

Social Monitoring Report

Semiannual Report

Loan Number: 3139 NEP SF July-December, 2016

Nepal: South Asia Subregional Economic Cooperation (SASEC) Power System Expansion Project

Prepared by the Government of Nepal for the Asian Development Bank.

This Social Monitoring Report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature. Your attention is directed to the "terms of use" section of this website.

In preparing any country program or strategy, financing any project, or by making any designation of or reference to a particular territory or geographic area in this document, the Asian Development Bank does not intend to make any judgments as to the legal or other status of any territory or area.

CURRENCY EQUIVALENTS
14 December 2016

Currency unit	-	Nepalese Rupee (NRs) NRs1.00 - \$ 0.00924
US \$1.00	-	NRs 108.17.

ABBREVIATIONS

ADB	-	Asian Development Bank
CRIPP	-	Combined Resettlement and Indigenous People Plan
CDO	-	Chief District Officer
CDC	-	Compensation Determination Committee
DDR	-	Due Diligence Report
DLSO	-	District Land Survey Office
DLRO	-	District Land Revenue Office
DSC	-	Design and Supervision Consultant
DPR	-	Detail Project Report
ESSD	-	Environment and Social Study Division
EMP	-	Environmental Management Plan
FY	-	Fiscal Year
GoN	-	Government of Nepal
GRC	-	Grievance Redress Committee
GRM	-	Grievance Redress Mechanism
GESIP	-	Gender Equality and Social Inclusion Plan
HHs	-	Households
NEA	-	Nepal Electricity Authority
IEE	-	Initial Environmental Examination
IR	-	Involuntary Resettlement
MoE	-	Ministry of Energy
NRs	-	Nepali Rupees
PMD	-	Project Management Directorate
PIU	-	Project Implementation Unit
PMU	-	Project Management Unit
PSC	-	Project Supervision Consultant
PCU	-	Project Coordination Unit
RP	-	Resettlement Plan
RF	-	Resettlement Frameworks
SASEC	-	South Asia Sub regional Economic Cooperation
SD	-	Safeguard Desk
SPS	-	Safeguard Policy Statement
TL	-	Transmission Line
OSPF	-	Office of Special Project Facilitator

NOTES:

The fiscal year (FY) of the Government of Nepal and its agencies ends on 16 July. FY before a calendar year denotes the year in which the fiscal year ends, e.g., FY 2016 ends on 16 July 2016.

Table of Contents

1.	Background	1
2.	Physical progress of the project activities.....	2
3.	Resettlement impacts.....	2
4.	Communication and participation	3
5.	Objective, methods and scope of semiannual monitoring.....	4
	5.1 Objective.....	4
	5.2 Methods of semiannual monitoring	4
	5.3 Scope of semiannual monitoring	4
6.	Changes in the project scope and adjusted safeguard measures.....	4
7.	Qualitative and quantitative monitoring data.....	4
8.	Monitoring indicators and parameters:	4
	8.1 Resettlement impact categorization	4
9.	Semiannual monitoring results.....	5
	9.1 Progress on documentation and approval.....	5
	9.2 Progress on compensation distribution	5
	9.3 Redresses of grievances	6
10.	Monitoring of CRIPP implementation activities	6
	10.1 Monitoring plan and activities planned.....	6
	10.2 Livelihood restoration and enhancement	6
	10.3 Ensuring IPs identity, human right, livelihood and cultural uniqueness	6
	10.4 Relocation, income restoration and entitlements.....	7
	10.5 Resettlement budget	7
	10.6 Institutional arrangement of monitoring.....	7
11.	Corrective action plan for major gaps	7
12.	Proposed major item of focus for next report.....	7

List of Tables

Table 1: Details of subproject’s physical progress.....	2
Table 2: Resettlement impact on grid sub stations.....	3
Table:3 Documentation status.....	5
Table 4: Progress on compensation distribution	5
Table: 5 Details of grievances.....	6
Table 6: Focus for next safeguard monitoring report.....	Error! Bookmark not defined.

List of Appendix

- Annex A: Status of loan covenant
- Appendix B: List of compensation payment in substation
- Appendix C: Photographs
- Appendix D: Entitlement matrix

1. Background

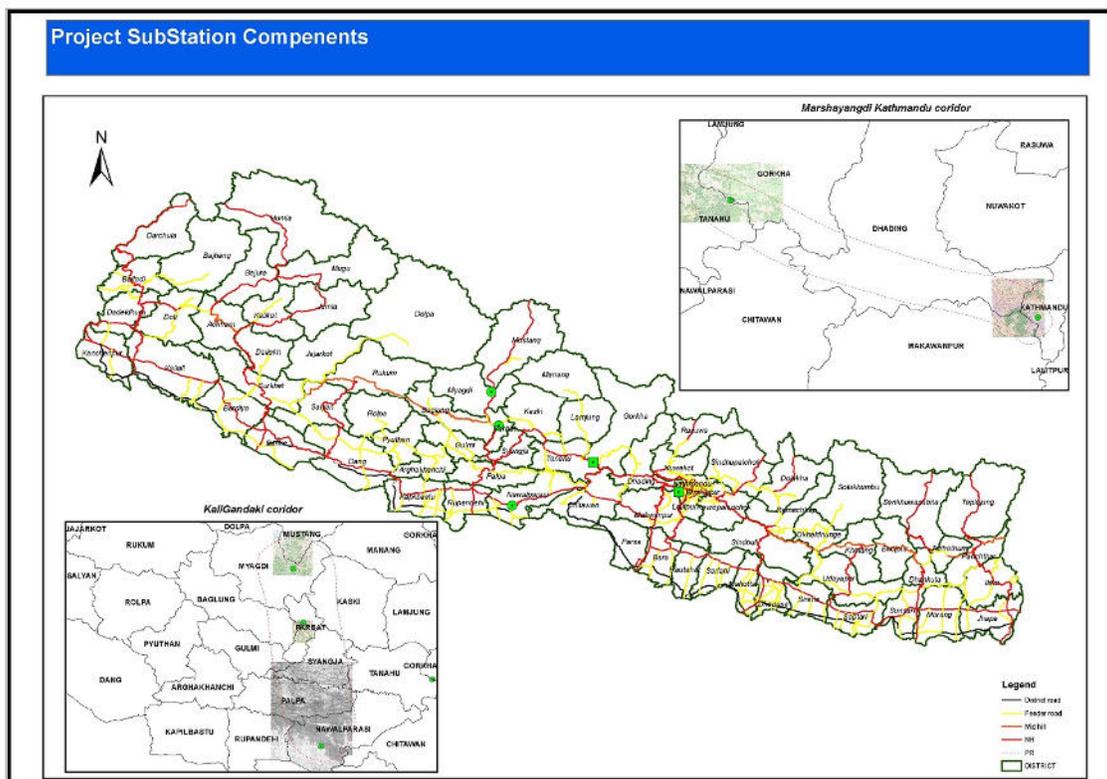
South Asia Subregional Economic Cooperation (SASEC) Power System Expansion Project (Project) is financed by ADB and implemented by NEA. The Project seeks to address the urgent needs of the Nepal power system. As such, the project targets the strengthening and expansion of transmission system to enable Nepal to further benefit from power trading and development of its abundant hydropower resources. The project, focuses on transmission network strengthening and expansion, in conjunction with current hydropower, which is a precondition to reducing load shedding and increase cross border electricity trade. The project basically comprises three components.

- (i) Transmission system expansion, including new transmission lines and substations which will facilitate cross-border power exchange and future power exports, and augmentation of existing substations to improve grid efficiency;
- (ii) Distribution system expansion; and
- (iii) Renewable energy (RE) based mini-grids in remote villages

Even though the SASEC power system expansion project constitutes broader project outputs, the specific outputs of NEA components constitute the following.: (i) Power transmission capacity from Kali Gandaki basin, Marsyangdi basin, Marsyangdi to Kathmandu basin (iv) Capacity development support to Nepal Electricity Authority (NEA). A separate CRIPP of components i and ii was prepared during project preparation period by NEA.

Based on final detail design the draft CRIPP of substation component is being updated. This semiannual safeguard monitoring report (SMR) looks into the implementation status progress overview and safeguard monitoring and its results as outlined in the CRIPP.

Figure 1 Subproject location.



2. Physical progress of the project activities

Contract award for the civil work of Dana-Kusma TL alignment and Marshangdi – Kathmandu transmission line including substation at Matatirtha, Dana and Khurkot have been completed. The design work of substations components have been submitted by contractor and approved by NEA. Similarly, the tower design and its approval process of both TL alignment is about to complete. The project has handed over construction sites to the contractor for substation components and physical construction work are ongoing. Similarly, based on contract clause, contractor is doing verification of land and other associated structures fall on TL RoW and tower footing. Likewise, the land identification under RoW of Kaligandaki Corridor is completed (notice published) and loss assessment of Marshyangadi – Kathmandu TL alignment is continued. In areas where the project has acquired land and compensation payments have been completed, the contractor has been carrying out civil works. Similarly, the areas where land acquisition and compensation payment is in process the civil works has not commenced. The key physical progress of the projects are presented below.

Table 1: Subproject’s physical progress

S.N	Subproject	Progress
Kaligandaki Corridor		
1	Dana - Kusma 220kV transmission line, and substations at Dana, Kusma	<ul style="list-style-type: none"> • Land acquisition and compensation payment of Dana and Kusma substations are almost completed • Final check survey completed • Tower design completed • Tower foundation design works completed • Notice for land acquisition for tower foundations is issued • Site preparation of Dana and Khurkot substation is ongoing • Site clearance and land leveling work of Khurkot substation is completed • Design of Khurkot station is completed • Geotechnical investigation and substations design of Dana substation is completed.
2	Kusma - New Butwal 220kV transmission line, and substation at New Butwal - New Butwal - Bardaghat 400kV transmission line, and substation at Bardaghat	<ul style="list-style-type: none"> • Contractor is yet to be on board • Check survey is not commenced yet • Land acquisition and compensation payment for Bardaghat substation is almost completed • IEE study is ongoing
Marshyangdi- Kathmandu Transmission Line		
3	Marki Chowk- Matatirtha- 220kV transmission line, and associated bay extension at Matatirtha Trishuli 3B Transmission Hu	<ul style="list-style-type: none"> • Compensation payment of Markichowk and Matatirtha grid substation almost completed • Final check survey completed • Tower design works completed • Tower foundation design work completed • Identification of land parcels for tower foundation and route alignment is ongoing

Source: Project Management Directorate (PMD), Nepal Electricity Authority 2016

3. Resettlement impacts

Involuntary resettlement impacts have been observed in both substations and transmission line components. Impact on land and private houses have been observed in Dana, Kusma, Bardaghat,

Markichowk, and New Butwal substations. Based on the consultation with affected persons during the field visit, the acquisition of land with adequate compensation may not likely to create adverse impact on indigenous people. Altogether 264 households have been affected by land acquisition in substation components. Similarly, construction of transmission line of Dana –Kusma, Kusma – Bardaghat and Marshyangdi – Kathmandu pose restriction on land. Till the reporting period 125 number of houses have been identified in Dana- Kusma TL alignment (notice published for compensation) and loss assessment of Marshyangdi Kathmandu TL is ongoing. The details of resettlement impact is mentioned in following table.

Table 2: Resettlement impact on grid sub stations

S.N.	Name of subproject	No. of hhs impact on land	No. of hhs impact on structure	Land acquired	Total affected hhs
1	Dana substation	18	0	8.00	18
2	Kusma	84	1 ¹	7.88	85
3	Bardagahat	8	0	12.88	8
4	Markichowk	21	5 ²	2.88	26
5	Matatirtha	133	12 ³	1.37	145
	Total	264	18	33.01	282

Source: Project Management Directorate (PMD), Nepal Electricity Authority 2016

¹ the structure owner also affected on land

² the structure owner also affected on land

³ the structure owner also affected on land

4. Communication and participation

Communication with affected persons (AP) including project related stakeholders is continue. During the reporting period, four formal meetings were held (two in Kusma substation and one each in Kaligandaki corridor and Marshyangdi – Kathmandu TL) Likewise, many unstructured/informal meetings were also held as required. During the consultation meetings participants were APs and their family members, representatives of political parties, school teachers, and community leaders. Following key messages were communicated during consultation meetings

- Project's information and status
- Project's entitlements and benefits
- Project's impacts and proposed mitigation measures
- Project's physical progress and likely to have resettlement impacts
- Process of compensation determination in accordance to Land Acquisition Act 1977
- Methods applied to reduce involuntary resettlement impacts
- Procedure of grievances handling

However, NEA requires to expedite communication and information dissemination works in field level in more effective way. The approach of communication through booklets, project brochure, and other electronic media are required. Similarly, the project requires establishing proper recoding system of meeting minutes, photographs and disclosures.

5. Objective, methods and scope of semiannual monitoring

5.1 Objective

The objective of this Semiannual monitoring report is to assess the progress on safeguard implementation including: (i) compensation payment, (ii) displacement of affected housing/structures and rehabilitation, (iii) review of the consultation and disclosure processes, (iv) grievances redress mechanisms (v) restoration of livelihood of the affected persons/households (vi) verify whether the objective of IR safeguard are achieved.

5.2 Methods of semiannual monitoring

This safeguard implementation monitoring report has been prepared through the methods of consultation with project staff in PMU at PMD, contractor's representatives, and by compiling the compensation distribution records from project office. Similarly, information received from the field has been also incorporated. Particular attention has been paid to affected households who have lost substantial land and houses in substations. The spot check method has also been followed by observing and interviewing some affected households during field visit.

5.3 Scope of semiannual monitoring

This semiannual report includes the status of safeguard implementation activities in SASEC power expansion project covering the period from July to December 2016. Similarly, the report also presents the information of different components including land acquisition and implementation of CRIPP activities. Additionally, it also ensures safeguard provision and verification as applicable.

6. Changes in the project scope and adjusted safeguard measures

The location of grid substation of Butwal has been changed and shifted at Bardaghat.??? Despite change of substation location, the project's original scope has not been changed. Hence, the categorization of project in terms of social safeguards has not been changed.

7. Qualitative and quantitative monitoring data

The monitoring report contains both quantitative and qualitative information. The quantitative information has been collected from project office at central level and relevant field offices. Similarly, the qualitative information is collected from the field observation, interview with project affected peoples, consultation and discussion with the project officials, stakeholders and information during meeting/dissemination etc.

8. Monitoring indicators and parameters:

8.1 Resettlement impact categorization

Resettlement impacts in all subprojects have been screened and classified by using ADB SPS 2009 classification system as follows:

- a) **Category A:** If the proposed subproject is likely to have significant involuntary resettlement impacts to 200 or more persons will be physically displaced from home,
- b) 200 or more persons lose 10% or more of their productive or income generating assets or 200 or more persons experience a combination of both.
- c) **Category B:** if the proposed subproject includes involuntary resettlement impacts that are not deemed significant.
- d) **Category C:** The proposed subproject has no involuntary resettlement impact.
- e) In addition, any voluntary donation was verified by an independent third party to in

accordance with the project resettlement framework.

The monitoring is based on established benchmarks for safeguard monitoring and provision mentioned in CRIPP. Mainly, compensation payment, delivery of entitlements, consultations, grievance management, livelihood and income restoration, budgeting and human resource for CRIPP implementation are focused in this monitoring report.

9. Semiannual monitoring results

9.1 Progress on documentation and approval

ADB Safeguard Policy Statement (SPS) 2009 requires to prepare involuntary resettlement reports, and safeguard monitoring reports and uploaded as open domain. Draft Combined Resettlement and Indigenous Peoples Plan (CRIPP) for transmission components was prepared in project preparatory time and submitted to ADB. Similarly, updated CRIPP and semiannual safeguard monitoring reports are in under preparation. The following table presents progress on documentation and its approval status.

Table 3: Documentation Status.

ADB requirements	Documentation/Approval Status
Preparation of RIPP	Draft approved and uploaded in ADB domain
Preparation of updated of CRIPP	Under preparation and yet to be finalized and approved
Preparation of SMR reports	Under preparation

Source: Project Management Directorate (PMD), Nepal Electricity Authority 2016

9.2 Progress on compensation distribution

The compensation distribution of substations part is almost completed. However, two households (one from Kusma and other from Bardaghat) have yet to receive compensation for land acquisition. The household in Kusma substation lacks required legal document and the land owner of Bardagath substation has sub judice at court relating to his land. The contractor is doing loss assessment of land and other associated structures fall under RoW of TL alignment and tower footings. The progress on compensation distribution of substation component is summarized in below table.

Table 4: Progress on compensation distribution

S.N.	Name of subproject	No. of hhs impact on land	No. of hhs impact on structure	Area of land acquired	Total affected hhs	Compensation received hhs
1	Dana	15	0	8.00	15	15
2	Kusma	84	1 ¹	7.88	84	81
3	Bardagahat	8	0	12.88	8	5
4	Markichowk	21	5 ²	2.88	21	21
5	Matatirtha	133	12 ³	1.37	133	130

Source: Project Management Directorate (PMD), Nepal Electricity Authority 2016

¹ the structure owner also affected on land

² the structure owner also affected on land

³ the structure owner also affected on land

9.3 Redresses of grievances

A grievance redress mechanism (GRM) has been established to receive, evaluate, and facilitate the resolution of affected people's concerns, complaints, and grievances about the social and environmental performance at the level of the project. The CRIPP has outlined three stages of mechanism for grievance handling. It is expected that GRC helps to minimize, ease to solve the grievances, and facilitate the compensation distribution process. However, these stages aren't formally established in field level. The PM of each project needs to initiate early to establish formal mechanism (as outlined in CRIPP) to address grievances in project level. Till date two grievances have been filed in project office. The status and details of grievances are summarized as below.

Table: 5 Details of Grievances

Sub project	Name of complainant	Details of grievance	Action taken	Status
Marshyangdi - Kathmandu TL	Naresh Khatiwada	Request to shift AP location as TL passes through flat terrain cultivated land	Continuous consultation conducted with the person and other stakeholders. Similarly, contractor identified the alternative tower footing location to avoid the impact	settled
Kaligandaki Corridor, Dana-Kusma TL	People from AP 9 A to 16	Request to shift AP location that passes through flat cultivated land	Contractor explored and proposed alternative route to avoid RoW issue.	settled

Source: Project Management Directorate (PMD), Nepal Electricity Authority 2016

10. Monitoring of CRIPP implementation activities

10.1 Monitoring plan and activities planned

Project supervision consultant has been mobilized to monitor and review CRIPP implementation. The PSC has intermittent input of social safeguard specialist for periodic monitoring and reporting. The PMU in PMD is taking responsibility for overall planning, coordination and implementation of social safeguard and resettlement activities including land acquisition. The PIU in field is taking primary responsibility for the social assessment as well as implementation of CRIPP in consultation with PMU. For the smooth implementation of CRIPP and livelihood restoration measures, the PMU has signed a memorandum of understanding with ESSD. The ESSD experts will support PIU for safeguard implementation and reporting.

10.2 Livelihood restoration and enhancement

Recently experts through ESSD are on board to implement safeguard programs including training and capacity development for AP/DP for the PIU and PMD of NEA. The experts are reviewing the provision made in CRIPP and updating database of AP to conduct life skill trainings and income restoration programs. The ESSD will conduct training need assessment and operate such income restoration programs to AP.

10.3 Ensuring IPs identity, human rights, livelihood and cultural uniqueness

As the project is not likely to have major impacts, it may not generate major issues related to identity of Indigenous People (IP), human rights and cultural uniqueness. However, the project has made provisions of livelihood enhancing training to the vulnerable including significantly displaced

households. The experts through ESSD will prepare the database and conduct livelihood enhancement training to vulnerable and severely affected households.

10.4 Relocation, income restoration and entitlements

Among five grid sub stations, seven households from three grid stations have experienced physical displacement. The loss assessment of RoW under TL alignment and tower footing is continued and yet to identify the numbers of houses require to dislocate. The project has paid compensation at replacement cost prior to displacement without depreciating cost including shifting and housing allowances provision made in entitlement. Similarly, the project has distributed allowances as made in entitlement matrix such as vulnerability, female headed, disability of family members. However, the livelihood restoration and income generating training programs are not started. Experts mobilized from ESSD are updating database of AP. The project has ensured that the training programs for income restoration will be started from next fiscal year.

10.5 Resettlement budget

NEA shall ensure allocation of funds and availability of resources for smooth implementation of project resettlement activities. This provision of CRIPP has been met and NEA has ensured the availability of adequate budget for land acquisition and implementation of resettlement activities.

10.6 Institutional arrangement of monitoring

PMU/PIU under PMD has been established to expedite project activities including implementing resettlement plans. The institutional arrangement for implementing and monitoring safeguard is sufficient but activate of each unit/expert is required urgently to implement and monitoring. The establishment of safeguard unit in central level is yet to done. However, PMU has deputed a focal person to undertake land acquisition and grievance handling. Recently, PSC is on board to supervise project physical activities including implementation of resettlement plans, update database and ensure progress towards the desired outcomes. However, the safeguard experts from PSC has not mobilized yet. Similarly, experts from ESSD require to expedite the implementation activities including reporting.

11. Corrective action plan for major gaps

The implementation of CRIPP is continued. Some provision /requirement of CRIPP is yet to furnish implementing safeguard programs/plans. Among others, the following are key corrective actions need to be followed by the project in order to further improvement on the safeguard monitoring activities:

- a. Establishment of Safeguard Unit under PMD and mobilization of safeguard specialist from PSC.
- b. Prepare database of AP to implement safeguard programs and submit updated Resettlement Plan Indigenous People of TL alignment
- c. Detail information on indigenous, vulnerable households of other categories like (BPL HHS, more than 10% land loss HHs, women headed households, HHs having persons with disabilities , significantly affected households).
- d. Collection of evidences of compensation paid to displaced households (copy to be received from District Administration Office and Land Revenue office)
- e. Meeting minutes, submitted grievances and decisions made by the, GRC, CDO others
- f. Timely submission of semiannual safeguard monitoring reports.

12. Proposed major item of focus for next report

The next semiannual report will be focused on the progress of implementing safeguard activities as summarizes below

- Speed up compensation payment along Kaligandaki Corridor and Mayshyangdi – Kathmandu transmission line
- Implementation of livelihood restorations programs and capacity building trainings
- Record keeping system and database of safeguard implementation
- Speed up of updating CRIPP
- Timely submission of monthly, trimester and semiannual report

Appendixes

Annex A

Compliance with Loan Covenants

Loan covenants	Status of Compliance
The project has complied with the ADB safeguard policy statement 2009 and land acquisition act 1977 and overall relevant laws and policies	The project has complied with the ADB safeguard policy statement 2009 and land acquisition act 1977 and overall relevant laws and policies
The Borrower shall establish and maintain, grievance redress mechanism acceptable to ADB for the purpose of addressing any grievances arising out of the Project, including those from affected peoples concerning land acquisition, environment and any other social issues in a timely manner.	GRM in field level has been established but need to activate to address grievance in timely manner
The Borrower shall ensure that no Works contract which involves impacts on indigenous peoples is awarded until the Borrower and NEA have prepared and submitted to ADB the final RIPP, and obtained ADB's clearance of such RIPP.	The project is categorized as C in IPP impact.
The Borrower shall make available, necessary budgetary and human resources to fully implement the EMP and the RIPP	The project has made available budgets for implementing social and environmental measures but the human resources are yet to be placed in PMD level.
The Borrower shall ensure that all land and all rights-of-way required for the Project, each Subproject and all Project facilities are made available to the Works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (a) all applicable laws and regulations of the Borrower relating to land acquisition and involuntary resettlement; (b) the Involuntary Resettlement Safeguards; (c) the RF (for Subprojects); and (d) all measures and requirements set forth in the RIPP, as appropriate, and any corrective or preventative actions set forth in the Safeguards Monitoring Report	The project has complied with the ADB safeguard policy statement 2009 and land acquisition act 1977 and overall relevant laws and policies
The Borrower shall submit semiannual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission;	This is first SMR report prepared and submitted to ADB.
The Borrower shall ensure that (a) the GESIP is implemented in accordance with its terms; (b) the bidding documents and contracts include relevant provisions for contractors to comply with the measures set forth in the GESIP; (c) adequate resources are allocated for implementation of the GESIP; and (d) progress on implementation of the GESIP, including progress toward achieving key gender outcome and output targets, are regularly monitored and reported to ADB	The bidding document has prepared in compliance with GESIP requirements of project and adequate budget has allocated to implement it.
The Borrower shall ensure that contractors, comply with all applicable labor, health, and safety laws and regulations of the Borrower and, in particular, (a) do not employ child labor for construction and maintenance activities, and (b) provide appropriate facilities (latrines, etc.) for workers at construction sites. The Borrower shall require contractors not to differentiate	The project has complied with relevant applicable labor, health and safety laws. No difference in wages for same work

wages between men and women for work of equal value. The Borrower, shall ensure that specific clauses shall be included in bidding documents to ensure adherence to these provisions, and that compliance shall be strictly monitored during Project implementation	
---	--

Annex B**List of compensation payment in Markichowk substation**

S.N.	Ward no	Parcel no	Area	Area to be acquired	Rate	Total cost	Compensation of structure	Total compensation cost
1	Dadhi Maya Gurung	44	4-9-9-0	4.562	800000	3,649,600	190065	3,839,665
2	Maya Gurung	55	3-7-1-5	3.473	1000000	3,473,000		3,473,000
3	Amrit Gurung	862	7-8-2-1	0.535	1000000	535,000		535,000
4	Nar Bahadur Gurung	863	7-8-2-1	0.535	1000000	535,000		535,000
5	Maha Maya Gurung	864	7-5-6-1	0.353	1000000	353,000		353,000
6	Chandra Maya Gurung	865		0.27	1000000	270,000		270,000
7	Sanu Babu Gurung	866		0.266	1000000	266,000		266,000
8	Krishna Raj Kadil	57	2-1-3-3	2.121	1200000	2,545,200		2,545,200
9	Dhan Maya Gurung	58	2-5-3-0	2.344	1200000	2,812,800	766136	3,578,936
10	Kumari Gurung	59	10-4-2-1	10.293	1250000	12,866,250		12,866,250
11	Punyawoti Panta	60	2-5-2-3	2.355	1000000	2,355,000		2,355,000
12	Gopal Namjali Magar	63	2-11-1-1	2.707	800000			2,165,600

						2,165,600		
13	Ratnaman Sharestha	64	1-11-2-3	1.727	800000	1,381,600		1,381,600
14	Ratnaman Sharestha	65	1-11-7-1	1.816	800000	1,452,800		1,452,800
15	Mohan Bahadur Bhujal	88	1-13-2-2	1.105	1000000	1,105,000		1,105,000
16	Suk Bahadur Chomimagar	392		4.48	1000000	4,480,000		4,480,000
17	Rajkumar Sharestha	393	9-11-1-3	9.711	1000000	9,711,000	239383	9,950,383
18	Bhu Maya Namejali	472	1-9-3-0	1.609	800000	1,287,200		1,287,200
19	Bhu Maya Namejali	473	1-9-3-0	1.594	1000000	1,594,000		1,594,000
20	Bishwo Gurung	805		0.5	1000000	500,000	414629	914,629
21	Suk Bahadur Chomimagar	806	6-19-2-1	6.742	800000	5,393,600	244755	5,638,355
	Total			59.281		58913650	1854971	60,768,621

List of compensation payment in Dana substation

S.N	Land Owner Name	Parcel no	Total Area				To be Acquire land				Lands Type	Compensation per Ropani	Total Compensation Amount	Remark	
							Area								Side
			Ropani	Aana	Paisa	Dam	Ropani	Aana	Paisa	Dam					
1	Land owners name														
1	Shyam Pd.Tulachan	97	5	5	3	2	5	5	3	2	All	Sim	450,000	2,415,234	
2	Jagat Bdr.Tulachan	86	6	9	0	0	6	9	0	0	All	Sim	150,000	984,375	
3	Dirga Pd. Tulachan	99	4	3	3	1	4	3	3	1	All	Doyam	610,000	2,585,352	
4	Laxmal Purja	73	3	8	0	0	3	8	0	0	All	Sim	650,000	2,275,000	
5	Narimaya Pun	98	4	5	0	3	4	5	0	3	All	Doyam	610,000	2,637,773	
6	Sitaparbati Gauchan	74	5	4	3	3	3	8	1	0	South	Abbal	850,000	2,988,281	
7	Sitaparbati Gauchan	75	7	3	2	1	6	4	2	0	South	Abbal	610,000	3,831,563	
8	Dirga Pd. Gauchan	76	9	1	1	1	0	3	2	3	South West	Abbal	610,000	140,586	
9	Puspakal Sirchan	81	4	1	3	0	0	2	1	0	South	Abbal	300,000	42,188	
10	Sitaparbati Gauchan	96	5	1	2	2	4	4	2	0	South	Abbal	300,000	1,284,375	
11	Durga Pd. ulachan	100	14	7	3	3	3	6	0	0	North	Doyam	610,000	2,058,750	

S.N	Land Owner Name	Parcel no	Total Area				To be Acquire land					Lands Type	Compensation per Ropani	Total Compensation Amount	Remark
							Area				Side				
			Ropani	Aana	Paisa	Dam	Ropani	Aana	Paisa	Dam					
12	Narsing Bdr.Purja	101	5	8	2	0	0	8	1	3	North	Doyam	610,000	321,680	
13	Chakra Pd.Tulachan	94	8	5	3	1	8	5	3	1	All	Doyam	450,000	3,763,476	
Total			79	60	25	17	46	70	18	13				25,328,633	
			83	3	1	1	50	11	1	1					
2	Land user without entitle														
1	Sun Bdr. Pun Magar Dana 5	83	2	6	3	1	0	5	0	0			150,000	11,719	
2		84	4	2	0	1	2	12	3	3			150,000	105,322	
3	Nanda kumari pun Ddana 5	85	18	0	1	0	18	0	1	0	All		150,000	675,586	
4	Pustika Bika Dana 6	87	3	2	1	0	3	2	1	0			150,000	117,773	
5	Sun Bdr. Pun Magar Dana 5 , Tika Bdr. Bika, Purna Bdr. Bika, Bal Bdr. Nepal Dana 6	88	16	7	1	0	16	7	1	0	All		150,000	616,992	
6	Karna Bdr. Gurung	95	6	15	3	1	6	15	3	1	All		150,000	262,061	
Total			49	32	9	3	45	41	9	4				1,789,453	
			51	2	1	3	47	11	2	0					
3	District Agriculture Development Office, Myagdi own land														

S.N	Land Owner Name	Parcel no	Total Area				To be Acquire land					Lands Type	Compensation per Ropani	Total Compensation Amount	Remark
							Area				Side				
			Ropani	Aana	Paisa	Dam	Ropani	Aana	Paisa	Dam					
1	District Agriculture Development office Myagdi	93	8	5	3	1	8	5	3	1	All				
	Total		136	97	37	21	99	116	30	18					
	(1, 2 and 3)		142	11	2	1	106	12	2	2				27,118,086	

List of compensation payment in Bardaghat substation

S.N	Kitta No.	Total Area (Bigha)	Name of Land owner	Father and Husband Name	Name of Father in law	Compensation cost per kattha	Total	Remarks
1	85	0-13-11	Bishnu Prasad Bhattraï (Including)			1,000,000.0	13,550,000.00	For road
2	123	0-3-8 ^{1/2}	Bishnu Prasad Bhattraï (Including)			1,000,000.0	3,425,000.00	
3	117	1-4-19	Suresh	Man Bahadur	Padam Lal	500,000.0	12,475,000.00	
4	61	1-12-18	Kali Gandaki Cement Factory Pvd.Ltd			500,000.0	16,450,000.00	
5	138	0-8-5	Indrani Cruser Factory Pvd.Ltd			500,000.0	4,125,000.00	
6	137	0-5-0	Indrani Cruser Factory Pvd.Ltd			500,000.0	2,500,000.00	
7	70	0-3-10	Indrani Cruser Factory Pvd.Ltd			500,000.0	1,750,000.00	
8	60	1-15-19 ^{1/2}	Kali Gandaki Cement Factory Pvd.Ltd			500,000.0	17,987,500.00	
9	386	0-5-17 ^{1/2}	Asian Cement Pvd. Ltd			500,000.0	2,937,500.00	
10	385	0-5-17 ^{1/2}	Asian Cement Pvd. Ltd			500,000.0	2,937,500.00	
11	364	0-5-17 ^{1/2}	Asian Cement Pvd. Ltd			500,000.0	2,937,500.00	
12	365	0-5-17 ^{1/2}	Asian Cement Pvd. Ltd			500,000.0	2,937,500.00	
13	110	0-11-0	Asian Cement Pvd. Ltd			500,000.0	5,500,000.00	
14	95	0-9-3	Asian Cement Pvd. Ltd			500,000.0	4,575,000.00	

S.N	Kitta No.	Total Area (Bigha)	Name of Land owner	Father and Husband Name	Name of Father in law	Compensation cost per kattha	Total	Remarks
15	166	0-2-10	Asian Cement Pvd. Ltd			500,000.0	1,250,000.00	
16	167	0-4-0	Asian Cement Pvd. Ltd			500,000.0	2,000,000.00	
17	168	0-4-0	Asian Cement Pvd. Ltd			500,000.0	2,000,000.00	
18	169	0-4-0	Asian Cement Pvd. Ltd			500,000.0	2,000,000.00	
19	170	0-2-17	Asian Cement Pvd. Ltd			500,000.0	1,425,000.00	
20	338	0-7-6	Kali Gandaki Cement			1,000,000.0	7,300,000.00	For road
21	277	0-14-0	Asian Cement Pvd. Ltd			500,000.0	7,000,000.00	
22	278	0-14-0	Asian Cement Pvd. Ltd			500,000.0	7,000,000.00	
23	349	0-8-12 ^{1/2}	OM Kant Bhattra	Tilu Bhattra	Narhari Bhattra	500,000.0	4,312,500.00	
24	348	0-8-12 ^{1/2}	Hari Prasad Bhandari	Tika nidhi	Devi Pd.	500,000.0	4,312,500.00	
25	289	0-10-0	Tek Raj Timalisina	Rop Narayan	Balu	500,000.0	5,000,000.00	
26	172	0-1-9 ^{1/2}	Narayan Neupane	Tulsi Ram	Tilu	500,000.0	737,500.00	
Compensation paid to non-tile holders 25% of the decided compensation rate by CDC							11,575,000.00	
Total							150,000,000.00	

Appendix C : Photographs



Access road to Kuhrkot Substation



A view of Khrurkot Substation



Consultation with house owner's wife



A view of Dana Substation

Appendix D: Entitlement Matrix

N°	Type of Losses	Application	Definition of Entitled Persons	Entitlement	Details	Responsible Agency
A. LAND						
A-1	Loss of private land	Agricultural/Residential/Commercial land being affected by project components (GSS, Land for Tower footings etc.)	<ul style="list-style-type: none"> • Titled holders or owner with legal right • DPs/APs APs with customary land right or government permit holder 	<ul style="list-style-type: none"> • Compensation based on market/replacement cost . <p>Resettlement assistance Additional Assistance to vulnerable ¹ DPs/APs</p>	<ul style="list-style-type: none"> • Voluntary donation by the community with no compensation. In case donation is not possible, then following will be the entitlements: • Land for land if available and feasible. <input type="checkbox"/> In case where, alternative land cannot be provided due to scarcity of suitable lands, cash compensation based on the valuation determined by the Compensation Determination (Fixation) Committee (CDC) will be paid. Land should be compensated at replacement cost, which shall comprise market rates. • If the compensation determined by the CDC is less than the “market price/replacement cost” then the difference is to be paid by NEA as assistance • NEA will try to acquire the residual plot if DPs/APs are willing to do so and if remaining land that is unviable or uneconomic • Resettlement/Transitional assistance for livelihood restoration in the form of three months 	NEA/CDC

¹ Female headed households, indigenous people households, below poverty line households (household income less than NPR 19,261 per person per year), widow, disabled, elderly with no economic support, ethnic minorities households and those without legal title to land ¹⁴ The minimum wage rate in Nepal is considered to be NPR 8000 per month.

N°	Type of Losses	Application	Definition of Entitled Persons	Entitlement	Details	Responsible Agency
					minimum wage ¹⁴ . • Transaction costs ² (documentary stamps, registration costs, tax etc.) as	
					applicable under the relevant laws will be borne by NEA with a minimum lump sum of NPR 10,000. This will be paid once. • Minimum of 60 days advance notice to harvest standing seasonal crops. If notice cannot be given, compensation for share of crops will be provided. • In case of severance (people losing more than 10% of their productive assets) due to acquisition of agricultural land, an additional grant equivalent to a maximum of 10% of the compensation value will be paid to the DPs/APs • Additional assistance will be paid to vulnerable DPs/APs equivalent to lump sum NPR 10,000. This will be paid once.	
			Tenants/leaseholder/s hare cropper	<ul style="list-style-type: none"> • Compensation based • on • market/replacement cost Resettlement assistance Additional 	<ul style="list-style-type: none"> • 50 percent cash compensation to the share cropper/ tenants of the affected plots as per the prevailing laws (LA Act Clause 20). Other 50 percent to the landowner 	NEA/CDC

² Transaction cost as mentioned is an indicative figure. However, NEA will bear the exact cost to be incurred for necessary registration. NEA will be responsible for bearing all the costs to settle title issues either past or present and will assist the DPs/APs to avail proper and clear titles and land transfer title.

N°	Type of Losses	Application	Definition of Entitled Persons	Entitlement	Details	Responsible Agency
				Assistance to vulnerable DPs/APs	<ul style="list-style-type: none"> Resettlement/Transitional assistance for livelihood restoration in the form of three months minimum wage. Minimum of 60 days advance notice to harvest standing seasonal crops. If notice cannot be given, compensation for share of crops will be provided. 	
					<input type="checkbox"/> Additional assistance will be paid to vulnerable DPs/APs equivalent to lump sum NPR 10,000. This will be paid once.	
			Encroachers ³	<input type="checkbox"/> Resettlement Assistance	<ul style="list-style-type: none"> Advance 60 days notice to shift from encroached land to harvest standing crops etc. Resettlement/Transitional assistance for livelihood restoration in the form of three months minimum wage. 	NEA
			Non-titleholders ⁴ (squatters/informal settlers)	<ul style="list-style-type: none"> Compensation at market/replacement cost Additional Assistance to vulnerable DPs/APs 	<ul style="list-style-type: none"> Minimum of 60 days advance notice to harvest standing seasonal crops. If notice cannot be given, compensation for share of crops will be provided. Resettlement/Transitional assistance for livelihood restoration in the form of three months minimum 	NEA

³ defined as a person who has legal title holding to land but illegally extends his occupation onto the contiguous, vacant government land.

⁴ defined as a person who appears from nowhere and occupies vacant government land/structure for living space and/or livelihoods.

N°	Type of Losses	Application	Definition of Entitled Persons	Entitlement	Details	Responsible Agency
					wage. • Additional assistance will be paid to vulnerable DPs/APs equivalent to lump sum NPR 10,000. This will be paid once.	
B. STRUCTURES						
B-1	Loss of Residential and Commercial structure	Structures affected on the land either permanently or temporarily by the project before the cut-off date	Titleholder or Owner with legal right/Non titleholders	<ul style="list-style-type: none"> • Compensation at replacement cost • Resettlement assistance • Additional assistance to vulnerable 	<ul style="list-style-type: none"> • Alternate structure if feasible. • In case where an alternate structure cannot be provided, compensation based on replacement cost will be paid without allowing for depreciation or transaction costs. 	NEA/CDC
				DPs/APs	<ul style="list-style-type: none"> • All fees, taxes, and other charges related to replacement structure will be borne by NEA and will be paid to DPs/APs with a minimum lump sum of NPR 10,000. This will be paid once. • Shifting assistance will be provided to the DPs/APs at the rate NPR 30,000 in case of self relocation or transportation of goods and materials will be provided by the project. This will be paid once. • DPs/APS will have the right to salvage material from demolished structure at no cost. • In case of rebuilding/ rehabilitation of the structure, a disturbance allowance shall be provided to head 	

N°	Type of Losses	Application	Definition of Entitled Persons	Entitlement	Details	Responsible Agency
					<p>of the affected HH at the rate of NRs. 500 per day for 180 days.</p> <ul style="list-style-type: none"> • Rental assistance for 180 days per house at the rate of NPR 500 per day. • Additional assistance will be paid to vulnerable DPs/APs equivalent to lump sum NPR 10,000. This will be paid once. 	
			Tenants/Leaseholder	<ul style="list-style-type: none"> • Compensation (in case, additional structure erected) • Resettlement Assistance • Additional 	<ul style="list-style-type: none"> • Additional structures erected by tenants will be compensated and deducted from owner's compensation amount. • Rental assistance equivalent to 180 days @ NPR 500 per day per HH. 	NEA/CDC
				assistance to vulnerable DPs/APs	<ul style="list-style-type: none"> • Shifting assistance will be provided to the DPs/APs at the rate NPR 30,000 in case of self relocation or transportation of goods and materials will be provided by the project. • Any advance deposited by the tenants will be refunded from owners total compensation package to the tenant on submission of documentary evidences. • DPs/APS will have the right to salvage materials from demolished structure and frontage etc. erected by leaseholder/tenants. 	

N°	Type of Losses	Application	Definition of Entitled Persons	Entitlement	Details	Responsible Agency
					<ul style="list-style-type: none"> Additional assistance will be paid to vulnerable DPs/APs equivalent to lump sum NPR 10,000. This will be paid once. 	
			Encroachers	<ul style="list-style-type: none"> Resettlement assistance Additional assistance to vulnerable DPs/APs 	<ul style="list-style-type: none"> Compensation for affected structures at replacement cost without allowing for depreciation or transaction costs. DPs/APs will have the right to salvage material from demolished structure at no cost. Additional assistance will be paid to vulnerable DPs/APs equivalent to lump sum NPR 10,000. This will be paid once. 	NEA/CDC
			Non title holders (Informal Settlers/squatters)	<input type="checkbox"/> Compensation for non-land assets at market value/replacement cost	<ul style="list-style-type: none"> Compensation for affected structures at replacement cost without allowing for depreciation or transaction costs. DPs/APS will have the right to salvage 	NEA
				<ul style="list-style-type: none"> Resettlement Assistance Additional assistance to vulnerable DPs/APs 	<ul style="list-style-type: none"> material from demolished structure at no cost. Shifting assistance will be provided to the DPs/APs at the rate NPR 30,000 in case of self relocation or transportation of goods and materials will be provided by the project. This will be paid once. Additional assistance will be paid to vulnerable DPs/APs equivalent to lump sum NPR 10,000. 	

N°	Type of Losses	Application	Definition of Entitled Persons	Entitlement	Details	Responsible Agency
					This will be paid once.	
C. T REES AND CROPS						
C-1	Loss of standing trees and perennial crops	Trees and perennial crops affected by the project (People on whose land the trees and perennial crops exist)	<ul style="list-style-type: none"> • Titled holders or owner with legal right • DPs/APs APs with customary land right • Tenant/Lease holders/share croppers • Non title holders (Informal Settlers/squatters) 	<ul style="list-style-type: none"> • Compensation at Market value/replacement cost to be computed with assistance of appropriate department • Additional assistance to vulnerable DPs/APs 	<ul style="list-style-type: none"> • Cash compensation determined by CDC will be paid (in determining the compensation; type, age and the productivity of the trees and perennial crops will be taken into consideration). compensation should pay for lost income, and any re-establishment, for the time taken to re-establish to a similar stage of production • DPs/APs will be notified and given 60 days advance notice to harvest crops/fruits and remove trees. • Additional assistance will be paid to vulnerable DPs/APs equivalent to lump sum NPR 10,000. This will be paid once. 	NEA/CDC
D. INC OME AND LIVELI HOOD						
D-1	Loss of employments	People losing employment due to acquisition of properties and project activities	DPs/APs who will lose wage employment in the private enterprises affected due to acquisition of properties	<ul style="list-style-type: none"> • Resettlement Assistance • Additional assistance to vulnerable DPs/APs 	<ul style="list-style-type: none"> □ One –time lump sum grant equivalent to minimum three-month"s income based on the actual salary. • Resettlement/Transitional assistance for livelihood restoration in the form of three months minimum wage. • Additional assistance will be paid to vulnerable DPs/APs equivalent to lump sum NPR 10,000. This will be paid once. 	NEA/CDC
D-2	Loss of livelihood (self-	People losing livelihood as a result of displacement	DPs/APs whose self employment ventures will be disturbed	<ul style="list-style-type: none"> • Resettlement Assistance • Additional assistance to 	<ul style="list-style-type: none"> • One –time lump sum grant: minimum three-month"s income based on the nature of business and 	NEA

N°	Type of Losses	Application	Definition of Entitled Persons	Entitlement	Details	Responsible Agency
	employment)	due to land acquisition for the project		vulnerable DPs/APs	<p>type of losses assessed on a case-to-case basis</p> <ul style="list-style-type: none"> • Shifting assistance will be provided to the DPs/APs at the rate NPR 30,000 in case of self relocation or transportation of goods and materials will be provided by the project. This will be paid once. • Additional assistance will be paid to vulnerable DPs/APs equivalent to lump sum NPR 10,000. This will be paid once. 	
E. GOVERNMENT LAND AND PROPERTY						
E-1	Government Property (Loss of Land)	Government property being affected by the projects	Relevant government Department	<input type="checkbox"/> Lump sum compensation as per government rules	<input type="checkbox"/> Departmental transfer of land	NEA/Concerned Government Departments
F. COMMON PROPERTY RESOURCES						
F-1	Loss of Community Property Resources (Religious structures, land, Community structures, trust, shrine, tomb etc.)	Community property being affected by the projects	<input type="checkbox"/> Affected community/Government	<input type="checkbox"/> Conservation, protection, restoration and compensatory replacement	<ul style="list-style-type: none"> • Impacts will be documented and mitigated. Cultural properties will be conserved through special measures such as relocation in consultation with the community. • <u>Common property resources will be reconstructed as per ADB's SPS, 2009</u> 	NEA/CDC/Local Community/Su pervision Consultant
					<ul style="list-style-type: none"> • 	
F-2	Loss of Public Utilities	Public utilities affected due to the project (Water, Electricity, Telephone)	Owners of the public utilities	Conservation, protection, restoration and compensatory replacement	<ul style="list-style-type: none"> • Relocation of utilities will be done at proper time • <u>Common property resources will be reconstructed as per ADB's SPS, 2009</u> 	NEA/CDC/Local Community/Su pervision

N°	Type of Losses	Application	Definition of Entitled Persons	Entitlement	Details	Responsible Agency
		Drainage				Consultant
F-3	Infrastructure a) Local roads b) Bridges c) Water points etc.	Public infrastructure being affected by the project	Communities receiving benefits from the infrastructure		<input type="checkbox"/> Restoration will be done by the project in consultation with affected communities. <input type="checkbox"/> <u>Common property resources will be reconstructed as per ADB's SPS, 2009</u>	NEA/CDC/Local Community/Su pervision Consultant
G. TEMPORARY LOSS (RIGHT OF WAY)						
G-1	Temporary loss of crops during construction and maintenance ⁵	All DPs/APs crops on temporary basis during the construction and maintenance of lines	<ul style="list-style-type: none"> • Titled holders or owner with legal right • DPs/APs APs with customary land right or government permit holder • Tenant/Lease holders 	<ul style="list-style-type: none"> • Compensation at market value • Additional assistance to vulnerable DPs/APs 	<ul style="list-style-type: none"> • Cash compensation equivalent to 10% of land value under the RoW¹⁹. • Cash Compensation will be paid for the temporary damage of crop under the RoW during the construction or maintenance or repair after the construction. In case there is a need for repair or maintenance of the lines in the future, NEA would consult with land owners for access to the land for maintenance and repairs, when necessary, and that the land owners would continue to use the land for farming activities. 	NEA/CDC
					<ul style="list-style-type: none"> • Notice to harvest standing crops • Restoration of land to previous or better quality • Additional assistance will be paid to vulnerable DPs/APs equivalent 	

⁵ This is specifically referred to construction of transmission and distribution power lines which are usually considered as permanent impact (especially the tower footings. Temporary disruption is caused during the stringing of lines and during the maintenance. However, post the construction and maintenance activities, the Right of Way (RoW) is usually allowed for same use as the lines pass over the ground with appropriate distance and safety measures. ¹⁹ This shall be treated as easement payments.

N°	Type of Losses	Application	Definition of Entitled Persons	Entitlement	Details	Responsible Agency
					to lump sum NPR 10,000. This will be paid once.	
H. ADDITIONAL ASSISTANCE TO VULNERABLE DPS/APS						
H-1	Impacts on vulnerable DPs/APS	Female headed households, indigenous people households, below poverty line households, widow, disabled, elderly with no economic support, ethnic minorities households and those without legal title to land	All impacts caused to Vulnerable DPS/APS		<ul style="list-style-type: none"> • Additional assistance (one time) will be paid to vulnerable households equivalent to lump sum NPR 10,000. This will be paid once. • Vulnerable assistance including the BPL will be paid to the affected households one time even if multiple impacts are incurred. • Vulnerable DPS/APS will be given priority in project construction employment where feasible. 	NEA/CDC
I. UNANTICIPATED IMP ACTS						
I-1	Other Impacts Not Identified	Any unforeseen impacts being caused by the project	Eligible DPS/APS	<input type="checkbox"/> Compensation and assistance	<input type="checkbox"/> Unforeseen impacts will be documented and mitigated based on the principles agreed upon in the RF.	NEA/Supervision Consultant/ Other relevant government departments as required