



# Social Monitoring Report

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Project Number: 47229-001  
March 2016  
Period: July 2015 – December 2015

## IND: Uttarakhand Emergency Assistance Project

Submitted by

Program Management Unit, (Urban Water Supply Sector), (UEAP), Government of Uttarakhand, Dehrdaun

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**Asian Development Bank**



**PROJECT IMPLEMENTATION UNIT (PIU)**

(Urban Water Supply Sector)

**Uttarakhand Emergency Assistance Project (UEAP)**

**Uttarakhand Jal Sansthan**

Jal Bhawan, B-Block, Nehru Colony, Dehradun, Uttarakhand

Tel.: 0135-2669992, Fax: 0135-2676177 e-mail: adb\_uls@rediffmail.com

SGS/AS

Ref: 896/PIU-UEAP/49/2015-16

Dated: 16 February, 2015

To,

Country Director  
South Asia Department, India Resident Mission,  
4 San Martin Marg, Chanakyapuri  
New Delhi – 110021

**Sub: Loan 3055 IND – Uttarakhand Emergency Assistance Project (UEAP) Semi Annual Social Monitoring Report.**

Dear Madam,

We are submitting the Semi Annual Social Monitoring report for Urban Water Supply schemes of 9 towns under Uttarakhand Emergency Assistance Project (UEAP) for the period of July 2015 to December 2015 for your approval.

Enclosure: As above.

Yours Sincerely

(Neelima Garg)

Secretary Appraisal  
Uttarakhand Jal Sansthan



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# **Government of Uttarakhand**

**State Disaster Management Authority (SDMA)**  
*Uttarakhand Jal Sansthan*

**Uttarakhand Emergency Assistance Project**  
*(UEAP) – Water Supply Sub project*  
(ADB Loan No: 3055-IND)

**HALF YEARLY SOCIAL MONITORING REPORT**  
(Period July to December, 2015)

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## **ABBREVIATIONS**

ADB	Asian Development Bank
AP	Affected Person
BC	Backward Community
BDO	Block Development Officer
BPL	Below Poverty Line
BTB	Bridge Technical Assistance
CAPP	Community Awareness Public Participation
CBO	Community Based Organization
CPR	Community Property Resources
DP	Displaced Person
DSC	Design and Supervision Consultants
ESMC	Environment and Social Management Cell
EA	Executing Agency
EM	Entitlement Matrix
FGD	Focus Group Discussions
FHH	Female Headed Household
GoI	Government of India
GoU	Government of Uttarakhand
GRC	Grievance Redressal Committee
HPC	High Power Committee
IA	Implementing Agency
IP	Indigenous Peoples
IR	Involuntary Resettlement
PMU	Program Management Unit
PIU	Program Implementation Unit
IPMC	Investment Program Management Consultants
LA	Land Acquisition
LAA	Land Acquisition Act
M&E	Monitoring and Evaluation
NGO	Non-Government Organizations
NPRR	National Policy on Resettlement & Rehabilitation
DPs	Displaced Persons
PH	Physically Handicapped
PIU	Project Implementation Unit
RoW	Right of Way
RF	Resettlement Framework
RP	Resettlement Plan
R&R	Resettlement & Rehabilitation
SC	Scheduled Caste
SCDGS	Social & Community Development and Gender Specialist
RP	Resettlement Plan
ST	Schedule Tribe

SIA	Social Impact Assessment
ToR	Terms of Reference
UJS	Uttarakhand Jal Sansthan
UDRP	Uttarakhand Disaster Recovery Project
UEAP	Uttarakhand Emergency Assistance Program
WHH	Woman headed household

**1. Project Fact Sheet**

Loan	3055-IND Uttarakhand Emergency Assistance Project
Subproject	All nine project towns
Executing Agency	State Disaster Management Authority, Govt. of Uttarakhand
Implementing Agency	Uttarakhand Jal Sansthan
Monitoring Period Covered	July– December, 2015

## **2. Introduction**

The Uttarakhand Emergency Assistance Project (the project) envisages rehabilitation and reconstruction of state roads and bridges, tourism infrastructure (including construction of helipads and trekking routes), urban water supply and urban roads which were devastated due to unprecedented cloud bursts, incessant rains, major floods, and landslides in the upper valleys during 15-17 June, 2013. Some major pilgrimage centers in the districts of Bageswar, Chamoli, Pithjoragarh, Rudrarayag, Pauri, and Uttarkashi were affected seriously. It is anticipated that the project will provide economic and social revival from the disaster in Uttarakhand state. One of the components is rehabilitation and renewal of urban water supply system in nine (9) selected towns. These are: Devaprayag, b) Srinagar, c) Rudraprayag, d) Karnaprayag, e) Gauchar, f) Bageswar, g) Kapkot, h) Dharchula, i) Uttarkashi. The expected outcome of the project will be economic and social recovery from the disaster that destroyed water supply infrastructures of these towns.

Resettlement impact assessment survey was undertaken in 2013 in all the reference towns to identify any land acquisition requirement and resettlement impact due to improvement, rehabilitation and reconstruction of urban water supply system. Based on the resettlement impact survey analysis Resettlement Plans were prepared in accordance with ADB's SPS 2009, and duly approved by ADB for subproject packages having temporary impact in four towns. These towns are: Srinagar, Kapkot, Gauchar and Uttarkashi, where road side shop keepers, vendors will be affected temporarily due to construction/ laying of water supply distribution pipelines by road sides. Besides, there will also be temporary impact for laying of rising mains along hilly slopes in Kapkot and partial occupation of land will be taken from four title holders.

## **3. Validation**

It is being validated that in all the nine subprojects, previously four subprojects having resettlement impacts, there are no Indigenous People (IP), no land acquisition issues, all impacts previously identified were temporary in nature. Now in subproject Uttarkashi no any person is getting affected due to Design change in pipeline alignment of rising main .To avoid negative Impacts on livelihood, it was decided by PIU to work in night or early morning hours due to this decision no impact have been envisaged in Srinagar and Gauchar subproject. In Kapkot sub project new design, alignment of rising mains from infiltration well to the GLSR located at Binsar differed from the DPR designs in some places resulting in changes in resettlement impact compared to the earlier impact. Briefly, four title owners are now affected. Of them three were identified earlier and another additional land owner has been included due to fresh impact of changed alignment. Since present involuntary impact has changed to some extent from the impact identified earlier and referred to in the RP of 2013, updated RP has been prepared and approved by ADB. However, NGO should verify the actual situation of working times and any negative impacts on livelihood and/or structures must be reported immediately. The livelihood of the people will be affected only during the construction activity for which they will be compensated as per the ADB guidelines and Entitlement Matrix.

The validation process was undertaken first by DSC's Resettlement Specialist in August-September, 2014 and then in July-May, 2015, August –September 2015, the Implementing NGO engaged for the purpose of implementation of RPs carried out a detailed validation and identification of DPs vis-à-vis list of DPs identified and enlisted in the RPs. The verification survey of the affected persons was conducted with the help of:

- DPR drawings of all the reference towns
- RPs of all reference towns



- Actual site inspection accompanied by concerned WS officials of UJS, and DSC's water supply expert also was present in some of the towns where designs had undergone changes.

While verifying temporary resettlement impact in Gauchar, Srinagar, and Uttarkashi changes in the number of affected persons were identified. However, no permanent impacts on structures, property were apprehended in any of these towns.

In Kapkot number of affected land title holders whose land parcels will be temporarily accessed for laying of rising main from the river intake well at Saryu, was reduced due to change in water alignment design. The title holders will have to part away with their land parcels temporarily for laying of rising main from the river intake well at Saryu. The title holders have given their written declaration to allow laying of pipeline through their land which is not a productive land. Summary of resettlement impact assessment shown in RP and as verified under four subprojects towns are shown in table 1.

**Table 1 Summary of Resettlement Impact after mitigation measures**

SI No	Sub Project /Town with package no.	Total Number of DPs (as identified in RP)		Total No. of DPs after mitigation		Remarks
		Permanent	Temporary	Permanent	Temporary	
1	Package – UK/UEAP-WSS-GW/02: Srinagar	None	19	None	-	As decided by PIU to work in night or early morning hours due to this decision no impact have been envisaged
2	UK/UEAP-WSS-KU/01 – Lot no. 1: Kapkot	None	6	None	4	Out of six three titleholders will not be affected as per changed design and one additional land owner has been included due to fresh impact of changed alignment
3	Package – UK/UEAP-WSS-GW/01 – Lot no. 3 : Gauchar	None	10	None	-	As decided by PIU to work in night or early morning hours due to this decision no impact have been envisaged
4	Package – UK/UEAP-WSS-GW/01 – Lot no.4: Uttarkashi	None	14	None	-	Due to design change in pipeline alignment and rising main no impact envisaged

Source: Resettlement Plans and Quarterly progress report for QE Sep, 2015 of Implementing NGO

Proposed implementation details of urban water supply system is shown below for the four towns only where resettlement impact has been identified in preparation stage. However the nature of

resettlement impact did not change from temporary nature to permanent type. (Table 2) The packages and sub-project towns having resettlement impact only have been considered for reporting on detail resettlement activities.

**Table 2: Summary of Proposed Investments and Resettlement Status**

Sl. No.	Name of the Sub-project	Total number of DPs Identified	
		RP	After mitigation/ Verified by NGO
Srinagar			
	Construction of 03 Infiltration Wells of capacity 2.88 mld, on the bank of Alaknanda River near ITI College	None	None
	Construction of Pump house	None	None
	Laying of R.M., M.S. Pipes (Fe 410 grade), Laying of GI Pipe line	19	None
	Construction of Clear Water Reservoirs / Sump, Rehabilitation of WTP	none	None
	Construction of buildings – 200 Sq m (G+I)	None	None
	Road Restoration woks	None	None
Kapkot			
	Construction of Infiltration Well (1.4 mld) at Saryu River	None	None
	Construction of Pump House	None	None
	Laying of Rising Main & Appurtenant Works	6	4
Gauchar			
	Construction of Infiltration Well 2.53 mld (near Bhatnagar village in the bank of Alaknanda River)	None	None
11	Construction of Pump house	None	None
12	Laying of Rising main	None	None
13	Construction of CWR 100 kl Cap., 30 kl Cap. at Bandarkhand	None	None
14	Laying of distribution system	10	None
Uttarkashi			
15	Construction of 2 nos TW in Ramlila Ground. Discharge 2000 lpm, 400 mm dia 45.0 m deep	None	None
16	Procurement and laying of MS (Fe 410 grade) pipe.	14	None
17	Rehabilitation of WTP	None	None

Source: UEAP Urban Implementation, prepared by DSC

**Note:** verification is completed by the implementing agency (NGO)

#### 4. Institutional Arrangement

State Disaster Management Authority, Govt. of Uttarakhand is the Executing Agency (EA) of the UEAP investment Program while UJS is the Project Implementing Agency (IA). The EA has already set up a state-level Investment Program Management Unit (PMU) headed by Project Director. The

PMU has appointed a qualified and experienced Social & Community Development and Gender Specialist (SCDGS) to supervise, facilitate, and monitor resettlement activities, gender action plan and also to coordinate with DSC team engaged in RP implementation. The SCDGS will guide the implementing NGO in carrying out RP action plans as per principle laid down in the Resettlement Framework.

Centre for Rural and Ecological Development, the NGO has been mobilized in April, 2015 for implementation of RP. As per scope of work, the NGO will act as a link between the DPs, UEAP, District Administration and other stakeholders. The RP implementation activities undertaken by the NGO are incorporated in the quarterly progress report of the period April-June, 2015 submitted to UJS.

DSC has mobilized one Resettlement Specialist, on intermittent basis, since August, 2014 to periodically supervise and monitor RP implementation activities, provide guidance to DSC's site engineers for construction supervision and prepare quarterly and half yearly social monitoring reports. If there is any change in design the Resettlement Expert will prepare updated RP and Due Diligence report where necessary. *But in September 2015 the Resettlement Expert of DSC has resigned and there is no replacement. As there is no Resettlement Expert in DSC, the semiannual social monitoring report for the period of July 2015 to Dec 2015 is prepared by the implementing agency (PIU/PMU) without any expert input of DSC.*

An organizational structure is appended to show all personnel/organizations involved in resettlement implementation (**Annexure-1**). Besides, one field unit structure for all the positions of DSC has been proposed which will provide support, if necessary, for execution of RP activities at ground during construction phase.

## **5. Progress of RP Implementation**

### *5.1 Initial site inspection*

An initial site visit was carried out by DSC's Resettlement Expert in August, 2014 in all the nine reference towns and initial verification of the enlisted affected persons in the four towns with a view to verifying the list of affected persons as mentioned in the RPs and assessing any further impact if at all. Respective UJS officials posted in the towns explained proposed rehabilitation and renewal of water supply infrastructures including laying of water distribution network alignment, and rising mains, construction of tube wells, CWR, pump house, etc.

### *5.2 Detailed verification and identification of DPs vis-à-vis DPR design drawing*

Before start of civil work the Implementing NGO conducted a final identification and verification survey updating resettlement impact in all the subproject towns with the help of final and updated DPR drawings to record affected persons, nature of impact, distinguish type of loss and, identify vulnerable households. This task is required for determining final resettlement impact and compensation and assistance payable as per Entitlement Matrix (EM) provided in the Resettlement Framework (**Annexure-2**).

### *5.3 Resettlement activities undertaken by Implementing NGO*

The implementing NGO has started their identification and verification of DPs enlisted in the RPs as their priority activity. The NGO has established rapport with the DPs and started disseminating information on resettlement impact, entitlement packages as per ADB policy and other project information to the DPs as part of disclosure measure.

The summary of identification and verification survey done by the NGO is mentioned in Table 3.

**Table 3: Summary of Impact of Displaced Persons**

Location	Package	As per RP	After mitigation measures	Type of Structure/ Land	Vulnerable
Srinagar	UK/UEAP-UJS / WSS-GW02	19	0	-	-
Gauchar	UK/UEAP-UJS / WSS-GW01	10	0	-	-
Uttarkashi	Package – UK/UEAP-WSS-GW/01 – Lot no.4: Uttarkashi	14	0	-	-
Kapkot	UK/UEAP-UJS/ WSS-KU01	6	4	Agriculture	2
Total		49	4		2

Source: Quarterly Progress Report of NGO, April-June, 2015

From the verification survey, it appears that out of a total of 49 DPs enlisted in the RPs of four towns of Srinagar, Gauchar, Uttarkashi and Kapkot, only 04 DPs could be affected. Two DPs of Kapkot might have avoided resettlement impact after changed alignment design. This, however, needs to be corroborated after joint site visit.

The quarterly report submitted by the implementing NGO also includes a socio economic profile of the DPs surveyed by the team. It contains economic status, educational achievement, social category and vulnerability status of the DPs. However, the report contains socioeconomic information of the DPs for both the Road and Bridges and Water supply sectors together. It would be better to get a sector wise dis-aggregated profile of the DPs.

#### 5.4 Preparation of Micro plan

Micro-plan have been prepared by Implementing NGO CREDA for Kapkot sub-project and approved by PMU on 09 Dec 2015 .Rs 22000 (twenty two thousand) have been sanctioned for disbursement.

Package no.U/UEAP-UJS/WSS-KU/01										
Town: Kapkot (Bageshwar)										
S.no	Name	Age	Gender	Vul. Criteria	Social Status	Category of entitlement	Type of loss	Assistance	Additional assistance to vulnerable	Total assistance
1	Chandar Singh	70	Male	Vul.	Gen	Title Holder	Agriculture	3000	5000	8000
2	Darban Singh	55	Male	Non - Vul.	Gen.	Title Holder	Agriculture	3000	00	3000
3	Rajendar Singh	32	Male	Vul.	Gen.	Title Holder	Agriculture	3000	5000	8000
4	Diwan Singh	73	Male	Non-Vul.	Gen.	Title Holder	Agriculture	3000	00	3000
								<b>12000</b>	<b>10000</b>	<b>22000</b>

### *5.5 Site visit in Sep, 2015 to mitigate the Social impact related to construction sites*

One joint site visit was conducted from 16-20 September, 2015 at Dharchula, Kapkot, Bageshwar, Karnprayag, Gauchar and Srinagar by DSC's Water Supply Expert, Resettlement Expert, and PMU's SCDG Specialist. During visit there was contractor's team including Site engineer, Rajendra Singh, DSC's construction supervisor- B.S. Bisht and Mr. Tamta, JE- UJS were present. The main objective of the visit was to mitigate the social impact on the construction related works. After Dharchula two other sites of Kumaon that was Kapkot and Bageshwar covered by these experts with DSCs CS Mr. Bikas Das, Contractors site engineer Rajesh Upadhyay and Vikash Agrawal. In Kapkot experts met with some villagers assembled there and resolved their small issues/ curiosity related to project. On Bageshwar road all distribution lines were being laid from 9 pm at night to 5 am in the morning. The road is narrow and heavy traffic will make laying of line impossible in daytime. No other private land was being affected at Bageshwar In continuation team reached Karnprayag and met with DSC's CS Gautam Sengupta and UJS's JE MR. Jagmohan Bisht. Civil work plan was explained by DSC engineer at Karnprayag. Since the road is narrow, and congested with heavy traffic in day time, all pipe laying works will be carried out at night. Construction of GLSR is under progress. Construction of UJS office building is in progress. The Labour camp is near the construction site and it is rented house. Labours are provided the facility of toilets as well as drinking water and in Gauchar Construction of UJS office building was in progress. Labour camp of office was close by and having all facilities of kitchen, toilet facilities etc. The construction work of 100kl tank was also in progress and labour camp for the same was near the construction site of the tank. As of now it had all facilities of 3 rooms, kitchen, toilet and space rented out by one land owner. Arrangement was satisfactory. Labours also had access to medical facilities, safety measures were taken. Distribution lines along market area would have affected about 10 mobile vendors and road side shop operators. But decision has been taken to lay the pipeline at night to avoid loss of access and business to people and there by all impact is avoided now. After completing Gauchar team rushed Srinagar and there at site team met with Mr. Jethudi, Contractor's site engineer- Rakesh Sharma and CS of DSC- Mr. Dasgupta. One 1000 kl GLSR was under construction. Labour camp was by the construction site. One UJS office building was also under construction. Contractor was following safety measures. One rising main was shown for Dang village which was under construction on hill slope. All rising mains of Srinagar are passing through an uphill slope without affecting any private land. Distribution lines from existing/proposed GLSR till Bus stand along main road would affect about 14 shop keepers and mobile vendors. As this is Badrinath road, an important and busy national highway with heavy traffic, decision has been taken to lay distribution pipeline at night with all pre cautionary safety measures taken, like access to roadside shops, etc. This will avoid all resettlement impact earlier identified (Night work related order **annexure-3**).

### *5.6 Updating and Revision of RP and preparation of Due Diligence report*

Some changes in DPR drawing for alignment of water distribution pipeline and rising mains have been reported by DSC units posted at some of the subproject towns. A review of resettlement impact as against this alignment design is required before initiation of civil work in the changed design sections and re-verification and identification of any new / additional number of displaced persons need to be identified. Besides, arrival of any new entrants, who were not enlisted at the time of census cut-off-date, is also to be ascertained. Fresh survey for resettlement impact assessment at places where alignment design has been changed will be organized jointly by PMU, PIU, DSC and implementing NGO. Revised/updated RP will be prepared for those towns where significant changes in design will create additional / new resettlement impact. Till the preparation of revised/updated RP are approved by ADB, and computation and disbursement of resettlement

assistance, according to EM, to the identified DPs are complete no civil construction work will be awarded, at least in those sections where additional resettlement impact has been identified.

During detailed revised design if resettlement impact can be avoided, it should be made known to the DPs and no payment disbursement will take place for those who will not be affected. In such case where resettlement impact is avoided satisfactorily a brief due diligence report (DDR) will be prepared accounting for actual final impacts (or absence of it by proper engineering design) which will include, *inter alia*, the mitigation means of avoidance of impact, absence of the DPs listed earlier, and even non acceptance of compensation/assistance by the DPs. The report will also provide documentary evidence, such as, maps, photos, text, signed statements, etc. for the avoidance of impacts. In case where RP will need to be significantly updated after final verification due to change in engineering design, the due diligence reports (DDR) will also be prepared accounting for the actual final impacts and their mitigation commensurate to RF and SPS,2009 requirements. The DDR (s) and revised RPs will be sent to ADB for approval.

#### 5.7 Summary of Safeguards measures

Following measures will be adopted.

- Verification and updating of DPs after changed alignment design is prepared as “good for construction”
- Preparation of Micro Plan for each DP consisting of information on: family details, type and extent of loss, average household income, vulnerability status, and any other details as appropriate.
- Preparation of photo identity cards of the eligible DPs entitled for resettlement assistances.
- Payment of resettlement assistances after calculation of assistances as per Entitlement Framework.<sup>1</sup> All payment of resettlement assistances will be made as per revised and verified list of DPs and according to type and loss and status of vulnerability. (Table 4)
- Preparation of a delivery status report of payment disbursement of all identified DPs with their entitled amount and date of payment delivery. The NGO will also prepare a status report with the help of rapid appraisal on post-project scenario to highlight that no one is economically or socially less disadvantaged than that of pre-project stage.

**Table 4. Entitlement for Compensation and Assistance as per Resettlement Framework**

Type of loss	Unit of Entitlement	Type of Entitlement	Details
Shifting business/Mobile vendors	Household	Assistance of business disruption	Ambulatory vendors who have been granted license for operating will be paid assistance as one time lump sum amount of INR 3000.
Kiosks	Household /Vendors granted license for	Assistance for business disruption	Assistance will be paid as one time

<sup>1</sup>IND: Uttarakhand Emergency Assistance (Sector) Project, Resettlement Framework: Project Number: 47229 September 2013

	operating from a fixed location to be considered as kiosk		lump sum amount of INR 3,000
Vulnerable Households	BPL, WHH, SC, ST, Physically disabled HH, Elderly persons living alone	Additional assistance for vulnerability	Assistance amounting to Rs.5000 for the vulnerable HH

Source: IND: Uttarakhand Emergency Assistance (Sector) Project; Resettlement Framework.  
Project Number: 47229, September 2013

Besides payment of resettlement compensation/assistance, other safeguards measures which need to be followed are:

- No civil construction work will commence prior to payment disbursement.
- Contractors will ensure that there is no access loss and should adopt principles, like leaving spaces for access between mounds of soil, providing walkways and metal sheets to maintain access across trenches) and using proper work schedule, such as by avoiding busy business hours, phased construction schedule, working on one segment at a time on one side of the road and similar techniques.

## 6. Consultation and Participation

Information dissemination and community participatory consultation is a continuous process and is being complied at various stages of the Investment Program. Community Awareness and Participation Program (CAPP) has been initiated right from the beginning of the project preparedness level, and is continued at all levels of implementation. During inception site visit, conducted by the DSC team, participatory consultation and group discussions were organized in an informal manner, with the DPs, local key persons, like, Ward member, Nagar Panchayat chairman. This opportunity was a means of information disclosure of the proposed designs, alignment, details of civil works to be done and the people's view about the project and ADB Policy of involuntary resettlement. The verification survey conducted later by the implementing NGO was next level of consultation to identify people/shop owners/tenants who are likely to lose business for a short period. The cooperation and assistance received from the people during the survey provide evidence of people's need and assurance of cooperation during civil construction work.

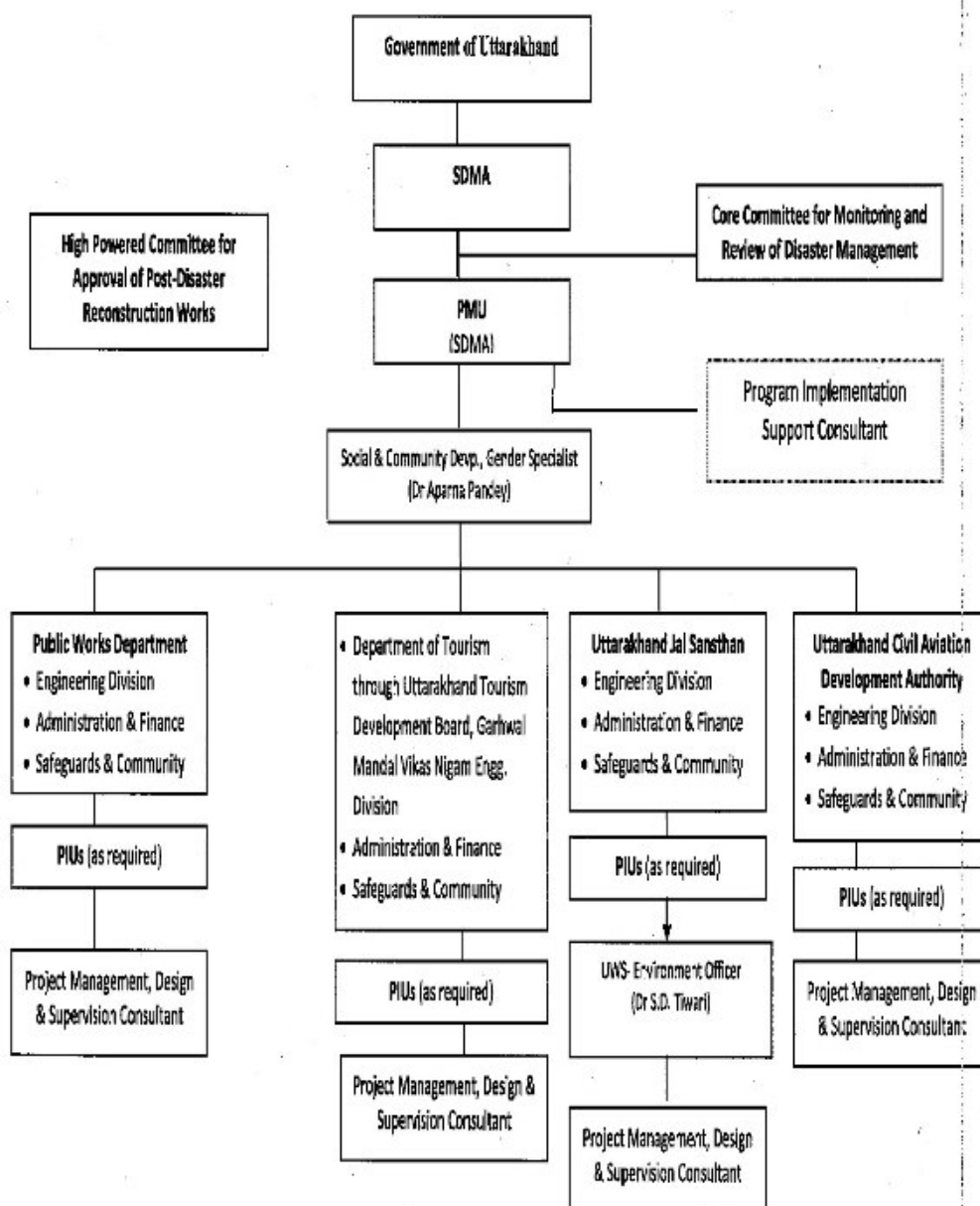
The implementing NGO has been conducting series of consultation meetings, focus group discussions (FGD), particularly with the road side vendors, other vulnerable groups to make people aware about ADB policy of Involuntary Resettlement, the entitlement matrix for project affected /displaced persons, of safety and security measures, of employment opportunity, policy of equal payment for similar work by male and female workers, and similar issues. One disclosure brochure has been prepared in local language for distribution among the DPs, and also to people's representatives, and for display at public places. They are also conducting meeting and consultations with community people on health and hygiene. They conducted awareness campaigns on HIV/ AIDS and prepared and distributed IEC material on the same.

Apart from information disclosure, these consultation and participation process will provide feedback to the PMU during and after civil work organization. This will also help to forestall grievances, if any, which will have to be addressed in a prompt manner.

(Photographs annexure-4)

# PROJECT ORGANIZATION CHART

Annexure - 1





## Resettlement Framework

Resettlement Framework  
Project Number: 47229  
September 2013

### **IND: Uttarakhand Emergency Assistance (Sector) Project**

Prepared by the Executing Agency, Government of Uttarakhand for the Asian Development Bank.

The Resettlement Framework 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.

**CURRENCY EQUIVALENTS**

Currency unit	=	Indian rupee/s (Re/Rs)
Re1.00	=	\$0.0200
\$1.00	=	Rs50.00

**ABBREVIATIONS**

ADB	-	Asian Development Bank
BSR	-	Basic Schedule of Rates
DP	-	displaced person
DSCs	-	Design Supervision Consultants
EA	-	executing agency
GRC	-	Grievance Redress Committee
IP	-	indigenous peoples
IPP	-	indigenous peoples plan
IPPF	-	Indigenous peoples planning framework
IR	-	involuntary resettlement
LA	-	land acquisition
LVC	-	Land Valuation Committee
NGO	-	nongovernment organization
NRRP	-	National Resettlement and Rehabilitation Policy, 2007
SDRO	-	social development and resettlement officer
SPS	-	safeguard policy statement, 2009
ROW	-	right-of-way
RF	-	resettlement framework
RP	-	resettlement plan
R&R	-	Resettlement and Rehabilitation
VLC	-	village level committee

**NOTE**

In this report, "\$" refers to US dollars.

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.

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## I. BACKGROUND

1. The State witnessed major cloud bursts, incessant rains and major floods in the upper valleys during 15-17 June 2013 that resulted in severe damages in several parts of Uttarakhand. The districts of Bageshwar, Chamoli, Pithoragarh, Rudrapur and Uttarkashi were directly affected by this disaster. These regions are among the country's most important pilgrimage centres and the calamity occurred during the peak pilgrimage season. Several towns have been washed away by the unprecedented flash floods and landslides and a large number of houses, public buildings, roads and bridges, urban and rural infrastructure has been damaged. GoU informed that over 900,000 people have been affected, 580 human lives have been lost and over 5,400 people are still reported as missing.

2. The Uttarakhand Emergency Assistance (Sector) Project (the project) envisages rehabilitation and reconstruction of state roads and bridges, tourism infrastructure (including construction of helipads and trekking routes), urban water supply and urban roads. The expected impact of the project will be economic and social recovery from the disaster in Uttarakhand state. The project outputs will be rehabilitated and reconstructed (i) roads and bridges; (ii) urban infrastructure-mainly water supply systems and urban roads; (iii) tourism infrastructure and trekking routes; and (iv) helipads for emergency evacuation in case of future disaster which will also provide better air connectivity for the tourists and pilgrims. Another output will be project managed and monitored efficiently and strengthened capacity of the concerned sector agencies and local communities. Improved road connectivity would increase mobility and accessibility to educational and health services, employment opportunities, and markets for the community and enterprises in rural and urban areas of the state. The enhanced tourism, the backbone of state economy, will create employment and income generating activities and hence the livelihood to the local communities, including vulnerable groups and women dependent on the flow of large number of tourists and pilgrims in a year. The project will have a positive long-term impact on the state's economy and living standards of the population.

3. The project is proposed to be funded by ADB under emergency loan assistance modality and in accordance with ADB's Safeguard Policy Statement (SPS), 2009, for emergency loan only the resettlement framework (RF) is prepared that will guide the preparation of Resettlement Plan for the relevant subprojects. The RF is based on the data provided in the secondary sources. The findings of the social assessments carried out for ongoing ADB funded projects in their influence area under referred three sectors were also referred to. During the fact finding, meetings and consultations were organized with the concerned government officials, including those from the field, and consultants engaged for implementing the ongoing ADB funded projects to update the data in all three sectors. Thus, the analysis is based on the secondary sources reviewed and the information provided about the project by the officials through personal interactions during the fact-finding mission. Due to perpetuating disaster like conditions, the baseline socio-economic surveys and socio impact assessment could not be conducted and the mission was unable to undertake on-site consultations with the affected persons.

## II. OBJECTIVES, RESETTLEMENT POLICY FRAMEWORK AND ENTITLEMENTS

4. The RF describes the objectives, policy principles and procedures for land acquisition and involuntary resettlement, if any, compensation and other resettlement assistance measures and method for preparation of subprojects under the Loan. It is envisaged that land acquisition and involuntary resettlement will be marginal since reconstruction of damaged infrastructure will generally be within the existing right-of-way (ROW) and available government land. However, the realignment of roads at some stretches and construction of helipads and other facilities at certain locations may require minor land and also cause impacts on structures and other assets.

5. The subproject will, to the extent possible, not require land acquisition or involuntary resettlement, including the displacement of squatters or encroachers from the rights of way. If land acquisition or involuntary resettlement is required for a subproject, a Resettlement Plan will be prepared in accordance with applicable laws and regulations of the National and State Government, ADB's Safeguard Policy Statement (2009) on

Involuntary Resettlement and the agreed Resettlement Framework and submitted to ADB for approval. The project is classified Category B for involuntary resettlement and Category C for indigenous peoples. Subproject selection criteria are formulated to avoid land acquisition, resettlement impacts, and social risks. However, should a need arise during implementation to undertake a subproject classified as Category A for involuntary resettlement or Category B for indigenous peoples, the required re-categorization will be undertaken. Each subproject will be screened for involuntary resettlement impacts. Checklist to be used is given at Appendix 1.

6. In India, compensation for land acquisition (LA) and resettlement assistance for project affected persons/families is directed by the Land Acquisition Act (1894), which has been amended from time to time. In addition to the LA Act, National Rehabilitation and Resettlement Policy, 2007<sup>1</sup> (NRRP-2007) and ADB's Safeguard Policy Statement, 2009 will be followed for the compensation and assistance to displaced persons (DPs). The new SPS has defined the DPs in the context of involuntary resettlement. The displaced persons are those who are physically displaced (relocation, loss of residential land, or loss of shelter) and/or economically displaced (loss of land, assets, access to assets, income sources, or means of livelihoods) as a result of (i) involuntary acquisition of land, or (ii) involuntary restrictions on land use or on access to legally designed parks and protected areas.

7. Table 1 provides the comparison between Government of India's LA Act, NRRP and ADB's SPS. The SPS will prevail where discrepancies exist in the LA Act and NRRP provisions as outlined below.

**Table 1: Comparison Between National Land Acquisition Act, NRRP (2007) and ADB's SPS (2009)**

Sl.	ADB's Involuntary Resettlement Policy Principles	Land Acquisition Act-1894	National Rehabilitation and Resettlement Policy, 2007 (NRRP 2007)	Remarks
1	Involuntary resettlement should be avoided wherever possible	LAA, 1894 only gives directive for acquisition of private land in public interest and does not deal with involuntary resettlement	This principle is equally emphasized under NRRP 2007	NRRP 2007 meets ADB IR Policy requirements.
2	Minimize involuntary resettlement by exploring project and design alternatives	This principle is not emphasized in LAA, 1894	NRRP 2007 aims to minimize displacement and to promote, as far as possible, non-displacing or least-displacing alternatives.	NRRP 2007 meets ADB IR Policy requirements.
3	Conducting census of displaced persons and resettlement planning	No provision	Lay out procedure for census survey and resettlement plan.	NRRP 2007 meets ADB IR Policy requirements.
4	Carry out meaningful consultation with displaced persons and ensure their participation in planning, implementation and monitoring of resettlement program	There is no scope for meaningful consultation.	NRRP 2007 ensure adequate rehabilitation package and expeditious implementation of the rehabilitation process with the consultation and active participation of the affected families.	NRRP 2007 meets ADB IR Policy requirements.
5	Establish grievance	All dispute settled in the court	Project involving involuntary resettlement	NRRP 2007 meets ADB IR Policy

<sup>1</sup> Draft Land Acquisition, Rehabilitation, Resettlement Bill, 2011 approved by the Lower House (Lok Sabha) and Upper House (Rajya Sabha) of the Parliament is under consideration for its passage by the President of India.

Sl.	ADB's Involuntary Resettlement Policy Principles	Land Acquisition Act-1894	National Rehabilitation and Resettlement Policy, 2007 (NRRP 2007)	Remarks
	redress mechanism	of law only	needs to have Grievance redress mechanisms for affected people.	requirements.
6	Support the social and cultural institutions of displaced persons and their host population.	No provision	This is emphasized in the policy.	NRRP 2007 meets ADB IR Policy requirements.
7	Improve or at least restore the livelihoods of all displaced persons	No provision	NRRP 2007 emphasizes the same.	NRRP 2007 meets ADB IR Policy.
8	Land based resettlement strategy	No provision	Loss of asset to be compensated to the extent of actual loss.	NRRP 2007 meets ADB IR Policy.
9	All compensation should be based on the principle of replacement cost	As per the LAA the compensation rate is derived based on the circle rate.	The compensation award shall take into account the market value of the property being acquired.	The market value does not necessarily be same as replacement cost.
10	Provide relocation assistance to displaced persons	No provision of assistance is covered under LAA.	NRRP 2007 emphasizes the same.	NRRP 2007 meets ADB IR Policy.
11	Ensure that displaced persons without titles to land or any recognizable legal rights to land are eligible for resettlement assistance and compensation for loss of non-land assets.	No provision. LAA provides eligibility only to legal title holders for compensation	NRRP 2007 also recognizes the non-titleholder families and ensures R&R benefits.	NRRP 2007 and State policy recognizes only affected persons residing before 3 years of declaration of affected area.
12	Disclose the resettlement plan, including documentation of the consultation in an accessible place and a form and language(s), understandable to displaced persons and other stakeholders.	Under LAA there is only the provision for gazette notification.	NRRP 2007 ensure this principle.	NRRP 2007 meets ADB IR Policy requirements.
13	Conceive and execute involuntary resettlement as part of a development project or program. Include the full costs of resettlement in the presentation of project's costs and benefits.	LAA deals only with land acquisition and not with involuntary resettlement	NRRP 2007 emphasizes to integrate rehabilitation concerns into the development planning and implementation process.	NRRP 2007 meets ADB IR Policy requirements.
14	Pay compensation and provide other resettlement entitlements before	No provision	Full payment of compensation as well as adequate progress in	NRRP 2007 meets ADB IR Policy requirements



Sl.	ADB's Involuntary Resettlement Policy Principles	Land Acquisition Act-1894	National Rehabilitation and Resettlement Policy, 2007 (NRRP 2007)	Remarks
	physical or economic displacement.		resettlement shall be ensured in advance of the actual displacement of the affected families.	
15	Monitor and assess resettlement outcomes, their impacts on the standards of living of displaced persons.	No provision	The policy equally emphasizes the requirement for monitoring.	NRRP 2007 meets ADB IR Policy requirements.

8. The national and state laws and regulation on land acquisition and ADB's SPS will form the basic principles for the Project which will include the following elements:

- Involuntary resettlement (IR) will be avoided or minimized as much as possible by adopting alternative engineering solutions to the Project;
- Where IR is unavoidable, DPs will be assisted to reestablish themselves in order to improve their the pre-project living standards;
- Gender equality and equity would be ensured and adhered to;
- In case of displacement, the DPs shall be fully involved in the selection of relocation sites, livelihood compensation and development of alternative livelihood options during project preparation. The resettlement plan (RP) shall also be prepared in full consultation with DPs, including disclosure of RP, monitoring reports and project related information;
- Replacement land of equal quality and quantity shall be an option for compensation in the case of loss of land. In case of non-availability of replacement land, cash-for-land compensation on replacement value option will be paid to the DPs;
- Compensation for loss of land, structures, trees, other assets and loss of livelihood and income will be based on full replacement cost<sup>2</sup> and will be paid before physical displacement of DPs. This shall include transaction costs;
- All compensation/assistance payments and related activities<sup>3</sup> will be completed prior to the commencement of civil works;
- RP will be prepared and implemented with consultation and participation of people and local authorities;
- In the event of necessary relocation, DPs shall be assisted to integrate into host communities with all infrastructural facilities extended to the host communities as well as the displaced people;
- Loss of common property resources will be replaced/compensated and community/public services will be provided to DPs;
- Resettlement will be planned as a development activity for the DPs;
- All DPs are entitled to receive compensation/assistance irrespective of title over land/property. However people moving in the project area after the census cut-off date will not be entitled to any compensation/assistance. In case of land acquisition, the date of notification for acquisition will be treated as cut-off date. For non-titleholders such as squatters and encroachers the date of census

<sup>2</sup> Replacement cost means the method of valuing assets to replace the loss at fair market value, or its nearest equivalent, plus any transaction costs such as administrative charges, taxes, registration, and titling costs. There will not be any depreciation in the value due to the age of structures.

<sup>3</sup> While compensation is required prior to dispossession or displacement of affected people from their assets, the full resettlement plan implementation, which may require income rehabilitation measures, might be completed only over a longer period of time after civil works have begun. Displaced people will be provided with certain resettlement entitlements, such as land and asset compensation and transfer allowances, prior to their displacement, dispossession, or restricted access.

survey or a similar designated date declared by the Executing Agency will be considered as cut-off date.

- The non-titled displaced persons will be only entitled for non-land assets compensation.
- Vulnerable groups (households below the recognized poverty line; disabled, elderly persons or women headed households, Scheduled Tribes/Scheduled Castes) will be identified and given appropriate assistance to improve their pre project status or their living standards.
- A grievances redress mechanism will be established to redress the grievances of affected people and other stakeholders efficiently.

9. In the absence of a policy consistent with ADB's SPS, this framework and resettlement procedural guidelines shall apply to all subprojects under the loan so as to ensure that persons affected by land acquisition and/or involuntary resettlement will be eligible for appropriate compensation and rehabilitation assistance.

10. As stated earlier, the project as a whole is adopting the approach to avoid and minimize impacts on land, structures and common property resources by adopting feasible technical designs. The reconstruction of damaged infrastructures in all the three sectors will be within the existing right-of-way (ROW) and government land available except at certain locations where minor adjustment and realignment, which may be required due to technical design like improving geometry in road sector.

11. Regarding the eligibility of compensation, all the DPs will be provided with compensation and rehabilitation if (i) their land is lost/reduced, (ii) income source adversely affected, (iii) houses partially or fully demolished, and (iv) other properties such as crops, trees and other assets or access to these properties are reduced or damaged due to the Project. Absence of legal documents of their customary rights of occupancy/titles shall not affect their eligibility for compensation. It also must be noted that during the Project implementation stage, if there are any changes in the alignments, thereby adversely affecting the land, livelihood or other assets of the people, the same shall be compensated in accordance with this framework.

12. The framework stipulates payment of compensation as per the assessed value of the land and structure to the DPs. In addition to compensation payments made by Land Acquisition Officer/Competent Authority, the DPs will receive additional assistance in cash or kind to match replacement costs, which is the difference between the market value and the value assessed by the land valuation committee (LVC), if any, for lost assets (land and houses), transaction costs such as stamp duties/registration costs (in case of purchase of replacement land) and other cash grants and resettlement assistance such as shifting allowance, compensation for loss of workdays/income due to dislocation. The vulnerable households (such as households headed by women, Scheduled Tribes/Scheduled Castes, disabled, and elderly persons) will be eligible for further cash assistance for relocation and house reconstruction and will be assisted during shifting, if required.

13. The Entitlement Matrix (Table 2) details out various types of losses, identification/eligibility and entitlements and provides basic parameters for preparation of compensation and resettlement benefits. The matrix will apply to all the subprojects, based on the specific project impacts.

**Table 2: Entitlement Matrix**

No.	Type of Loss	Unit of Entitlement	Entitlement	Details
<b>A. LOSS OF LAND AND ASSETS</b>				
1	Loss of agricultural land and assets	a. Titleholder b. DPs with customary land right c. Permit for use from local	<ul style="list-style-type: none"> <li>• Compensation at replacement value</li> <li>• Resettlement assistance</li> <li>• Transitional allowance</li> </ul>	a. Compensation will be paid as per the Land Acquisition Act.(LAA) b. If the compensation determined by the Competent Authority/DC as per LAA is less than the replacement value, then



No.	Type of Loss	Unit of Entitlement authority	Entitlement	Details
			<ul style="list-style-type: none"> <li>• Special provision for vulnerable group</li> </ul>	<p>the difference is to be paid by the EA as assistance.</p> <p>c. If the residual plot(s) is(are) not viable, i.e., the DP becomes a marginal farmer, any of the following 3 options are to be given:</p> <ul style="list-style-type: none"> <li>• The DP remains on the plot, and the compensation and assistance paid to the tune of required amount of land to be acquired.</li> <li>• Compensation and assistance are to be provided for the entire plot including residual part. If the owner of such land wishes that his residual plot should also be acquired by the EA, the EA will acquire the residual plot and pay the compensation for it.</li> <li>• If DP is from vulnerable group, compensation for the entire land by means of land for land will be provided if DP wishes so, provided that the land of equal or more productive value is available.</li> </ul> <p>d. Transitional allowance of INR 3,000 per month for 6 months if the residual land is not viable or for 3 months when the residual land is viable. This will be calculated by prevalent daily wage rate.</p> <p>e. All fees, stamp duties, taxes and other charges, as applicable under relevant laws, incurred in the relocation and rehabilitation process, are to be borne by the EA.</p>
2	Loss of non-agricultural land (i.e., homestead and residential structures)	a. Titleholder b. DPs with customary land right c. Permits from local authority	<ul style="list-style-type: none"> <li>• Compensation at replacement value</li> <li>• Resettlement assistance</li> <li>• Transitional allowance</li> <li>• Shifting assistance</li> </ul>	<p>a. Compensation for land and structure will be paid as per LAA.</p> <p>b. If the compensation determined by the Competent Authority/DC as per LAA is less than the replacement cost, then the difference is to be paid by the EA as assistance.</p> <p>c. Replacement cost for residential structure (part or full), which will be calculated as per the prevailing basic schedule of rates (BSR) without depreciation, subject to relevant "quality standards" of</p>

No.	Type of Loss	Unit of Entitlement	Entitlement	Details
				<p>BSR as maintained by Government/local body.</p> <p>d. Transitional assistance of INR 3,000 per month in the form of grant to cover a maximum nine months rental accommodation.</p> <p>e. A lump sum shifting allowance of INR 1,500 to INR 2,500 depending on the type of structure and extent of impact.</p> <p>f. Right to salvage material from demolished structure and frontage, etc.</p> <p>g. Project assisted relocation option will be provided to those whose residential structures become non-livable as a result of Project impacts and a relocation site will be developed in consultation with these affected households (subject to availability of land)</p>
3	Loss of non-agricultural land (i.e., loss of commercial land and structures)	<p>a. Titleholder/ Owner (commercial land and structure)</p> <p>b. DPs with customary land right</p> <p>c. Permits from local authority</p>	<ul style="list-style-type: none"> <li>• Compensation at market rate or replacement value</li> <li>• Resettlement assistance</li> <li>• Transitional allowance</li> <li>• Shifting assistance</li> </ul>	<p>a. Compensation for land and structure will be compensated at the replacement cost</p> <p>b. If replacement cost for land and structure is more than the compensation determined by the Competent Authority, then difference is to be paid by the EA in the form of "assistance".</p> <p>c. DP will be provided replacement cost of the commercial structure (part or full), which will be calculated as per the prevailing basic schedule of rates (BSR) without depreciation, subject to relevant "quality standards" of BSR as maintained by Government/Local Bodies.</p> <p>d. Transitional assistance of INR 3,000 per month in the form of grant to cover a maximum period of nine months.</p> <p>e. A lump sum shifting allowance of INR 1,500 to INR 2,500 depending on the type of structure and extent of impact.</p> <p>f. Right to salvage material from demolished structure and frontage, etc.</p> <p>g. Training would be provided for</p>

No.	Type of Loss	Unit of Entitlement	Entitlement	Details
				upgradation of skills. h. Project assisted relocation option will be provided to those commercial structures can no longer be used as a commercial enterprise as a result of the Project and a relocation site will be developed in consultation with these affected households (subject to availability of land).
4	Loss of Residential Tenancy	Residential Tenants	<ul style="list-style-type: none"> <li>• Relocation assistance</li> <li>• Compensation</li> <li>• Shifting assistance</li> </ul>	a. The amount of deposit or advance payment paid by the tenant to the landlord or the remaining amount at the time of expropriation. (This will be deducted from the payment to the landlord.) b. A sum equal to 3 months rental or INR 3,000 per month, whichever is lesser in consideration of the disruption caused. c. Compensation for any structure that tenant has erected on the property. (This will be deducted from the payment to the landlord.) d. A lump sum shifting allowance of INR 1,500 to INR 2,500 depending on the type of structure and extent of impact.
5	Loss of commercial tenancy	Commercial tenants	<ul style="list-style-type: none"> <li>• Relocation assistance</li> <li>• Compensation</li> <li>• Shifting assistance</li> </ul>	a. The amount of deposit or advance payment paid by the tenant to the landlord or the remaining amount at the time of expropriation. (This will be deducted from the payment to the landlord.) b. A sum equal to 3 months rental or INR 3,000 per month, whichever is lesser in consideration of the disruption caused. c. Compensation for any structure that tenant has erected on the property. (This will be deducted from the payment to the landlord.) d. A lump sum shifting allowance of INR 1,500 to INR 2,500 depending on the type of structure and extent of impact.
<b>B. LOSS OF LIVELIHOOD OF TITLEHOLDERS</b>				
6	Loss of wage earnings	a. Employed in SBEs b. Agricultural laborer/	Assistance	a. This is valid for persons indirectly affected due to their employer being displaced. Assistance is to be paid on a case by case basis.

No.	Type of Loss	Unit of Entitlement	Entitlement	Details
		sharecroppers		as per the prevailing local wage rates for 100 days. b. Employment opportunity for DPs in the construction work if desired so by them.
7	Income from non-perennial crops and trees	Household	<ul style="list-style-type: none"> <li>• Notice to harvest standing crops</li> <li>• Compensation of standing crops</li> </ul>	a. Advance notice to DPs to harvest their crops. b. In case of standing crops, cash compensation at current market value. c. Grant for replacement of seeds for the next season's harvest towards loss of crops before harvest due to forced relocation. d. Trees will be compensated as per prevailing rate of relevant department.
8	Perennial crops such as fruit trees	Household	Compensation at market value	a. Advance notice to DPs to harvest their crops. b. Compensation for perennial crops and trees calculated as annual produce value for at least 3 seasons. c. Grant for replacement of seeds for the next season's harvest towards loss of crops before harvest due to forced relocation. d. Trees will be compensated as per prevailing rate of relevant department.
<b>C. LOSSES OF NON-TITLEHOLDERS</b>				
9	Loss of agricultural land, residential and commercial structure by encroachers	Households who have illegally extended their legally owned land/ property onto public or other private land	<ul style="list-style-type: none"> <li>• No compensation for land</li> <li>• Compensation for structures only to <u>vulnerable household</u></li> <li>• Shifting assistance for <u>vulnerable encroachers</u></li> <li>• R&amp;R Assistance only to <u>vulnerable households</u></li> <li>• Right to salvage materials</li> </ul>	a. Encroachers will be notified and given a time in which they will be required to remove their assets and harvest their crops. b. Compensation for structures at replacement cost to the vulnerable households. c. Training would be provided for upgradation of skills to the DPs belonging to vulnerable groups and losing their commercial structures. d. Shifting allowance of INR1,500 to INR 2,500 lump sum for shifting depending on the type of structure and extent of impact. e. Right to salvage materials from the demolished structure.
10	Loss of	Households	• No compensation	a. Compensation for loss of structure

No.	Type of Loss	Unit of Entitlement	Entitlement	Details
	residential and commercial structure by squatters/informal settlers	living/ earning their livelihood by illegally occupying public or private land	for land <ul style="list-style-type: none"> <li>• Compensation for structures</li> <li>• Shifting assistance</li> <li>• R&amp;R Assistance</li> <li>• Right to salvage materials</li> </ul>	<p>a. at replacement cost.</p> <p>b. A lump sum shifting amount of INR 1,500 to INR 2,500, depending on the type of structure.</p> <p>c. Squatters/informal settlers will be notified and given a time in which they will be required to remove their assets.</p> <p>d. Transitional allowance of INR 3,000 for a period of 3 to a maximum of 6 months, depending on the extent of the impact.</p> <p>e. Training would be provided for upgradation of skills to DPs losing their commercial structures.</p> <p>f. Right to salvage material from the demolished structure.</p> <p>g. Project assisted relocation option provided to those whose residential/commercial structures become non-livable as a result of project impacts and relocation site will be developed in consultation with these affected households (subject to availability of land)</p>
11	Shifting Business – Mobile vendors	Household	Assistance for business disruption	Ambulatory vendors who have been granted license for operating will be paid assistance as one time lump sum amount of INR 3000.
12	Kiosks	Household	Assistance for business disruption	Vendors who have been granted license for operating from a fixed location will be considered as kiosk. Assistance will be paid as one time lump sum amount of INR 3,000
<b>D. ADDITIONAL SUPPORT TO VULNERABLE GROUP</b>				
13	Primary source of income	Vulnerable households including BPL, SC, ST, WHH, disabled, and elderly	Additional assistance to vulnerable groups	One time lump sum assistance of INR 5,000 to vulnerable households. This will be paid above and over other assistance(s) as per this framework.
<b>E. LOSS OF COMMUNITY INFRASTRUCTURE/COMMON PROPERTY RESOURCES</b>				
14	Common property resources	Community	Compensatory replacement	Cash compensation or reconstruction of the community structure in consultation with the community.
15	Temporary impact during construction includes disruption of normal traffic,	Community/ Individual	Compensation	<p>a. The contractor shall bear the cost of any impact on structure or land due to movement of machinery during construction.</p> <p>b. All temporary use of lands outside the proposed right-of-way to be</p>

No.	Type of Loss	Unit of Entitlement	Entitlement	Details
	increased noise levels, and damage to adjacent parcel of land/assets due to movement of heavy machinery			through written approval of the landowner and contractor. c. Location of construction camps by contractors in consultation with EA.
<b>F. ANY OTHER IMPACT</b>				
16	Unforeseen impacts, if any	Unforeseen impacts will be assessed on case by case basis and compensation/ assistance will be paid in accordance with agreed RF, IPPF, ADB's SPS (2009) and National and State policies.		

BPL=below poverty line, DP=displaced person, EA=Executing Agency, SC=scheduled caste, ST=scheduled tribe, WHH=women-headed household.

### III. SOCIOECONOMIC INFORMATION

14. EA/IAs will prepare the RPs for relevant subprojects following ADB's SPS as stated in this RF. The social impact assessment and the Census and socio-economic surveys will be conducted to collect the data from the DPs and other stakeholders from the impacted locations.

15. Social impact assessment surveys include 100% census of the DPs, a full asset inventory, land ownership details, usage and productivity of land and/or other assets. In addition, a detailed socio-economic survey of sample 10% of DPs and 20% of the severely affected DPs will be carried out to assess the impacts and socio-economic profile of DPs, especially those belonging to vulnerable groups under the project. It will be based on the final technical designs for the subprojects. The questionnaire will be administered for collecting data from the project affected persons by the resettlement specialists (SDROs).<sup>4</sup> In addition, focus group discussions and consultations will be conducted with APs and other stakeholders, as applicable, by the specialists. The information will also be furnished in the ADB subscribed checklists for screening and categorization of IR and IPs impacts under each subproject.

16. The asset valuation of the acquired land and asset will be done based on the principle of compensation at the replacement cost of the affected assets.

17. **Valuation of Land:** For land acquisition under the project, a LVC will be constituted at the district level. The Committee will be chaired by the District Collector or his/her representative and will have representatives of local self-government institutions, representatives of DPs, local NGOs as required. The LVC will be responsible to make independent valuation of land/other assets based on existing market replacement cost and will help the EA in expediting the process of land acquisition. The EA is encouraged to acquire land and other assets through a negotiated settlement wherever possible. However, the EA has to agree with ADB on consultation process, policies, and laws that are applicable to such transactions; third-party validation; mechanisms for calculating the replacement costs of land and other assets affected; and record keeping requirements.

(a) **Land surveys:** EA in consultation with LVC will conduct the land surveys for determining the payment of compensation on the basis of updated official records and ground facts. In determining the

<sup>4</sup> The resettlement specialist hired as consultants/social development and resettlement officers (SDRO) will have sociology/anthropology educational background and experience of working in ADB funded projects.

replacement value of land, the LVC will (i) appraise recent sales and transfer of title deeds and registration certificates for land in subproject area; and (ii) determine whether the compensation being paid is a true reflection of replacement cost of land based on compilation of appraised rates.

- (b) **Valuation of Structures:** The valuation of houses, buildings and other immovable assets will be determined on the basis of relevant Basic Schedule of Rates (BSR) as on date without depreciation. While considering the BSR rate, EA will ensure that it uses the latest BSR for the residential and commercial structures in the project areas of the state. Compensation for the community property resources, including places of worship will be provided, to enable construction of the same at new places or its renovation, as applicable, through the community and local self-governing bodies/appropriate authority in accordance with the practices followed and ensure the use of compensation amount appropriately.
- (c) **Valuation of Crops and Trees:** The valuation of crops and trees will be based on survey of market prices to establish an average market price and an assessment to ensure that compensation for loss of crops / trees is not lesser than that price.

18. All compensation and other assistances will be paid to all DPs prior to commencement of civil works. After payment of compensation, DPs would be allowed to take away the materials salvaged from their dismantled houses and shops and no charges will be levied upon them for the same. The value of salvaged materials will not be deducted from the overall compensation amount due to the DPs. A notice to that effect will be issued immediately intimating that DPs can take away the materials. DPs receiving compensation for trees will be allowed to take away timber of their acquired trees for their domestic use. Trees standing on the land owned by the government will be disposed-off through open auction by the concerned Department.

#### IV. PREPARATION OF RESETTLEMENT PLAN

19. Resettlement plans will be prepared for subprojects based on the results of the census and socio-economic survey. The database of DPs should be completed before resettlement plan preparation. Resettlement plans will be commensurate with subproject involuntary resettlement impacts. All subprojects identified with significant<sup>5</sup> or marginal resettlement impacts require preparation of RPs and its approval from ADB prior to award of contracts for that subproject. If there is no impact on subproject, a brief report, based on due diligence, will be prepared and submitted to ADB confirming the same and also stating reasons for the same. The format detailing out the procedure of preparing a RP is enclosed at Appendix 2.

20. The RPs must comply with ADB's SPS. The impact on IPs is not anticipated under the project. EA will confirm it based on social impact assessment for each subproject. In case impacts on indigenous peoples (IPs) are identified, then an IPP will be prepared in accordance with the IPPF and the SPS, 2009. The EA will submit the IPP to ADB for approval. The submission of RP for approval to ADB for the relevant subproject will be made together with subproject appraisal report, which would be prior to awarding civil works contract to the contractor. Payments of compensation and assistance amount as per entitlement matrix to DPs will be made prior to displacement under the project.

#### V. CONSULTATION, PARTICIPATION AND DISCLOSURE

<sup>5</sup> Source: Asian Development Bank Operations Manual –Operational Procedure on Involuntary Resettlement Involuntary Resettlement Category A: Significant means 200 or more affected people will experience major impacts, which are defined as (i) being physically displaced from housing, or (ii) losing 10% or more of their productive assets (income generating). Involuntary Resettlement Category B: Not Significant include involuntary resettlement impacts that are not deemed significant as per the ADB Operational manual Involuntary Resettlement Category C: No involuntary resettlement impacts. A resettlement plan is required in case of both category A and B projects.



21. Each RP will be prepared in close consultation with the DPs and other stakeholders. They will be informed and consulted about (i) the subproject and its impacts; (ii) process of RP preparation; (iii) entitlements and options, including the cut-off date for eligibility; (iv) relocation sites with facilities, if necessary; (v) mechanism of grievance redress; and (vi) tentative time schedule of project implementation. The consultation will also dwell on institutional arrangement of the project implementation including RP activities, the personnel responsible for RP implementation and grievance redress.

22. Information dissemination and meaningful consultation is an ongoing process that will continue throughout the project cycle. The DPs, representatives of local bodies, NGOs, IA officials and other stakeholders will be consulted and their opinion solicited will be incorporated in preparing, updating and implementing the RPs. They will participate from the initial phase of project design, as required, preparation, implementation and monitoring of RPs. Different techniques of consultations with the stakeholders include interviews, focus group discussions, participatory public meetings, etc. Particular attention will be given to the vulnerable groups, including women. All consultations undertaken will be documented in draft RP and updated RP and in monitoring reports during resettlement plan implementation. This will include minutes of meetings, photos and attendance sheets. Public Consultation and Disclosure Plan will be prepared for each subproject. The format for the Public Consultation and Disclosure Plan is enclosed at Appendix 3.

23. The draft and final RPs and updated RPs, as required, will be made available to DPs and other stakeholders in vernacular language(s) at the public places and IAs and PMU offices. The copies of RPs will also be available at village panchayat/ municipal body, Block Development Office, and District Collector office. The summarized RP in pamphlets/brochures will be distributed to the DPs and other stakeholders timely. The draft, final and updated RPs and social monitoring reports will be disclosed on ADB and PMU website.

## **VI. COMPENSATION, INCOME RESTORATION AND RELOCATION**

### **A. Compensation**

24. Land acquisition and resettlement impacts will be compensated in accordance with the provisions of the entitlement matrix for the project. Compensation for loss of land will be determined on the basis of replacement value. The value of the houses, buildings and other immovable properties of DPs will be determined for the purpose of payment of compensation at the relevant Basic Schedule of Rates (BSR) published by the state government. Compensation for trees will also be based on their market value in case of timber bearing trees and replacement value in case of fruit bearing trees based on rates fixed by the relevant department. Compensation for other assets (wells, irrigation units, etc.) will be based on replacement value.

25. Full compensation will be paid and resettlement of DPs will be completed before taking possession of land/properties and prior to the start of civil works. The DPs will hand over to the Government, land and properties acquired free from all encumbrances such as mortgage and debt. However, in case of any loans, on such acquired land and properties given to the DP by any government agency, remains unadjusted based on the information furnished by the DP or by the lending agency, such amounts will be deducted from total compensation. The acquired land and properties will vest with the Competent Authority paying compensation for such lands/properties.

### **B. Income Restoration and Relocation**

26. Long term loss of income or disruption of livelihood due to the project is not envisaged. The likely impacts on livelihood are related to disruptions of business, loss of livelihood for commercial activities of DPs in and around the subproject locations during the construction period. Such impacts will be mitigated as per the provisions given in entitlement matrix. The basic objective of income restoration is to ensure that each DP will at least have the same or improved income and livelihood after subproject implementation. Short-term income restoration activities are intended to restore DP's income through short-term allowances such as (i) subsistence/transitional allowance; and (ii) shifting assistance. These have been integrated into the entitlement



matrix. In the unlikely event of any loss of livelihood resulting in long term livelihood impacts, income restoration schemes will be designed in consultation with DPs. The need assessment of DPs and market survey for the products to be produced through income /entrepreneurial training will be carried out prior to finalization of the training programs. The resettlement plan budget will reflect the cost of providing income generating assets and training. The executing agency will also ensure the access of government schemes to the DPs that could help them restore income and livelihoods.

27. In case of involuntary displacement is unavoidable a suitable resettlement site will be searched in consultation with the DPs. The land will be complete with all infrastructural facilities including water, electricity, sewerage, drainage (if within urban locality), and other appropriate civic amenities. If the area is within existing inhabited locality, all the facilities will also be extended to the host communities. As far as possible, the displaced families will be relocated *en masse*, especially if they belong to scheduled castes/scheduled tribe communities or other minorities. All efforts will be taken to restore their social/cultural institutions in the relocation sites and preserve a communal harmony among the host and resettled communities.

## VII. GRIEVANCE REDRESS MECHANISM

28. At the project level, the implementing agency together with the NGO will redress the grievances of DPs in the first place. At the district level, a Grievance Redress Committee (GRC) will be formed to deal with the disputes and grievances of DPs and facilitate timely implementation of the project. The GRC will be headed by the district collector or a representative from the collector's office. The GRC will have the representatives from the respective IA, DPs, including from vulnerable groups, local government and RP implementing NGO. The RP implementing NGO will organize the GRC meetings on monthly basis or as per project requirement. The NGO will first register the grievances and take up with GRC for redressal. In the event that a grievance is not addressed by the GRC, the DP can seek legal redress of the grievance in the appropriate Courts in accordance with judicial system at state and national levels.

29. The functions of the GRC are as follows:

- (i) Provide support to DPs on problems arising from land acquisition (temporary or permanent); asset acquisition; and eligibility for entitlements, compensation and assistance;
- (ii) Record grievances of DPs, categorize and prioritize them and provide solutions in time; and
- (iii) Report to the aggrieved parties about developments regarding their grievances and decisions of the GRC.

30. The process will promote conflict resolution through mediation. Grievances will be redressed within two to four weeks from the date of lodging the complaints, depending on severity of problem. All costs incurred in resolving the complaints will be borne by the EA. A comprehensive record will be maintained by EA for all grievance proceedings and subsequent redress.

## VIII. INSTITUTIONAL ARRANGEMENTS AND IMPLEMENTATION

31. The RP will include adequate institutional arrangements to ensure effective and timely design, planning, consultation, and implementation of resettlement activities comprising payment of compensation, resettlement assistance and rehabilitation measures.

32. The EA will have the primary responsibility of planning, coordination and financing the implementation of the RPs. The EA will appoint a full-time Social Development and Resettlement Officer (SDRO) with requisite educational qualification and experience in ADB funded projects, in the PMU. He/she will be responsible for coordinating the preparation and implementation of resettlement plans in consultation with the respective IAs. The EA will ensure one SDRO in each IA. The SDRO, PMU will be overall responsible for monitoring and reporting about the implementation of RPs. The EA will engage experienced NGOs/agency for assisting implementation of RPs, who will have a gender specialist as a member of the team. The SDRO at the PMU

level will coordinate with the IAs, DSCs, and the Land Acquisition Officer at the district level for the effective resettlement plan implementation. The SDROs will be provided with necessary trainings on resettlement implementation and management. The NGO/agency staff will also undergo an orientation and training in implementation and management of resettlement activities.

33. An indicative schedule will be prepared for RP implementation activities vis-à-vis construction works. It will show the time schedule of land acquisition and resettlement activities including target dates for commencement and completion of works and procedures for implementing the key activities. The detailed implementation schedule will describe all activities related to R&R and payment of compensation for losses and preparation for relocation site, if necessary, before displacement of any affected household and commencement of civil work activities. Responsibility for RP implementation is given in Table 3.

**Table 3: Agencies Responsible for Resettlement Implementation**

Activity	Responsible Agency
Appointment of one SDRO in PMU	EA
Appointment of three SDROs for each implementing agency (IAs)	EA
Organizing resettlement training workshop	PMU
Social screening, categorization of impacts, , census and surveys and preparation of land acquisition plan, resettlement plan, IPP	PMU through IAs/ DSCs
Hiring of NGOs	EA
Public consultation and disclosure of RP, IPP, monitoring reports	PMU/IAs/DSCs/NGO
Establishment of grievance redressal mechanism	PMU/IAs/NGO
Coordination with district administration for land acquisition	PMU/IAs/
Declaration of cut-off date	PMU/IAs
Review and obtaining of approval of RP/IPP from ADB	PMU
Submission of land acquisition proposals to District Commissioner	PMU/IAs
Compensation award and payment of compensation	District Commissioner
Payment of replacement value allowance	PMU/IAs
Taking possession of acquired land to contractors for construction	PMU/IAs
Notify the date of commencement of construction to DPs	PMU/IAs
Assistance in relocation, particularly for vulnerable groups	IAs/NGO
Internal monitoring of RP implementation	PMU/IAs/NGO
External monitoring and evaluation	External monitor

NGO=nongovernment organization, IA=Implementing Agency, PMU=Project Management Unit, SDRO= Social development resettlement officer, RP=resettlement plan.

## IX. BUDGET AND FINANCING

34. A detailed budget estimate for RP implementation for each subproject will be prepared by EA. The budget shall include: (i) detailed costs of land acquisition, relocation, and livelihood and income restoration and improvement; (ii) source of funding; (iii) administrative costs; (iv) external monitoring cost; (v) cost of hiring agency/NGO to implement RP; (vi) arrangement for approval of budget, the flow of funds, and contingency arrangements. All land acquisition, compensation, relocation and rehabilitation, administrative, monitoring and

consultant cost, income and livelihood restoration cost will be borne by the EA which will ensure timely disbursement of funds to the District Collector office for land acquisition and the Implementing Agency/NGOs for RP implementation. Tentative details for budget estimation are given in Table 4.

**Table 4: R&R Budget Estimation (in INR)**

Items	Unit Rates	Quantity	Total
Compensation for loss of private land			
Compensation for loss of structures			
Compensation for loss of trees			
Resettlement costs and assistance, including to vulnerable groups			
Administration and implementation costs, including costs of surveys, consultations, training, grievance redress, etc.			
Hiring resettlement experts/social development & resettlement officers			
Hiring NGOs			
Hiring External Monitor			
Contingencies (15 % of total cost)			

#### **X. MONITORING AND REPORTING**

35. Monitoring and reporting for the project will be both internal and external. The EA with the help of implementing NGO and SDRs will conduct regular internal monitoring of resettlement implementation and prepare monthly progress reports. The reports will contain progress made in RP implementation with particular attention to compliance with the principles and entitlement matrix set out in the resettlement plan. The report will also document consultation activities conducted; provide summary of issues or problems identified and actions taken to resolve the issues; and provide summary of grievances or complaints lodged by DPs and actions taken to redress such complaints. The monitoring reports will be disclosed in the same process the resettlement planning documents are disclosed.

36. For external monitoring, qualified and experienced external agency/experts will be hired by the EA in agreement with ADB to undertake external monitoring for the project. The external monitor will verify the internal monitoring information, advise EA on safeguard compliance issues and if any significant involuntary issues are identified, prepare corrective action plan to address such issues. External monitoring reports will be prepared and submitted to the EA that will be further submitted to ADB on a semi-annual basis. In addition, the external monitor would conduct mid-term and end-term impact evaluation and submit reports.

37. **Monitoring Indicators.** The indicators for achievement of objectives under resettlement implementation are of two kinds:

- (i) Process Indicators: Indicating project inputs, expenditure, staff deployment, etc.

- (ii) Output Indicators: Indicating results in terms of numbers of DPs compensated, area of temporarily occupied lands restored, etc.

38. Input and output indicators related to physical progress of the work will include items such as:

- (i) Training of SRDOs, NGOs and other staff completed;
- (ii) Census, assets inventories, assessments and socio-economic studies completed;
- (iii) Grievance redress procedures in-place and functioning;
- (iv) Compensation payments disbursed;
- (v) Relocation of DPs completed.
- (vi) Employment provided to DPs, including vulnerables and women.
- (vii) Monitoring and evaluation reports submitted.

**39. Impact Evaluation**

The broad objectives of the impact evaluation are as follows:

- (i) To assess whether DPs have improved their living standards, in terms of income, housing condition, access to infrastructure, ownership of land and material assets;
- (ii) To evaluate whether safeguards objectives of the project are being achieved;
- (iii) To monitor schedules and achievement of targets.

### INVOLUNTARY RESETTLEMENT IMPACT CATEGORIZATION CHECKLIST

Probable Involuntary Resettlement Effects	Yes	No	Not Known	Remarks
<b>Involuntary Acquisition of Land</b>				
1. Will there be land acquisition?				
2. Is the site for land acquisition known?				
3. Is the ownership status and current usage of land to be acquired known?				
4. Will easement be utilized within an existing Right of Way (ROW)?				
5. Will there be loss of shelter and residential land due to land acquisition?				
6. Will there be loss of agricultural and other productive assets due to land acquisition?				
7. Will there be losses of crops, trees, and fixed assets due to land acquisition?				
8. Will there be loss of businesses or enterprises due to land acquisition?				
9. Will there be loss of income sources and means of livelihoods due to land acquisition?				
<b>Involuntary restrictions on land use or on access to legally designated parks and protected areas</b>				
10. Will people lose access to natural resources, communal facilities and services?				
11. If land use is changed, will it have an adverse impact on social and economic activities?				
12. Will access to land and resources owned communally or by the state be restricted?				
<b>Information on Displaced Persons:</b>				
Any estimate of the likely number of persons that will be displaced by the Project? <span style="float: right;">[ ] No [ ] Yes</span>				
If yes, approximately how many?				
Are any of them poor, female-heads of households, or vulnerable to poverty risks? <span style="float: right;">[ ] No [ ] Yes</span>				
Are any displaced persons from indigenous or ethnic minority groups? <span style="float: right;">[ ] No [ ] Yes</span>				

Note: The project team may attach additional information on the project, as necessary.

### FORMAT AND SCOPE OF A RESETTLEMENT PLAN

Topic	Contents
<b>Executive Summary</b>	
<b>Project Description</b>	<ul style="list-style-type: none"> <li>Provides a general description of the subprojects, project components resulting in land acquisition, involuntary resettlement; identify the project area and provides alternative to avoid or minimize resettlement impact.</li> </ul>
<b>Scope of Land Acquisition and Resettlement</b>	<ul style="list-style-type: none"> <li>Project's potential impacts, includes maps of the areas or zones of impact</li> <li>Scope of land acquisition (with maps), and explaining necessity for the project</li> <li>Summarizes the key effects in terms of assets acquired and displaced persons</li> <li>Details of common property resources</li> </ul>
<b>Socioeconomic Information and Profile</b>	<ul style="list-style-type: none"> <li>Definition, identification and enumeration of people and communities to be affected</li> <li>Description of likely impacts of land / assets acquisition on people and on communities considering the social, cultural and economic parameters</li> <li>Discuss project impact on poor, indigenous and ethnic minorities and other vulnerable groups</li> <li>Identification of gender and resettlement impact, needs and priorities of women</li> </ul>
<b>Information Disclosure, Consultation and Participation</b>	<ul style="list-style-type: none"> <li>Identification of project stakeholders, especially primary stakeholders</li> <li>Description of consultation and participation mechanism to be used during different stages of project cycle</li> <li>Describes activities undertaken to disseminate project and resettlement information during project design and preparation for engaging stakeholders</li> <li>Summarizes results of consultations with DPs, discusses how concerns raised and recommendations made were addressed in the RP</li> <li>Confirms disclosure of the RP and monitoring reports to the DPs and includes arrangements to disclose any subsequent plans</li> <li>Describes planned information disclosure measures and the process for consultation with the DPs during project implementation</li> </ul>
<b>Grievance Redress Mechanisms</b>	<ul style="list-style-type: none"> <li>Mechanisms for resolution of conflicts and appeals procedures</li> </ul>
<b>Legal Framework</b>	<ul style="list-style-type: none"> <li>Describes national and local laws, regulations, policy that apply to the project and gaps, if any, to be identified between local laws and ADB's Safeguard Policy Statement requirements and discuss how to address the gap</li> <li>Describes legal and policy commitments from the EA for all types of DPs</li> <li>Outlines the principles and methodologies used for determining valuations and compensation rates at replacement cost for</li> </ul>

Topic	Contents
	<p>assets, incomes and livelihoods; set out eligibility criteria and compensation disbursement schedule</p> <ul style="list-style-type: none"> <li>• Describes land acquisition process and prepare a schedule for meeting key procedural requirements</li> </ul>
<b>Entitlement, Assistance and Benefits</b>	<ul style="list-style-type: none"> <li>• Defines displaced persons' entitlements and eligibility criteria, all resettlement assistance measures (includes Entitlement Matrix)</li> <li>• Specifies all assistance to vulnerable people</li> <li>• Outlines opportunities for DPs to derive development benefits from the project</li> </ul>
<b>Relocation of Housing and Settlements</b>	<ul style="list-style-type: none"> <li>• Describes options for housing and other structures, including replacement housing, replacement cash compensation and self-relocation</li> <li>• Describes relocation sites, community consultations, justification of site selection, environmental assessment and development needs</li> <li>• Provides time schedule for site preparation and transfer</li> <li>• Legal arrangements to regularize tenure and transfer of titles to DPs</li> <li>• Outlines measures of assisting DPs to transfer and establish at new relocation sites</li> <li>• Describes plans of civic infrastructures</li> <li>• Method of integration with host communities</li> </ul>
<b>Income Restoration and Rehabilitation</b>	<ul style="list-style-type: none"> <li>• Identifies livelihood risks and prepares disaggregated table based on demographic data and livelihood sources</li> <li>• Describes income restoration measures, including multiple options for restoring all livelihoods</li> <li>• Outlines measures to provide social safety net through social insurance and/ project special fund</li> <li>• Special measures to support vulnerable groups</li> <li>• Explains gender considerations</li> <li>• Describes training programs</li> </ul>
<b>Resettlement Budget and Financing Plan</b>	<ul style="list-style-type: none"> <li>• Provides an itemized budget for all resettlement activities, including resettlement unit, staff training, monitoring and reporting and preparation of RPs during loan implementation</li> <li>• Describes the flow of funds</li> <li>• Includes justification for all assumptions made in calculating compensation rates and other cost estimates plus replacement cost</li> <li>• Includes information about source of funding for the resettlement budget</li> </ul>
<b>Institutional Arrangements</b>	<ul style="list-style-type: none"> <li>• Describes institutional arrangement responsibilities and mechanism for carrying out the measures of the RP</li> <li>• Includes institutional capacity building programs, technical assistance, etc</li> <li>• Describes role of NGOs, organizations of the DPs in RP planning and management</li> <li>• Describes how women's groups will be involved in RP planning and management</li> </ul>

Topic	Contents
<b>Implementation Schedule</b>	<ul style="list-style-type: none"><li>• A detailed time bound implementation schedule for all key R&amp;R activities that will be included. It should cover all activities synchronized with project civil construction works and land acquisition process and timeline</li></ul>
<b>Monitoring and Reporting</b>	<ul style="list-style-type: none"><li>• Describes the mechanism and benchmarks appropriate to the project for monitoring and evaluating the RP implementation. It specifies arrangements for participation of DPs in the monitoring process. This will also describe reporting procedures</li></ul>



## PUBLIC CONSULTATION AND DISCLOSURE PLAN

Activity	Task	Timing (Date/Period)	No. of Persons	Agencies	Feedback/Issues/Concerns Raised	Remarks
Stakeholder Identification	Mapping of the project area					
Project information Dissemination	Distribution of information leaflets to displaced persons (DPs)					
Consultative Meetings with DPs during Scoping Phase	Discuss potential impacts of the project					
Public Notification	Publish list of affected lands/sites in a local newspaper; Establish eligibility cut-off date					
Socio-Economic Survey	Collect socio-economic information on DP's perception on the project					
Consultative Meetings on Resettlement Mitigation Measures	Discuss entitlements, compensation rates, grievance redress mechanisms					
Publicize the resettlement plan (RP)	Distribute Leaflets or Booklets in local language					
Full Disclosure of the RP to DPs	Distribute RP in local language to DPs					
Web Disclosure of the RP	RP posted on ADB and/or EA website					
Consultative Meetings during DMS	Face to face meetings with DPs					
Disclosure after Detailed Measurement Survey (DMS)	Disclose updated RP to DPs					
Web Disclosure of the Updated RP	Updated RP posted on ADB and/or EA website					
Web Disclosure of the monitoring reports	Monitoring Reports posted on ADB and/or EA website					



**OFFICE OF EXECUTIVE ENGINEER UTTARAKHAND JAL SANSTHAN KARANPRAYAG**

To  
The Deputy Programme Manager,  
PIU – UEAP,  
Dehradun

Date :- 23<sup>rd</sup> September 2015

फाइल नं. 149/विबिडर-1/16

**Sub:- Information for the Distribution Pipe line work at Night in Karanprayag & Gauchar town.**

Dear Sir,

This is to inform you that we will do the Distribution Pipe line work of the Main Market area in the Karanprayag & Gauchar town at Night time.

So there will be no disturbance / obstruction in the market area in the Day time.

The length of the work are as follows :-

- |                                 |   |                 |
|---------------------------------|---|-----------------|
| 1. Karanprayag Market Area      | - | Total 500 mtr.  |
| 2. Karanprayag Narrow road area | - | Total 1000 mtr. |
| 3. Gauchar Market area          | - | Total 800 mtr.  |
| 4. Gauchar Road side            | - | Total 400 mtr.  |

This is for your kind information and necessary action please.

Yours Sincerely,

( N. S. PAYAL )

Executive Engineer  
उत्तराखण्ड जल संस्थान  
कनप्रयाग (बनौली)

Copy to:

1. Program Director, PMU (ADB), SIIDCUL Building, Near IT Park, Dehradun
2. Program Manager, PIU-UEAP, UJS, Dehradun
3. General Manager (TRM), UJS, Dehradun
4. Dr. Aparna Pandey, SCDGO, PIU (UJS), Dehradun
5. Team Leader, DSC, Dehradun.
6. Construction Supervisor, DSC, Karanprayag & Gauchar – For his necessary action.
7. M/s R. K. Engineers Pvt. Ltd. – For information and necessary action taken during the Night work.



कार्यालय अधिशासी अभियन्ता अनुरक्षण खण्ड उत्तराखण्ड जल संस्थान पौड़ी।

नेगी भवन, सभीप पुलिस लाईन गेट कन्डोलिया रोड पौड़ी गढ़वाल

E-mail:-eepauri-js@ua.nic.in

Ph No:-+91-1368-222015 Fax No :-+91-1368-222015



सेवा में,

डिप्टी प्रोजेक्ट मैनेजर,  
उत्तराखण्ड इमरजेन्सी एसीस्टेन्स प्रोजेक्ट,  
देहरादून।

पत्रांक 1485/दैवीय आपदा (ए0एफ0)/ 91 /2013-14

दिनांक: 23/9/15

विषय:- ए0डी0बी0 के अर्न्तगत कराये जाने वाले कार्यों के सम्बन्ध में।

महोदय,

उपरोक्त विषयक अवगत कराना है कि, ए0डी0बी0 कार्यक्रम के अर्न्तगत श्रीनगर शहर के विभिन्न स्थानों पर राईजिंग मेन व वितरण प्रणाली के पाइप जोकि लोक निर्माण विभाग, राष्ट्रीय राजमार्ग एवं नगर पालिका की सड़को पर बिछाये जाने हैं के क्रम में अवगत कराना है कि श्रीनगर शहर मुख्य यात्रा मार्ग एवं राष्ट्रीय राजमार्ग पर स्थित होने के कारण यहां पर वाहनों का आवागमन दिन के समय में अधिक रहता है इसी प्रकार स्थानीय निवासियों का भी बाजार में दिन के समय अधिक भीड़ रहती है, इस प्रकार दिन के समय में यातायात एवं लोगों के आवागमन अधिक होने के कारण पाइप लाइन बिछाने का कार्य दिन के समय किया जाना सम्भव नहीं है पाइप लाइन बिछाने का कार्य रात्रि समय में ही किया जाना सम्भव होगा।

अतः सूचनार्थ प्रेषित।

भवदीय  
(प्रवीण सैनी)  
प्रभारी अधिशासी अभियन्ता

पृ0सं0 एवं दिनांक:- तदैव।

प्रतिलिपि:-

1. महाप्रबन्धक तकनीकी अन्वेषण एवं सामग्री उत्तराखण्ड जल संस्थान जल भवन नेहरू कॉलोनी देहरादून को सादर सूचनार्थ प्रेषित।
2. अधीक्षण अभियन्ता उत्तराखण्ड जल संस्थान पौड़ी गढ़वाल को सादर सूचनार्थ प्रेषित।
3. डिजायन एण्ड सुपरविजन कनसल्टेन्स, उत्तराखण्ड इमरजेन्सी एसीस्टेन्स प्रोजेक्ट, नेहरू कॉलोनी देहरादून को सूचनार्थ प्रेषित।

प्रभारी अधिशासी अभियन्ता



FROM : UJS FAX NO. : 01374222378 7 Oct, 2015 2:24PM P1

प्रेषक, अधिशासी अभियन्ता  
अनुसंधान एवं  
उत्तराखण्ड जल संस्थान  
देहरादून।

सेवा में, डिप्टी प्रोजेक्ट मैनेजर  
उत्तराखण्ड हमरजेन्सी एसीस्टेन्स प्रोजेक्ट  
देहरादून।

By Fax

पत्रांक 1135 / ए0डी0बी0 / 2015-16 दिनांक 06/10/2015

विषय- ए0डी0बी0 के अन्तर्गत कराये जाने वाले कार्यों के सम्बन्ध में।

महोदय,  
उपरोक्त विषयक अवगत कराना है कि ए0डी0बी0 कार्यक्रम के अन्तर्गत उत्तराखण्ड नगर (भटवाड़ी रोड) के विभिन्न स्थानों पर राईजिंग मेन व वितरण प्रणाली के पाईप, जो कि लोक निर्माण विभाग, राष्ट्रीय राजमार्ग एवं नगरपालिका की सड़कों पर बिछाये जाने हैं, के क्रम में अवगत कराना है कि उक्त कार्य गंगोत्री राष्ट्रीय राजमार्ग एवं मुख्य यात्रा मार्ग पर स्थित होने के फलस्वरूप यहां पर गाड़नों का आवागमन दिन के समय में अधिक रहता है। इस प्रकार दिन के समय में यातायात एवं लोगों का आवागमन अधिक रहता है, जिस कारण पाईप लाईन बिछाने का कार्य दिन के समय किया जाना रागव नहीं है। अतएव पाईप लाईन बिछाने का कार्य रात्रि समय में किया जाना सम्भव होगा।  
अतः सादर सूचनार्थ।

भवदीय  
(ए0डी0बी0) परिवार  
अधिशासी अभियन्ता(प्र0)  
दिनांक

प्र0स0 / ए0डी0बी0 / 2015-16  
प्रतिलिपि:-

1. महाप्रबन्धक महोदय (टी0आर0एम0) उत्तराखण्ड जल संस्थान देहरादून को सादर सूचनार्थ प्रेषित।
2. अधीक्षण अभियन्ता महोदय उत्तराखण्ड जल संस्थान नई दिल्ली सादर सूचनार्थ प्रेषित।
3. डिजायन एवं सुपरविजन कन्सल्टेन्स उत्तराखण्ड हमरजेन्सी एसीस्टेन्स प्रोजेक्ट, मेडरु कालोनी, देहरादून को सूचनार्थ प्रेषित।

अधिशासी अभियन्ता(प्र0)

## Annexure 4

Photographs of Site Visit, Construction works and Public consultations.



Joint meeting with Villagers at Galati village during visit



Excavation work at main market area in Uttarkashi



Pipe welding work at Uttarkashi



Excavation work at Uttarkashi



Excavation work at main market area of Gauchar



Pipe welding work at Uttarkashi



