80	0.82	Left	60	4800	115	9200	
10	3+905	3+947	11	karnasingh bk	N.A	MotiRam	Baphikot	1	kote	95/801	204	5760	286	50	0.87	Left	50	2500	120	6000	
11	5+182	5+275	12	Dhani kami	Surya kami	Kale Kami	Baphikot	1	kote	85/801	425	1345	1345	120	8.92	Left	60	7200	115	13800	
12	4+871	4+987	13	Binaram bk	pathane	Haste	Baphikot	1	kote	038/0801	279	1585	1585	195	12.30	Right	50	9750	115	22425	
13	4+224	4+264	14	pasupasi nepali	Sukraj	Bude	Baphikot	1	kote	038/801	258	485	355	5	1.03	Right	60	300	115	575	
14	4+530	4+584	15	khusal ram khatri	jeuru	Nadu	Baphikot	1	kote	038/801	250	895	895	85	9.50	Right	50	4250	120	10200	
15	4+054	4+135	16	Rudra b. malla	krishna b.Malla	Biru	Baphikot	1	kote	85/801	178	2960	2960	190	6.42	Right	60	11400	120	22800	
16	4+047	4+094	17	Indira singh	Jokh b. singh	Lal B.	Baphikot	1	kote	85/801	454	1602	960	205	12.80	Right	60	12300	115	23575	
17	4+264	4+302	18	karna b. nepali	kali b. nepali	Birmas	Baphikot	1	kote	85/801	291	115	115	5	4.35	Right	50	250	115	575	
18	2+125	3+025	19	pratap kami	Dhun ram kami	Tularam	Baphikot	1	kote	085/801	512	5776	960	400	6.93	Right	50	20000	120	48000	
19	5+100	5+205	20	Ratana b. damai	Nasing	Dhanbir	Baphikot	1	kote	85/801	374	2725	2725	60	2.20	Right	50	3000	120	7200	
20	4+932	5+100	22	Oelo Kami	Parimle	Goble	Baphikot	1	kote	95/801	378	2685	2685	490	18.25	Left	60	29400	120	58800	
21	4+007	4+047	23	Chaiti kami	kalo	Hase	Baphikot	1	kote	95/801	251	235	235	40	17.02	Left	50	2000	115	4600	

22	7+300	7+363	25	Bishnu kumari Chanda	Khadka Chanda	Gopi	Baphikot	1	kote	085/801	512	5776	960	400	6.93	Right	50	20000	120	48000	
23	4+435	4+503	26	Vim b. kami	Sarbe kami	Dhene	Baphikot	1	kote	95/801	206	4815	425	230	4.78	Right	60	13800	120	27600	
24	4+264	4+302	27	Karna sings bk	Harka singh	Dheni	Baphikot	1	kote	95/801	480	2905	2905	205	7.06	Left	50	10250	120	24600	
25	4+094	4+154	30	Chandra Kali Kami	Narshing Kami	Harka	Baphikot	1	kote	95/801	276	1670	305	180	10.78	Left	60	10800	120	21600	
26	3+052	3+105	31	Hurmati kami	Ariman	Haste	Baphikot	1	kote	95/801	504	7540	3350	270	3.58	Right	50	13500	120	32400	
27	3+090	3+163	32	damber chanda	N.A	Jitar	Baphikot	2	Taligau	95/801	313	925	985	125	13.51	Right	50	6250	120	15000	
28	1+718	1+860	33	Nar b. Chanda	Purna bahadur chanda	Kalan	Baphikot	2	Taligau	95/801	334	6320	6320	260	4.11	Left	60	15600	120	31200	
29	0+161	0+204	34	Dev b. Khadka	Tikaram Khadka	Vemsen	Baphikot	2	Taligau	95/801	640	2030	355	125	6.16	Right	50	6250	110	13750	
30	1+540	1+660	36	Tulasa Chanda	Lal Bahadur Chanda	Sarpu	Baphikot	2	Taligau	95/801	360	2605	650	115	4.41	Left	50	5750	120	13800	
31	3+163	3+223	37	Damber Malla	Manrupa malla	Dhanam	Baphikot	2	Taligau	95/801	335	3525	450	10	0.28	Right	60	600	120	1200	
32	1+090	1+260	39	Sarpu chanda	DanduChanda	Veudal	Baphikot	2	Taligau	95/801	331	4625	880	125	2.70	Left	60	7500	120	15000	
33	3+223	3+371	40	Dil bahadur Malla	Dhan b. malla	Tiku	Baphikot	2	Taligau	95/801	292	6110	575	430	7.04	Right	60	25800	110	47300	
34	2+676	2+766	41	Deumi gharti	Harka bahadur	Sange	Baphikot	2	Taligau	95/801	352	985	985	125	12.69	Left	50	6250	120	15000	
35	2+676	2+766	42	Dhan B.Malla	Chakra bahadur Malla	Kalu	Baphikot	2	Taligau	95/801	352	15100	665	190	1.26	Right	30	5700	110	20900	
36	1+041	1+111	43	Hira singh budathoki	Hari bahadur budathoki	Rati b.	Baphikot	2	Taligau	95/801	368	4365	4365	410	9.39	Right	50	20500	120	49200	
37	2+158	2+259	44	Khumbu malla	Sarpu	Kailu	Baphikot	2	Taligau	95/801	354	7054	1655	1240	17.58	Left	50	62000	120	148800	
38	2+766	2+921	46	Tika Ram K.C	Parvu khatri	Lalun	Baphikot	2	Taligau	95/801	1206	9740	1280	5	0.05	Left	30	150	120	600	
39	0+070	0+088	47	Balkumari malla	Tilu malla	Rudra	Baphikot	2	Taligau	085/801	641	2355	385	195	8.28	Left	30	5850	120	23400	
40	0+002	0+040	48	Indra bahadur khadka	Top Bahadur Khadka	Ram B.	Baphikot	2	Taligau	85/801	644	9280	615	35	0.38	Right	50	1750	115	4025	
41	2+185	2+259	49	khambe khadka/ khambe	Harka Bahadur Khadka	Narivan	Baphikot	2	Taligau	85/801	367	3285	2565	20	0.61	Right	50	1000	115	2300	
42	4+425	4+473	51	Bhadre damai	Kamaro Damai	Tule	Baphikot	2	Taligau	38/801	299	8890	355	85	0.96	Right	50	4250	115	9775	

43	4+135	4+198	52	Bijaya Bahadur Malla	Durga Bahadur malla	Vim B.	Baphikot	3	Daha	38/801	54	2635	325	120	4.55	Right	60	7200	115	13800	
44	7+900	7+943	53	Vote Malla	Pratap Malla	Vim B.	Baphikot	3	Daha	38/801	82	4550	515	150	3.30	Left	50	7500	120	18000	
45	7+702	7+747	54	Tilak prasad Malla	Hari Bahadur Malla	Danu	Baphikot	3	Daha	38/801	82	6400	2640	720	11.25	Right	50	36000	120	86400	
46	7+647	7+702	55	Tek Bahadur Malla	Kali Bahadur Malla	Suvas	Baphikot	3	Daha	38/801	45	2000	440	350	17.50	Left	60	21000	120	42000	
47	7+863	7+893	56	Khum Kumari malla	Chakra b.Malla	Ran b.	Baphikot	3	Daha	38/801	56	2360	540	360	15.25	Left	50	18000	110	39600	
48	7+943	7+983	57	Man Bahadur Malla	Harku Malla	Hastu	Baphikot	3	Daha	38/801	83	3495	515	150	4.29	Left	60	9000	115	17250	
49	8+011	8+044	58	Kalu Malla	Mardan Malla	Gagan	Baphikot	3	Daha	38/801	86	3450	2330	620	17.97	Left	30	18600	120	74400	
50	6+702	6+784	60	Vim bahadur Malla	Kasiram	Pratap	Baphikot	3	Daha	38/801	24	7675	715	320	4.17	Right	50	16000	120	38400	
51	6+502	6+584	61	Sher Bahadur malla	Man Bahadur Malla	Surya	Baphikot	3	Daha	38/801	426	2430	200	105	4.32	Right	60	6300	120	12600	
52	6+501	6+552	62	lal k. malla	khambu malla	Dulu	Baphikot	3	Daha	38/801	23	3715	605	410	11.04	Left	50	20500	120	49200	
53	7+468	7+518	63	jokha b. Chand	khada b. chand	Khadku	Baphikot	3	Daha	38/801	134	4625	1820	240	5.19	Right	60	14400	120	28800	
54	6+521	6+584	64	Panna Kimari Malla	Mardan Malla	Gagan	Baphikot	3	Daha	38/801	14	485	615	35	7.22	Left	50	1750	115	4025	
55	6+924	6+968	65	Tek kumari mallaa	Suk kumari	Suvas	Baphikot	3	Daha	085/762	80	4505	4505	240	5.33	Right	50	12000	115	27600	
56	7+058	7+121	66	Man b.B.k	Harku malla	Dadabir	Baphikot	3	Daha	85/801	426	1800	380	15	0.83	Left	60	900	115	1725	
57	4+154	4+224	67	Sitala malla	Buddhi Malla	Dhani Ram	Baphikot	1	kote	85/801	284	1095	755	35	3.20	Right	50	1750	115	4025	
58	0+000	0+030	68	Chandra B Khadka	Harke Khadka	Harivan	Baphikot	2	chinkhet	085/801	1181	9965	660/450	300	3.01	Left	50	15000	115	34500	
59	4+363	4+956	69	Sher bir Dahal	Bhima Dahal	Vima	Baphikot	1	taligau	085/801	205	735	350	25	3.40	Right	60	1500	120	3000	
60	6+590	7+210	70	Dirja b. Malla	Khadka Chanda	Gagan	Baphikot	3	Daha	085/762	412	1850	735	115	6.22	Left	60	6900	120	13800	
61	6+412	6+540	71	Tarak b.malla	Mardan Malla	Gagan	Baphikot	3	Daha	085/762	411	1765	1120	130	7.37	Right	60	7800	120	15600	
62	6+540	6+860	72	Bin bahadur malla	Dhanu Malla	Datu	Baphikot	3	Daha	085/762	54	1850	765	240	12.97	Left	60	14400	120	28800	
63	3+154	3+345	73	Top kumari bk	Vum b.bk	N.A	Baphikot	2	Chinkhet	95/801	215	3021	860	515	17.05	Left	60	30900	120	61800	
64	3+390	3+400	74	Tilak b. khadka	Sher b.	MotiRam	Baphikot	2	Chinkhet	95/802	643	1250	425	5	0.40	Right	60	300	120	600	
65	3+400	3+150	75	Sarune Damai	Bhade Damai	Kamaro	Baphikot	2	Chinkhet	95/803	638	2022	1565	230	11.37	Left	60	13800	120	27600	

66	4+562	4+635	76	Kali Damai	Kale	N.A.	Baphikot	1	kote	85/801	476	650	325	25	3.85	Right	60	1500	120	3000	
67	4+635	4+710	77	Buddhiman Roka	Hikabir Roka	Chame	Baphikot	1	kote	85/802	434	1021	175	25	2.45	Left	60	1500	120	3000	
68	4+710	4+810	78	Karna bir pun	Bal b. pun	N.A	Baphikot	1	kote	85/803	480	4201	2905	205	4.88	Right	60	12300	120	24600	
69	4+830	4+900	79	Piyaro kami	pune kami	Hime	Baphikot	1	kote	85/804	498	3654	2785	130	3.56	Left	60	7800	120	1560	
70	4+900	5+150	80	khadke kami	Jannga b.	Bhakte	Baphikot	1	kote	85/805	281	1845	675	5	0.27	Right	60	300	120	600	
71	5+150	5+200	81	Sarki Nepali	Thumara	Birichya	Baphikot	1	kote	85/806	292	650	60	5.00	0.769	Left	60	300.00	120	600	
72	1+037	1+340	82	Netra b.Budhathoki	Hari b.budhathoki	Ran b.	Baphikot	2	chinkhet	85/803	359/389	5940	5940	1900.00	31.99	Both	60	114000.00	120	228000	absentee
73	4+120	4+240	83	Upendra Malla	seru malla	Laxman	Baphikot	2	chinkhet	85/804	349	5045	5045	1250.00	24.78	Right	60	75000.00	120	150000	absentee
74	5+320	5+400	84	prem B.Gharti	Lal Singh Gharti	Sige gharti	Baphikot	2	chinkhet	85/805	316	1105	1105	105.00	9.502	Left	50	5250.00	115	12075	absentee
75	4+240	4+320	85	Lila malla	Gokh B.malla	Ser B.	Baphikot	2	chinkhet	85/806	314	1875	1875	480.00	25.6	Right	50	24000.00	115	55200	absentee
76	5+140	5+190	86	Tirtha man Damai	Thamura Damai	Bude	Baphikot	1	kote	85/805	373	2285	2285	85.00	3.72	Right	60	5100.00	120	10200	absentee
77	4+733	4+898	87	Bir B.B.K	Pathane Kami	Haste	Baphikot	1	kote	85/806	280/479	3250	3250	255.00	7.846	Left	60	15300.00	120	30600	absentee
78	5+600	5+650	88	Primari School			Baphikot	1	kote	85/807	493	150	150	30.00	20	Right	60	1800.00	120	3600	absentee
79	3+777	3+862	89	Bibek kumar Shah	Dhurba Bikram	Thegendra	Baphikot	1	kote	85/808	181	960	960	440.00	45.83	Left	60	26400.00	120	52800	absentee
80	3+724	3+777	90	Dhurba Bikram Shah	Thagendra	Narendra	Baphikot	1	kote	85/809	180	865	865	260.00	30.06	Right	60	15600.00	120	31200	absentee
81	5+658	5+720	91	Rajendra k.shah	Dhubra Bikram	Thagendra	Baphikot	1	kote	85/809	182	2590	2590	140.00	5.405	Left	60	8400.00	120	16800	absentee
82	4+500	4+560	92	Bipan kami	Bal Jit	Haste	Baphikot	1	kote	85/809	171	515	515	40.00	7.767	Right	60	2400.00	120	4800	absentee
83	4+560	4+600	93	Dambere kami	Heme	Dhani Ram	Baphikot	1	kote	85/809	164	1375	1375	375.00	27.27	Left	60	22500.00	120	45000	absentee
84	3+586	3+747	94	Haste Kami	RanBir	Dal bir	Baphikot	1	kote	85/809	121	8130	8130	1580.00	19.43	Right	60	94800.00	120	189600	absentee
85	4+700	4+740	95	Mitra lal kami	Pase	Abire	Baphikot	1	kote	85/809	118	395	395	115.00	29.11	Left	60	6900.00	120	13800	absentee
86	7+612	7+647	96	Damber k. Malla	Khumbu	Dalu	Baphikot	3	Daha	38/801	46	405	405	10.00	2.469	Left	50	500.00	115	1150	absentee
87	4+513	4+580	97	Khadku chanda	Muga	sovan	Baphikot	3	Daha	38/801	126	605	605	50.00	8.264	Right	50	2500.00	115	5750	absentee
88	4+130	4+155	98	Tulasi p. sharma	N.A	N.A	Baphikot	1	kote	85/809	205	735	735	25.00	3.401	Right	50	1250.00	115	2875	absentee

### Appendix 3: List of Affected Household by Loss of Trees (With Estimated Cost )

1. HHNo	2. Chainage		3. Name of Owner	4. Address	5. Plot No	Details of lost trees					Harvesting cost of trees			Transportationcost of trees						19. Total Cost
	From	To				5. Species	6. No.	7. Girth (cm)	8. Hight (m)	9. Volume (Cum)	10. Person Days (PDs)	11. Harvesting Cost	12. Total Harvesting Cost	13. Distance from tree to home	14. Cost of Pds/CuM	15. Cost of PDs/tree	16. District Rate	17. Volume Cost	18. Transportation Cost	
1	7+363	7+416	Hemant dahal	Bafikote	26	Vimal	4	0.4	5	0.03	0.39	97.5	390	50	0.82	0.02	250	5.13	20.50	410.50
3	3+428	3+513	Dhansari kami	Bafikote	1079	Vimal	3	0.2	4	0.01	0.13	32.5	97.5	300	2.82	0.01	250	3.53	10.58	108.08
6	4+375	4+425	karn pariyar	Bafikote	296	vimal	5	0.5	4	0.03	0.39	97.5	487.5	500	4.42	0.14	250	34.53	172.66	660.16
				Bafikote		saa	11	0.5	15	0.12	0.39	97.5	1072.5	500	4.42	0.52	250	129.49	1424.41	2496.91
15	4+530	4+584	khusal ram khatri	Bafikote	250	kotmero	3	0.25	4	0.01	0.13	32.5	97.5	500	4.42	0.03	250	8.63	25.90	123.40
17	4+047	4+094	Indira singh	Bafikote	454	vimal	2	0.2	3	0.00	0.13	32.5	65	500	4.42	0.02	250	4.14	8.29	73.29
19	2+125	3+025	pratap kami	Bafikote	512	jamun	7	0.2	4	0.01	0.13	32.5	227.5	500	4.42	0.02	250	5.53	38.68	266.18
20	5+100	5+205	Ratana b. damai	Bafikote	374	sal	15	0.15	4	0.00	0.13	32.5	487.5	500	4.42	0.01	250	3.11	46.62	534.12
			Ratana b. damai	neta		tuni	6	0.25	3	0.01	0.13	32.5	195	500	4.42	0.03	250	6.47	38.85	233.85
25	7+300	7+363	Bishnu kumari Chanda			sallo	1	0.25	8	0.02	0.13	32.5	32.5	300	2.82	0.04	250	11.02	11.02	43.52
						Vimal	4	0.1	5	0.00	0.13	32.5	130	300	2.82	0.00	250	1.10	4.41	134.41
30	4+094	4+154	Chandra Kali Kami	Bafikote	276	Siudaro	5	0.2	4	0.01	0.13	32.5	162.5	200	2.02	0.01	250	2.53	12.63	175.13
31	3+052	3+105	Hurmati Nepali	Bafikote	504	Vimal	15	0.2	4	0.01	0.13	32.5	487.5	200	2.02	0.01	250	2.53	37.88	525.38
32	3+090	3+163	Damber chanda	Bafikote	313	kotmero	4	0.2	4	0.01	0.13	32.5	130	300	2.82	0.01	250	3.53	14.10	144.10
33	1+718	1+860	Nar b. Chanda	Bafikote	334	kotmero	5	0.2	4	0.01	0.13	32.5	162.5	200	2.02	0.01	250	2.53	12.63	175.13
						bamboo	25			0.00		0	0	200	2.02	0.00	125	0.00	0.00	3150.00
						khaniyo	1	0.2	5	0.01	0.13	32.5	32.5	200	2.02	0.01	250	3.16	3.16	35.66
35	1+475	1+568	Dev b. khadka	Bafikote	331	Vimal	5	0.25	4	0.01	0.13	32.5	162.5	200	2.02	0.02	250	3.95	19.73	182.23
36	1+540	1+660	Tulasa Chanda	Bafikote	360	Chiuri	1	0.5	10	0.08	0.39	97.5	97.5	400	3.62	0.28	250	70.70	70.70	168.20
						Vimal	2	0.2	3	0.00	0.13	32.5	65	400	3.62	0.01	250	3.39	6.79	71.79
						Jamuno	3	0.3	10	0.03	0.13	32.5	97.5	400	3.62	0.10	250	25.45	76.36	173.86
37	3+163	3+223	Damber Malla	Bafikote	335	kotmero	4	0.25	5	0.01	0.13	32.5	130	500	4.42	0.04	250	10.79	43.16	173.16
						sal	10	0.2	6	0.01	0.13	32.5	325	400	3.62	0.03	250	6.79	67.88	392.88
						Patkhari	2	0.25	4	0.01	0.13	32.5	65	400	3.62	0.03	250	7.07	14.14	79.14
39	1+090	1+260	Netra b. budhathoki	Bafikote	358	koiralo	2	0.5	6	0.05	0.39	97.5	195	100	1.22	0.06	250	14.30	28.59	223.59
						Vimal	5	0.6	9	0.10	0.39	97.5	487.5	100	1.22	0.12	250	30.88	154.41	641.91

						saaj	1	0.8	6	0.12	0.52	130	130	100	1.22	0.15	250	36.60	36.60	166.60
						bamboo	50			0.00		0	0	100	1.22	0.00	125	0.00	0.00	6250.00
						sal	20	0.2	12	0.02	0.13	32.5	650	100	1.22	0.02	250	4.58	91.50	741.50
40	3+223	3+371	Dil bahadur Malla	Chinkhet	292	Chiuro	3	0.5	15	0.12	0.39	97.5	292.5	500	4.42	0.52	250	129.49	388.48	680.98
						Githo	1	0.25	4	0.01	0.13	32.5	32.5	300	2.82	0.02	250	5.51	5.51	38.01
						Jamuno	5	0.5	15	0.12	0.39	97.5	487.5	300	2.82	0.33	250	82.62	413.09	900.59
						Koiralo	1	0.3	4	0.01	0.13	32.5	32.5	300	2.82	0.03	250	7.93	7.93	40.43
43	1+041	1+111	Hira singh budathoki	Bafikote	368	sal	5	0.3	5	0.01	0.13	32.5	162.5	200	2.02	0.03	250	7.10	35.51	198.01
						Chiuri	1	2	15	1.88	4	1000	1000	200	2.02	3.79	250	946.88	946.88	1946.88
						Koiralo	4	0.3	5	0.01	0.13	32.5	130	200	2.02	0.03	250	7.10	28.41	158.41
44	2+158	2+259	Khumbu malla	Bafikote 2	354	Sallo	1	0.8	7	0.14	0.52	130	130	500	4.42	0.62	250	154.70	154.70	284.70
45	4+435	4+503	Vum b.b.k	Bafikote	315	Kotmero	2	0.8	5	0.10	0.52	130	260	500	4.42	0.44	250	110.50	221.00	481.00
						bamboo			60	0.00		0	0		0.42	0.00	125	0.00	0.00	7500.00
						chiuri	1	0.2	15	0.02	0.13	32.5	32.5	300	2.82	0.05	250	13.22	13.22	45.72
						vimal	10	0.6	4	0.05	0.39	97.5	975	300	2.82	0.13	250	31.73	317.25	1292.25
46	0+070	0+088	Balkumari malla	Bafikote	641	bakaina	7	0.25	4	0.01	0.13	32.5	227.5	150	1.62	0.01	250	3.16	22.15	249.65
47	2+766	2+921	upendra b. malla	Bafikote	349	bamboo	50			0.00		0	0	50	0.82	0.00	125	0.00	0.00	6250.00
						vimal	4	0.5	3	0.02	0.39	97.5	390	200	2.02	0.05	250	11.84	47.34	437.34
						kotmero	4	0.5	4	0.03	0.39	97.5	390	200	2.02	0.06	250	15.78	63.13	453.13
						bamboo	50			0.00		0	0		0.42	0.00	125	0.00	0.00	6250.00
48	0+002	0+040	Indra bahadur khadka	Bafikote	644	chiuro	1	0.5	5	0.04	0.39	97.5	97.5	500	4.42	0.17	250	43.16	43.16	140.66
49	2+185	2+259	khambe khadka/ kham	Bafikote	367	Saaj	4	0.3	5	0.01	0.13	32.5	130	100	1.22	0.02	250	4.29	17.16	147.16
						sal	10	0.25	6	0.01	0.13	32.5	325	100	1.22	0.01	250	3.57	35.74	360.74
						bamboo	100			0.00		0	0		0.42	0.00	125	0.00	0.00	12500.00
						chiuro	1	0.35	10	0.04	0.39	97.5	97.5	100	1.22	0.05	250	11.68	11.68	109.18
51	4+425	4+473	Bhadre damai	chinkhet	299	Chiuri	2	0.2	10	0.01	0.13	32.5	65	100	1.22	0.02	250	3.81	7.63	72.63
						Siudaro	3	0.1	4	0.00	0.13	32.5	97.5	100	1.22	0.00	250	0.38	1.14	98.64
						Vimal	3	0.15	4	0.00	0.13	32.5	97.5	100	1.22	0.00	250	0.86	2.57	100.07
53	7+900	7+943	Vote Malla	Bafikote D	83	Khaniyo	1	0.12	4	0.00	0.13	32.5	32.5	100	1.22	0.00	250	0.55	0.55	33.05
						Vimal	5	0.1	5	0.00	0.13	32.5	162.5	100	1.22	0.00	250	0.48	2.38	164.88
						Githo	1	0.2	6	0.01	0.13	32.5	32.5	100	1.22	0.01	250	2.29	2.29	34.79
54	7+702	7+747	Tilak prasad Malla	Bafikote-3	84	Tete	20	0.2	8	0.01	0.13	32.5	650	500	4.42	0.04	250	11.05	221.00	871.00
						Vimal	20	0.35	6	0.02	0.39	97.5	1950	500	4.42	0.10	250	25.38	507.61	2457.61
56	7+863	7+893	Khum Kumari malla	Bafikote	56	Vimal	5	0.25	4	0.01	0.13	32.5	162.5	500	4.42	0.03	250	8.63	43.16	205.66
57	7+943	7+983	Man Bahadur Malla	Bafikote	83	Saaj	1	0.6	10	0.11	0.39	97.5	97.5	100	1.22	0.14	250	34.31	34.31	131.81
58	8+011	8+044	Kalu Malla	Daha	86	Vimal	10	0.2	3	0.00	0.13	32.5	325	100	1.22	0.00	250	1.14	11.44	336.44
60	6+702	6+784	Vim bahadur Malla	Daha	24	Vimal	2	0.16	3	0.00	0.13	32.5	65	500	4.42	0.01	250	2.65	5.30	70.30
61	6+502	6+584	Sher Bahadur malla	Daha	426	Timilo	1	0.1	2	0.00	0.13	32.5	32.5	600	5.22	0.00	250	0.82	0.82	33.32
						Vimal	4	0.15	3	0.00	0.13	32.5	130	600	5.22	0.01	250	2.75	11.01	141.01

62	6+501	6+552	lal k. malla	Daha	23	Vimal	5	0.2	5	0.01	0.13	32.5	162.5	500	4.42	0.03	250	6.91	34.53	197.03
63	7+468	7+518	jokha b. Chand	daha	134	Kotemero	2	0.25	6	0.01	0.13	32.5	65	500	4.42	0.05	250	12.95	25.90	90.90
						Vimal	15	0.2	3	0.00	0.13	32.5	487.5	500	4.42	0.02	250	4.14	62.16	549.66
65	6+924	6+968	Tek kumari Chanda	Bafikote 2	80	Vadalo	1	0.15	4	0.00	0.13	32.5	32.5	500	4.42	0.01	250	3.11	3.11	35.61
						Githa	1	0.3	4	0.01	0.13	32.5	32.5	500	4.42	0.05	250	12.43	12.43	44.93
						Vimal	3	0.2	3	0.00	0.13	32.5	97.5	500	4.42	0.02	250	4.14	12.43	109.93
68	0+000	0+030	Chandra Bahadur Kha	Bafikote -	1181	Vimal	30	0.3	4	0.01	0.13	32.5	975	500	4.42	0.05	250	12.43	372.94	1347.94
69	0+540	2+821	Gamthale community	Bafikote		Sallo	11	0.6	20	0.23	0.39	97.5	1072.5	500	4.42	0.99	250	248.63	2734.88	3807.38
69	0+541	2+822	Gamthale community	Bafikote		Sallo	100	0.45	15	0.09	0.39	97.5	9750	500	4.42	0.42	250	104.89	10488.87	20238.87
69	0+542	2+823	Gamthale community	Bafikote		Sallo	250	0.1	4	0.00	0.13	32.5	8125	500	4.42	0.01	250	1.38	345.31	8470.31
69	0+543	2+824	Gamthale community	Bafikote		Sal	400	0.25	5	0.01	0.13	32.5	13000	500	4.42	0.04	250	10.79	4316.41	17316.41
69	0+544	2+825	Gamthale community	Bafikote		Sal	350	0.45	15	0.09	0.39	97.5	34125	500	4.42	0.42	250	104.89	36711.04	70836.04
69	0+545	2+826	Gamthale community	Bafikote		Sal	56	0.55	12	0.11	0.39	97.5	5460	500	4.42	0.50	250	125.35	7019.51	12479.51
69	0+546	2+827	Gamthale community	Bafikote		Sal	60	0.7	15	0.23	0.52	130	7800	500	4.42	1.02	250	253.80	15228.28	23028.28
69	0+547	2+828	Gamthale community	Bafikote		Sal	44	0.2	10	0.01	0.13	32.5	1430	500	4.42	0.06	250	13.81	607.75	2037.75
69	0+548	2+829	Gamthale community	Bafikote		Sal	36	0.35	10	0.04	0.39	97.5	3510	500	4.42	0.17	250	42.30	1522.83	5032.83
69	0+549	2+830	Gamthale community	Bafikote		Sal	50	0.4	8	0.04	0.39	97.5	4875	500	4.42	0.18	250	44.20	2210.00	7085.00
70	5+862	7+147	Salghari community fo	Bafikote		Sal	5	0.25	5	0.01	0.13	32.5	162.5	500	4.42	0.04	250	10.79	53.96	216.46
70	5+863	7+148	Salghari community fo	Bafikote		Sal	4	0.5	20	0.16	0.39	97.5	390	500	4.42	0.69	250	172.66	690.63	1080.63
70	5+864	7+149	Salghari community fo	Bafikote		Sal	1	0.6	10	0.11	0.39	97.5	97.5	500	4.42	0.50	250	124.31	124.31	221.81
70	5+865	7+150	Salghari community fo	Bafikote		Sal	5	0.35	9	0.03	0.39	97.5	487.5	500	4.42	0.15	250	38.07	190.35	677.85
70	5+866	7+151	Salghari community fo	Bafikote		Sal	2	0.35	20	0.08	0.39	97.5	195	500	4.42	0.34	250	84.60	169.20	364.20
70	5+867	7+152	Salghari community fo	Bafikote		Sal	6	0.55	12	0.11	0.39	97.5	585	500	4.42	0.50	250	125.35	752.09	1337.09
70	5+868	7+153	Salghari community fo	Bafikote		Sal	5	0.5	15	0.12	0.39	97.5	487.5	500	4.42	0.52	250	129.49	647.46	1134.96
70	5+869	7+154	Salghari community fo	Bafikote		Sal	4	0.45	12	0.08	0.39	97.5	390	500	4.42	0.34	250	83.91	335.64	725.64
70	5+870	7+155	Salghari community fo	Bafikote		Sal	3	0.3	14	0.04	0.13	32.5	97.5	500	4.42	0.17	250	43.51	130.53	228.03
70	5+871	7+156	Salghari community fo	Bafikote		Sal	7	0.6	15	0.17	0.39	97.5	682.5	500	4.42	0.75	250	186.47	1305.28	1987.78
70	5+872	7+157	Salghari community fo	Bafikote		Sal	3	0.5	14	0.11	0.39	97.5	292.5	500	4.42	0.48	250	120.86	362.58	655.08
70	5+873	7+158	Salghari community fo	Bafikote		Sal	4	0.4	13	0.07	0.39	97.5	390	500	4.42	0.29	250	71.83	287.30	677.30
Total;																				245785.85

#### Appendix 4: Poverty Level Analysis of APs

SN	HH no	Name of HH head	Address	No of plot	Total affected area	Total land holding	% of Land loss	Post project total land holding	Pre-project Food sufficiency Month	Post project food sufficiency month	Family Members	Cost to buy food	Pre project agricultural income	Pre project non- agricultural income	Pre project total income	Pre project per capita income	District per capita income	Pre project poverty Level	Post project agricultural income	Post project non agricultural income	Post project total income	Post project per capita income	Post project poverty level
1	1	Hemanta dahal	Baphikot	1	100	640	15.63	540	10	8.44	6	3000	30000	50000	80000	13333.33	11269.3	1.18	25312.50	50000	75312.50	12552.08	1.11
2	2	Maiku malla	Baphikot	2	35	1620	2.16	1585	10	9.78	5	3000	30000	60000	90000	18000.00	11269.3	1.60	29351.85	60000	89351.85	17870.37	1.59
3	3	Dhansari kami	Baphikot	1	155	1640	9.45	1485	9	8.15	6	3000	27000	50000	77000	12833.33	11269.3	1.14	24448.17	50000	74448.17	12408.03	1.10
4	4	Upadhayay	Baphikot	1	125	4120	3.03	3995	9	8.73	11	3000	27000	100000	127000	11545.45	11269.3	1.02	26180.83	100000	126180.83	11470.98	1.02
5	6	Karn pariyar	Baphikot	1	270	1850	14.59	1580	8	6.83	4	3000	24000	50000	74000	18500.00	11269.3	1.64	20497.30	50000	70497.30	17624.32	1.56
6	7	Durge kami	Baphikot	1	350	4902	7.14	4552	7	6.50	9	3000	27000	80000	107000	11888.89	11269.3	1.05	25072.22	80000	105072.22	11674.69	1.04
7	8	Tasbir kami	Baphikot	2	100	6255	1.60	6155	9	8.86	5	3000	27000	50000	77000	15400.00	11269.3	1.37	26568.35	50000	76568.35	15313.67	1.36
8	9	Chandra b. kc	Baphikot	1	80	9765	0.82	9685	6	5.95	15	3000	18000	400000	418000	27866.67	11269.3	2.47	17852.53	400000	417852.53	27856.84	2.47
9	12	Pasupati Nepali	Baphikot	1	50	5760	0.87	5710	11	10.90	10	3000	33000	80000	113000	11300.00	11269.3	1.00	32713.54	80000	112713.54	11271.35	1.00
10	13	Binaram bk	Baphikot	2	10	15085	0.07	15075	9	8.99	6	3000	27000	70000	97000	16166.67	11269.3	1.43	26982.10	70000	96982.10	16163.68	1.43
11	14	Pasupasi Nepali	Baphikot	1	5	425	1.18	420	8	7.91	5	3000	26000	32000	58000	11600.00	11269.3	1.03	25694.12	32000	57694.12	11538.82	1.02
12	16	Rudra b. malla	Baphikot	2	190	2960	6.42	2770	9	8.42	10	3000	27000	200000	227000	22700.00	11269.3	2.01	25266.89	200000	225266.89	22526.69	2.00
13	17	Indira singh	Baphikot	1	355	2024	17.54	1669	9	7.42	6	3000	27000	100000	127000	21166.67	11269.3	1.88	22264.33	100000	122264.33	20377.39	1.81
14	19	pratap kami	Baphikot	2	400	5776	6.93	5376	9	8.38	15	3000	27000	150000	177000	11800.00	11269.3	1.05	25130.19	150000	175130.19	11675.35	1.04
15	20	Ratna b. damai	Baphikot	1	60	2725	2.20	2665	9	8.80	6	3000	27000	70000	97000	16166.67	11269.3	1.43	26405.50	70000	96405.50	16067.58	1.43
16	26	vim b.kami	Baphikot	1	230	4815	4.78	4585	9	8.57	5	3000	27000	65000	92000	18400.00	11269.3	1.63	25710.28	65000	90710.28	18142.06	1.61
17	27	karna sing bk	Baphikot	2	205	1602	12.80	1397	9	7.85	4	3000	27000	52000	79000	19750.00	11269.3	1.75	23544.94	52000	75544.94	18886.24	1.68
18	30	Chandra Kali Kami	Baphikot	2	180	1670	10.78	1490	6	5.35	4	3000	18000	32000	50000	12500.00	11269.3	1.11	16059.88	32000	48059.88	12014.97	1.07
19	31	Hurmati Nepali	Baphikot	1	270	7540	3.58	7270	6	5.79	9	3000	18000	85000	103000	11444.44	11269.3	1.02	17355.44	85000	102355.44	11372.83	1.01
20	32	damber chanda	Baphikot	2	100	1450	6.90	1350	12	11.17	11	3000	36000	90000	126000	11454.55	11269.3	1.02	33517.24	90000	123517.24	11228.84	1.00
21	33	Nar b. Chanda	Baphikot	1	260	6320	4.11	6060	6	5.75	8	3000	18000	80000	98000	12250.00	11269.3	1.09	17259.49	80000	97259.49	12157.44	1.08
22	35	Dev b. khadka	Baphikot	1	125	2030	6.16	1905	9	8.45	2	3000	27000	20000	47000	23500.00	11269.3	2.09	25337.44	20000	45337.44	22668.72	2.01
23	36	Tulasa Chanda	Baphikot	1	370	9090	4.07	8720	6	5.76	6	3000	18000	60000	78000	13000.00	11269.3	1.15	17267.33	60000	77267.33	12877.89	1.14
24	37	Damber Malla	Baphikot	2	470	8895	5.28	8425	7	6.63	8	3000	21000	70000	91000	11375.00	11269.3	1.01	19890.39	70000	89890.39	11236.30	1.00
25	39	Sarpu chanda	Baphikot	2	125	4625	2.70	4500	6	5.84	5	3000	18000	40000	58000	11600.00	11269.3	1.03	17513.51	40000	57513.51	11502.70	1.02
26	40	Dil bahadur Malla	Baphikot	2	430	6110	7.04	5680	6	5.58	7	3000	18000	65000	83000	11857.14	11269.3	1.05	16733.22	65000	81733.22	11676.17	1.04



27	41	Deumi gharti	Baphikot	1	125	985	12.69	860	12	10.48	9	3000	36000	80000	116000	12888.89	11269.3	1.14	31431.47	80000	111431.47	12381.27	1.10
28	42	malla	Baphikot	1	190	15100	1.26	14910	9	8.89	3	3000	27000	300000	327000	109000.00	11269.3	9.67	26660.26	300000	326660.26	108886.75	9.66
29	43	budathoki	Baphikot	2	410	4365	9.39	3955	10	9.06	6	3000	30000	60000	90000	15000.00	11269.3	1.33	27182.13	60000	87182.13	14530.36	1.29
30	44	Khumbu malla	Baphikot	2	1240	3675	33.74	2435	9	5.96	9	3000	27000	90000	117000	13000.00	11269.3	1.15	17889.80	90000	107889.80	11987.76	1.06
31	46	Balkumari malla	Baphikot	2	195	2355	8.28	2160	9	8.25	7	3000	27000	70000	97000	13857.14	11269.3	1.23	24764.33	70000	94764.33	13537.76	1.20
32	48	khadka	Baphikot	1	35	9280	0.38	9245	9	8.97	5	3000	27000	36000	63000	12600.00	11269.3	1.12	26898.17	36000	62898.17	12579.63	1.12
33	49	Khambe K. Khame	Baphikot	1	20	3285	0.61	3265	10	9.94	7	3000	30000	150000	180000	25714.29	11269.3	2.28	29817.35	150000	179817.35	25688.19	2.28
34	51	Bhadre damai	Baphikot	2	85	8890	0.96	8805	12	11.89	15	3000	36000	145000	181000	12066.67	11269.3	1.07	35655.79	145000	180655.79	12043.72	1.07
35	52	Bijaya B Malla	Baphikot	2	120	2635	4.55	2515	12	11.45	8	3000	36000	75800	111800	13975.00	11269.3	1.24	34360.53	75800	110160.53	13770.07	1.22
36	53	Vote Malla	Baphikot	1	150	4150	3.61	4000	11	10.60	9	3000	33000	75000	108000	12000.00	11269.3	1.06	31807.23	75000	106807.23	11867.47	1.05
37	54	Tilak prasad Malla	Baphikot	2	720	6400	11.25	5680	12	10.65	6	3000	36000	55000	91000	15166.67	11269.3	1.35	31950.00	55000	86950.00	14491.67	1.29
38	55	Tek Bahadur Malla	Baphikot	2	350	2000	17.50	1650	12	9.90	6	3000	36000	60000	96000	16000.00	11269.3	1.42	29700.00	60000	89700.00	14950.00	1.33
39	56	malla	Baphikot	1	360	2360	15.25	2000	11	9.32	4	3000	33000	35000	68000	17000.00	11269.3	1.51	27966.10	35000	62966.10	15741.53	1.40
40	57	Malla	Baphikot	1	150	3495	4.29	3345	6	5.74	7	3000	18000	70000	88000	12571.43	11269.3	1.12	17227.47	70000	87227.47	12461.07	1.11
41	58	Kalu Malla	Baphikot	2	620	3450	17.97	2830	10	9.00	4	3000	30000	50000	80000	20000.00	11269.3	1.77	24608.70	50000	74608.70	18652.17	1.66
42	60	Vim bahadur Malla	Baphikot	1	320	7675	4.17	7355	9	8.62	8	3000	27000	80000	107000	13375.00	11269.3	1.19	25874.27	80000	105874.27	13234.28	1.17
43	61	malla	Baphikot	2	105	2430	4.32	2325	12	11.48	2	3000	36000	20000	56000	28000.00	11269.3	2.48	34444.44	20000	54444.44	27222.22	2.42
44	62	lal k. malla	Baphikot	1	410	3715	11.04	3305	9	8.01	1	3000	27000	20000	47000	47000.00	11269.3	4.17	24020.19	20000	44020.19	44020.19	3.91
45	63	jokha b. Chand	Baphikot	2	160	3710	4.31	3550	12	11.48	4	3000	36000	20000	56000	14000.00	11269.3	1.24	34447.44	20000	54447.44	13611.86	1.21
46	64	Panna k. malla	Bafikote	2	185	2430	7.61	2245	8	7.39	6	3000	24000	59000	83000	13833.33	11269.3	1.23	22172.84	59000	81172.84	13528.81	1.20
47	65	Chanda	Baphikot	1	240	4505	5.33	4265	8	7.57	2	3000	24000	20000	44000	22000.00	11269.3	1.95	22721.42	20000	42721.42	21360.71	1.90
48	66	man Bahadur b.k	Baphikot	1	15	1800	0.83	1785	12	11.90	14	3000	36000	150000	186000	13285.71	11269.3	1.18	35700.00	150000	185700.00	13264.29	1.18
49	67	Sitala malla	Baphikot	1	35	1095	3.20	1060	9	8.71	5	3000	27000	45000	72000	14400.00	11269.3	1.28	26136.99	45000	71136.99	14227.40	1.26
50	68	Khadka	Baphikot	3	300	9965	3.01	9665	9	8.73	7	3000	27000	60000	87000	12428.57	11269.3	1.10	26187.16	60000	86187.16	12312.45	1.09
51	69	Sher bir Dahal	Baphikot	1	25	735	3.40	710	10	9.66	6	3000	30000	80000	110000	18333.33	11269.3	1.63	28979.59	80000	108979.59	18163.27	1.61
52	11	Dhani kami	Bafikote	1	30	1345	2.23	1315	10	9.78	6	3000	30000	55000	85000	14166.67	11269.3	1.26	29330.86	55000	84330.86	14055.14	1.25
53	15	khusal Ram Khatri	Bafikote	1	90	2254	3.99	2164	11	10.56	6	3000	33000	60000	93000	15500.00	11269.3	1.38	31682.34	60000	91682.34	15280.39	1.36
54	20	Ratne b. Damai	Bafikote	1	140	2725	5.14	2585	9	8.54	5	3000	27000	36000	63000	12600.00	11269.3	1.12	25612.84	36000	61612.84	12322.57	1.09
55	22	oelo kami	Bafikote	1	490	3040	16.12	2550	10	8.39	4	3000	30000	30000	60000	15000.00	11269.3	1.33	25164.47	30000	55164.47	13791.12	1.22
56	23	Chaiti kami	Bafikote	1	40	540	7.41	500	8	7.41	6	3000	24000	50000	74000	12333.33	11269.3	1.09	22222.22	50000	72222.22	12037.04	1.07
57	25	Bisnu k. chanda	Bafikote	2	150	4030	3.72	3880	11	10.59	4	3000	33000	55000	88000	22000.00	11269.3	1.95	31771.71	55000	86771.71	21692.93	1.92
58	34	Karna b. nepali	Bafikote	2	5	115	4.35	110	2	1.91	4	3000	6000	60000	66000	16500.00	11269.3	1.46	5739.13	60000	65739.13	16434.78	1.46
59	69	Chotelal kc	Bafikote	1	230	2850	8.07	2620	9	8.27	6	3000	27000	60000	87000	14500.00	11269.3	1.29	24821.05	60000	84821.05	14136.84	1.25
60	70	Dhirja b. malla	Bafikote	2	115	1850	6.22	1735	9	8.44	6	3000	27000	60000	87000	14500.00	11269.3	1.29	25321.62	60000	85321.62	14220.27	1.26
61	71	Tarak b. malla	Bafikote	1	130	1765	7.37	1635	10	9.26	5	3000	30000	60000	90000	18000.00	11269.3	1.60	27790.37	60000	87790.37	17558.07	1.56
62	72	Bin b.Malla	Bafikote	1	240	1850	12.97	1610	10	8.70	6	3000	30000	60000	90000	15000.00	11269.3	1.33	26108.11	60000	86108.11	14351.35	1.27
63	73	Top kumari bk	Bafikote	1	515	3021	17.05	2506	9	7.47	6	3000	27000	50000	77000	12833.33	11269.3	1.14	22397.22	50000	72397.22	12066.20	1.07
64	74	Tilak b. khadka	Bafikote	1	5	1250	0.40	1245	11	10.96	7	3000	33000	70000	103000	14714.29	11269.3	1.31	32868.00	70000	102868.00	14695.43	1.30

65	75	sarune Damai	Bafikote	1	5	2022	0.25	2017	10	9.98	6	3000	30000	70000	100000	16666.67	11269.3	1.48	29925.82	70000	99925.82	16654.30	1.48
66	76	kali Damai	Bafikote	1	25	650	3.85	625	10	9.62	8	3000	30000	80000	110000	13750.00	11269.3	1.22	28846.15	80000	108846.15	13605.77	1.21
67	77	buddhiman roka	Bafikote	1	25	1021	2.45	996	9	8.78	6	3000	27000	65000	92000	15333.33	11269.3	1.36	26338.88	65000	91338.88	15223.15	1.35
68	78	karnabir pun	Bafikote	1	205	4201	4.88	3996	10	9.51	7	3000	30000	60000	90000	12857.14	11269.3	1.14	28536.06	60000	88536.06	12648.01	1.12
69	79	pyro kami	Bafikote	1	130	3654	3.56	3524	10	9.64	5	3000	30000	45000	75000	15000.00	11269.3	1.33	28932.68	45000	73932.68	14786.54	1.31
70	80	khadke kami	Bafikote	1	5	1845	0.27	1840	10	9.97	6	3000	30000	50000	80000	13333.33	11269.3	1.18	29918.70	50000	79918.70	13319.78	1.18
71	81	Sarki Nepali	Bafikote	1	5	650	0.77	645	8	7.94	4	3000	24000	40000	64000	16000.00	11269.3	1.42	23815.38	40000	63815.38	15953.85	1.42

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