

DRAFT Abbreviated Resettlement Action Plan for KHUNTI WATER SUPPLY PROJECT



REVISED VERSION, AUGUST 2018

**Jharkhand Urban Infrastructure Development Company
Limited (JUIDCO)**

Jharkhand Municipal Development Project (JMDP)

Table of Contents

1	Introduction	3
1.1	Need for Abbreviated Resettlement Action Plan (ARAP)	4
2	Project Impacts	14
2.1	Positive Impacts	14
2.2	Adverse Impact	14
3	Census and Profile of PAPs	15
3.1	Permanent Loss of Livelihood and Impact on Structures	15
3.2	Temporary loss of Livelihood and impact on affected families	15
4	Entitlements and Resettlement assistance	16
4.1	Training, Skill up-gradation and Income restoration	17
4.2	Definitions for entitlement	17
5	Public Consultation and Disclosure	23
5.1	Information Disclosure	25
6	Grievance Redressal mechanism	27
7	Institutional Arrangements for Addressing Resettlement Impacts	30
8	Monitoring and Reporting Arrangements	31
9	Implementation Schedule	32
10	R&R Budget	36
	Annexure I: List of Project Affected Persons	37

List of Tables

Table 1:	Categorisation of sub projects as per ESMF based on Social impacts	13
Table 2:	Summary of Land and Resettlement Impacts	14
Table 3:	Details of the Street Vendors affected	16
Table 4:	Category-wise impacts and Resettlement Measures	16
Table 5:	Entitlement Matrix	20
Table 6:	Findings of Community Consultation	23
Table 7:	Information to be Disclosed, Frequency and Location	26
Table 8:	ARAP Implementation Schedule	32
Table 9:	Compensation and Assistance for Khunti Water Supply Project	36

Abbreviated Resettlement Action Plan (ARAP) for the Khunti Water Supply scheme proposed for the Khunti Nagar Panchayat under Jharkhand Municipal Development Project

1 Introduction

1. The Urban Development and Housing Department (UDHD), Government of Jharkhand has designed the Jharkhand Municipal Development Project (JMDP) with an objective to improve urban service delivery and urban management capacities in selected Urban Local Bodies (ULBs). JMDP entails planning and implementation of multiple sub-projects across districts in Jharkhand. The Government of Jharkhand has identified the Jharkhand Urban Infrastructure Development Company Ltd. (JUIDCO Ltd.) as the primary implementing agency for executing the JMDP. The Government of Jharkhand is seeking financial support from the World Bank towards the cost of the JMDP.
2. An Environmental and Social Management Framework (ESMF) and Environment & Social Impact Assessment (ESIA) have been prepared by JUIDCO for the JMDP with the following objectives:
 - a) to assess and manage the potential environmental and social risks and impacts that may come up during implementation and throughout the project cycle
 - b) to ensure the social and environmental sustainability of investments
 - c) to ensure compliance with national and state environmental and social legislation
3. The Khunti Water Supply Scheme in Khunti Nagar Panchayat is one of the sub-projects for implementation under JMDP and this document is prepared in continuation with the ESIA of this sub-project.
4. In this project the existing intake well will serve as source of water for the project. The capacity will be increased by replacing the current 300 mm pipe with 500 mm pipe. A new 16 MLD capacity of proposed Water Treatment Plant (WTP) will be developed and will be connected with 4 Elevated Storage Reservoirs (ESRs) (3 New & 1 Existing). Further, 122.003 km of new distribution pipeline will be laid under this project to supply 100 percent metered connection.



1.1 Need for Abbreviated Resettlement Action Plan (ARAP)

5. The Environmental and Social impact assessment (ESIA) has been done to assess potential impacts and explore ways to avoid or minimise impacts. One private land parcel will be acquired from the land owner as per the land acquisition act of the Jharkhand for the project. Land for three ESRs and intake well is already in possession. Around 1650 m of pipeline will be upgraded and 130.758 km will be newly laid. The newly laid pipe will be within the RoW and there is no change in the character of land. The project involves loss of two structures of two non-titleholders within the road Right of Way (RoW). Also at the time of laying of pipes is likely to cause loss of income for 35 street vendors temporarily. As per ESMF categorisation criteria, Khunti Water Supply Project is categorised as S-2. This ARAP is prepared to meet the requirement of country legislations and World Bank's Operational Policy 4.12 on Involuntary Resettlement.
6. One private land which area is 0.031 hectare will be acquired as per the land acquisition act of the Jharkhand for the project because the laying of the raw water main pipeline would involve working within the forest area and one private land parcel. A AAM sabha was conducted on 26th of May 2018 and in this meeting land owner has given consent for the same and acquisition process will be completed before the award of contract. The existing Raw Water pipeline of 300mm, would need to be replaced by 500mm pipeline. The current alignment of 233 m of pipeline is located on forest land (for which 0.02 Ha area would be utilized) also a Scheduled V area. A clearance for this has been granted by the Divisional Forest Officer, Khunti under section 3 (2) of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006. As this is a



ARAP of Khunti Water Supply Project

government legally designated protected forest, the ESMP will follow all recommendations given in the clearance, no trees will be cut and consent of the forest dwelling community in the Gram Sabha has been taken as per the procedure of clearance under the applicable Act. The Scheduled Tribe Participation Plan (STPP) has also been prepared to ensure community participation throughout the sub project cycle to fulfil the requirement of World Bank's policy 4.10 on Indigenous Peoples and OP 4.36 on Forests. The ESMP also specifies all precautionary measures not to damage / disturb the sensitive areas, and to avoid any impacts.

Application received after aforesaid time shall not be considered. Incomplete proposal in any respect shall be summarily rejected and agency will have to re-submit application as per the format.

कार्यपालक अभियंता
पेयजल एवं स्वच्छता प्रमंडल, लोहरदगा

PR. 190088 Drinking Water and Sanitation (18-19)D

प्रपत्र VI 'A'
झारखण्ड सरकार
समाहरणालय, खूंटी
(जिला भू-अर्जन शाखा)
प्रारंभिक अधिसूचना
(अधिनियम-30/2013 की धारा-11 (1) के अधीन)

पत्रांक-571(ii)
दिनांक-31.07.18

कार्यालय नमन का नरनात,
बाथरूम में Water Supply
हेतु बोरिंग कार्य एवं विद्युतीकरण
के लिए सोलर पैनल लगाने का
कार्य।

19,92,051

निविदा की शर्तें www.jharkhand.gov.in, एवं कार्यालय

PR. 190075 Road (18-19)-D

कार्यपालक अभियंता
पेयजल एवं स्वच्छता यांत्रिक प्रमंडल
अति अल्पकालीन निविदा सूचना

क्र०	खाता संख्या	सर्वे भू-खण्ड संख्या	स्वाभित्त का प्रकार	भूमि का प्रकार	अर्जन के अधीन क्षेत्रफल (घ०)	हितबद्ध व्यक्ति का नाम एवं पता	सीमा (भू-खण्ड संख्या)
1	2	3	4	5	6	7	8
1	73	3914	तुलसी मोगता बगै०	टांडा I	0.0775	छेदी भोगता पत्न्य स्व० लुबुरु प्रधान दो प्रभु प्रधान दो लीबु प्रधान पेशरान स्व० लुबुरु भोगता दो सीताराम प्रधान दो अरुण प्रधान पेशरान स्व० राम भोगता दो सोहराई प्रधान पिता दो दशरु प्रधान पेशरान स्व० महावीर भोगता	उ०-नौज २०-3915, 3918 २०-रास्ता २०-3911
					कुल	0.0775	

यह अधिसूचना भूमि अर्जन, पुनर्वासन और पुनर्व्यवस्थापन में उचित प्रतिकर और पारदर्शिता का अधिकार अधिनियम 2013 (अधिनियम संख्या 30/2013), की धारा 11(1) के उपबन्धों के अधीन उन सभी व्यक्तियों के लिए जारी की जाती है, जिसका इससे संबंध हो। भूमि की योजना/ नक्शा का निरीक्षण जिला भू अर्जन पदाधिकारी, खूंटी के कार्यालय में किसी भी कार्य दिवस में किया जा सकेगा। समाहर्ता उक्त अधिनियम की धारा 12 में यथाउपबंधित एवं यथाविनिर्दिष्ट कार्यों के समुचित निष्पादन हेतु उपस्थित किसी भूमि का सर्वेक्षण एवं उसकी प्रविष्टि करने किसी भूमि के किसी स्तर को मापने के लिए अवैध भूमि खोदने या भू बेधन छिद्र करने सहित सभी अन्य कार्यों के संचालन हेतु जिला भू अर्जन पदाधिकारी, खूंटी और उसके कर्मचारी को प्राधिकृत करते हैं।

अधिनियम की धारा 11(4) के अधीन कोई व्यक्ति जिला समाहर्ता के पूर्विक अनुमोदन के बिना इस अधिसूचना के प्रकाशन की तिथि से प्रारंभिक अधिसूचना में विनिर्दिष्ट भूमि का कोई अन्तर्गण यथा क्रय विक्रय नहीं करेगा या ऐसा कोई अन्तर्गण नहीं करवायेगा या ऐसी भूमि पर कोई अवमार नहीं उत्पन्न करेगा। अधिनियम की धारा 15 के अधीन यथाउपबंधित इस अधिसूचना के प्रकाशन की तिथि से 60 दिनों के भीतर भू अर्जन को बाबत किसी प्रकार की आपत्तियां हितबद्ध व्यक्ति के द्वारा जिला भू अर्जन पदाधिकारी, खूंटी के समक्ष दर्ज की जा सकेंगी।

PR 190009 (Land Reforms) 18-19 (D)

ह०/—
उपायुक्त, खूंटी।

प्रभात खबर ०५०८ १०.८.१८

क्र०	विभाग का नाम
1	विभाग का नाम
2	विभागकर्ता का नाम
3	परिमाण विपत्र बिंदु की अंशित तिथि
4	निविदा प्राप्ति की तिथि एवं समय
5	निविदा खोलने की तिथि एवं समय
6	परिमाण विपत्र बिंदु का स्थान
7	निविदा प्राप्ति एवं खोलने का स्थान

कार्य का नाम

Group - A

1 Construction of Solar Based Mini Piped water supply schen through HYDT in Tola -Karam Tola, Village- Sikni, Chandwa Bl

Group - B

2 Construction of Solar Based Mini Piped water supply schen through HYDTs in Tola -Tuku Pathar, Village- Sikni, Chandwa

Group - C

3 Construction of Solar Based Mini Piped water supply schen through HYDTs in Tola -Yadav Tola, Village- Sikni, Chandwa

नियम व शर्तें :- www.jharkhand.gov.in 210.212.20.88 या www.daa जा सकता है। इसे सम्बंधित कार्यालय के नोटिफ बोर्ड पर भी देखा

PR. 190058 Drinking Water and Sanitation (18-19)D

7

आज दिनांक 26-05-2018 दिन शनिवार को आम विरह के पंचांगन मन में शहर जलपूर्ति परियोजना हेतु मू-अफर से रुखसि, आम सभा की बैठक का आयोजन वॉर्ड सदस्य वासुकि देवी की अध्यक्षता में की गई जिसमें निम्न जनप्रतिनिधि, पदाधिकारी, कमजारी तथा आमीण उपस्थित हुए।

- | | | |
|----|---|------------------|
| 1. | | वासुकी देवी |
| 2. | उत्कर्ष मिश्रा, जुझो सि०, नगर विकास विभाग | वॉर्ड नं० 10 |
| 3. | रामाश्रि शर्मा | उत्कर्ष |
| 4. | रामाश्रि शर्मा | रामाश्रि शर्मा |
| 5. | अजित केशव | नगर पंचायत बूँदी |
| 6. | अजित केशव | वार्ड नं० 11 |
| 7. | महेश्वर देव | वार्ड नं० 13 |
| 8. | | |
| 9. | | |

आमियों का वक्तावत :-

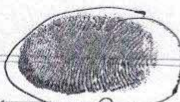
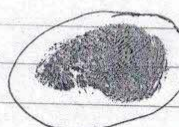


10. सोहन शर्मा
11. रंजित शर्मा

12.  हाडु महरी

13.  चामर महरी

14.  विरसा रंवांसी

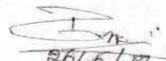
15.  लीर्थ मुनी देवी

16.  खुन्ती देवी
17. कमल मंदिर
18.  कमला देवी
19. Jagdish Pradhan
20. Ann- puja thian पिता - हबं राम पुषाठ (बसीठ देवत)
21. Shrai Pradhan पिता - हबं महाबी पुषाठ
22. Subodh Pradhan
23. सुलोचना देवी
24.  सावित्री देवी
25.  जामो देवी
26. वाचमनी देवी
27. प्रभा देवी
28. शिवराज देवी
29. सविता देवी
30. मेनिता देवी
31. रानी देवी
32. संतोषी देवी
33. खुचिता देवी
34. सुमाना देवी
35. माता देवी
36. संगीता देवी
37. जयमती देवी
38. सुषमा देवी
39. सावित्री देवी
40. रीता देवी
41. आदमी कुमारी
42. अम्बिका देवी
43. राखी कुमारी
44. यशोमती देवी

8

प्रस्ताव - 1, ग्राम सभा द्वारा परिभाषित क्षेत्र-सर्वेक्षण से
मुक्ति क्षेत्र क्षेत्र सर्वेक्षण क्षेत्र है।

2, ग्राम सभा द्वारा सर्वेक्षण क्षेत्र-मकान सभा की ओर।


8/6/18

सदस्य - वार्ड - 10
प्रमुख - विरह

भाग-ख

ग्राम सभा संकल्प हेतु फार्मेट

नियम 20 का उप-नियम (1) देखें

हमलोग, अधोहस्ताक्षरी सदस्य ग्राम सभा विरह पंचायत विरह
अंचल खूंटी जिला खूंटी, कहना चाहते हैं कि निम्नलिखित प्रमाणन
प्रशासन एवं पदधारियों द्वारा दी गई सूचना पर आधारित है। इस आधार पर यह ग्राम सभा एतद द्वारा
यह प्रमाणित करती है कि यह प्रस्तावित परियोजना शहरी जल आपूर्ति परियोजना जिसमें निम्नलिखित सम्मिलित
होंगे, को सहमति देती है या सहमति देने से इंकार करती है-

- 0.0775 एकड़ निजी भूमि का अर्जन
- ० एकड़ सरकारी जमीन परियोजना को अंतरण
- ० एकड़ वन भूमि परियोजना को अंतरण

अधियाची निकाय (नाम- कारुपाल्वा पञ्चायत) द्वारा स्वीकृत, प्रतिकर,
पुनर्वासन एवं पुनर्व्यवस्थापन लाभों के निबंधन एवं शर्तों तथा सामाजिक प्रभाव प्रशमन सपाय संलग्न हैं।

ग्राम सभा के सदस्यों के हस्ताक्षर/अंगूठे की निशान एवं तिथि :

Mahabir Boro
Date No. 13

बालमुनी देवी
Date No. 10

संकल्प की पावती पर अभिहित जिला

पदाधिकारी का हस्ताक्षर एवं तिथि

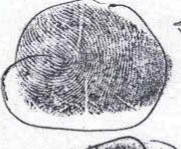

1. सोहर राम

2. दादु महली

3. चमार महली

4. विरह

60

5. बाल राम
6. कमल महता
7. Anam- Prasad Prasad पिला - स्व. राम प्रधान (हमीन देवता)
8. Subash Prasad पिला - स्व. महावीर प्रधान
9. सुलोकवरी देवी
10.  सावित्री देवी
11.  जामा देवी
12. बाल मुनी देवी
13. प्रभा देवी
14. शिवरात्री देवी
15. सविता देवी
16. समता देवी
17. सौनी देवी
18. सतीषी देवी
19. सुगवनी देवी
20. सुचिता देवी
21. सुमित्रा देवी
22. सावित्री देवी
23. जयमती देवी
24. Senajida devi
25. सुष्मा देवी
26. शिव देवी
27. राखी कुमारी
28. भारती कुमारी
29. शशोमती देवी

ARAP of Khunti Water Supply Project

ग्रामीण क्षेत्र खूँटी

S. No.	Anchal Name	Mauja Name	TH NO	Agre.	Inds.	Res.	Com.
135	Khuti	Chiruhatu	233	20381	30572	40762	61143
136	Khuti	Rewa	234	25233	37850	50466	75699
137	Khuti	Manhu	235	1890	2035	3700	5670
138	Khuti	Kheejri	236	1638	2457	3500	5250
139	Khuti	Kpariya	237	3000	4500	6000	9000
140	Khuti	Hutar	238	5695	8543	11390	17085
✓ 141	Khuti	Virhu ✓	239	27306	40959	54612	81918
142	Khuti	Erenda	240	32652	48978	65304	97956
143	Khuti	Bagru	241	32530	48795	65060	97590
144	Khuti	Edri	242	20381	30572	40762	61143
145	Khuti	Velwadaag	243	24318	36477	48636	72954
146	Khuti	Hatingchouli	300	2100	3150	4200	6300

कम्प्युटर ऑपरेटर

सहायक

प्रधान सहायक

जिला अवर निबंधक खूँटी

Note: Rate of the land mentioned above is the per decimal.

ARAP of Khunti Water Supply Project

Table 1: Categorisation of sub projects as per ESMF based on Social impacts

Categorisation of sub projects as per ESMF based on Social impacts			
S-1	Significant with adverse irreversible social impacts	<ul style="list-style-type: none"> ▶ If it involves acquisition of private land and affects more than 200 persons or 50 households ▶ If it involves physical displacement. 	Comprehensive environmental and social assessment and prepare a resettlement action plan (RAP), through an agency independent of design consultants. RAP to be part of Bid document in case of Design Review Built contract.
S-2	Moderate with minimised social impacts	<ul style="list-style-type: none"> ▶ If impacts are of a minor nature or fewer than 200 persons or about 50 households are affected 	Prepare abbreviated Resettlement action plan (ARAP) based on environmental and social assessment. ARAP to be part of Bid document in case of Design review built contract.
S-3	Minor with temporary impacts or indirect social impacts.	<ul style="list-style-type: none"> ▶ Temporary disruption to income activities that can be resumed after construction and other construction-linked social impacts 	A standalone ESMP will be prepared for the construction and operation phase and will be a part of the bid documents.

2 Project Impacts

7. The project impacts are listed in the sub-sections below.

2.1 Positive Impacts

8. The positive impacts on the population are listed below:

- ▶ Improved overall water supply and sanitation services for Khunti Nagar Panchayat
- ▶ Reduced incidence of water borne diseases and reduction in child mortality rate
- ▶ Time savings for women
- ▶ Improved health, standard of living and personal hygiene
- ▶ Improved services delivered by commercial establishments (restaurants), hospitals, businesses etc. due to availability of clean drinking water

2.2 Adverse Impact

9. The alignment alternatives were explored for laying of pipes. Adverse impacts due to laying of pipes are listed below:

- ▶ The structure of only 2 non-title holder will be affected due to the project.
- ▶ There will be temporary loss of livelihood of 35 vendors for approximate 20 days during the actual construction process.
- ▶ There is only one Schedule Tribe household to be affected.
- ▶ Inconvenience to road users and nearby communities during construction works.

Table 2: Summary of Land and Resettlement Impacts

Sl. No.	Impacts	Number
1	Total land acquisition requirements (in Ha)	0.031
2	Total private land acquisition requirements (in Ha)	0.031
3	Total Govt. land acquisition requirements (in Ha)	Nil
4	Total Number of land units/plots affected	01
5	Total Number of private land units/plots affected	01
6	Total Number of private Residential structures of TH	Nil
7	Total Number of private Commercial structures of TH	Nil
8	Total Number of private structures of NTH affected within the RoW	2
9	Total Number of Affected Families	2
10	Total Numbers of Project affected persons	9
11	Total Number of Vulnerable households affected	1
12	Total Number of Mobile vendors affected Temporarily	35

Sl. No.	Impacts	Number
13	Total Numbers of Project Affected Persons	157
14	Total Number of CPRs affected (Community and Religious)	Nil

Source: Census Survey, March, 2017

3 Census and Profile of PAPs

10. For preparation of the current ARAP, a project specific census survey was carried out to identify the likely displaced persons/PAPs and an inventory of their impacted assets has been collected within the Corridor of Impact as per the DPR version-19 dated: 19.09.2017. Photography and videography of affected structures were also carried out at the time of Census Survey. The findings of the census survey thus form the basis for preparing the draft ARAP.
11. The cut-off date for eligible PAPs would be the start date of the Census and Socio-Economic survey that is 24 February 2017 for the impact on structures. For temporary impacts on street vendors without structures, the cut-off date would be the same as of structures. However, the eligibility will be finalised during the joint inspection by contractor and PIU representative before initiating construction. NGO shall facilitate this process and prepare micro plan of the eligible project affected persons.
12. The Census Survey was extremely relevant to calculate entitlements to mitigate the losses that arise from loss of livelihood and structures and help to firm-up adequate budgetary provisions in the ARAP.

3.1 Permanent Loss of Livelihood and Impact on Structures

13. There are 2 structures belonging to two households (9 PAPs) are likely to be affected due to laying of pipes out of these 2 structures, one structure is temporary and another structure is semi-permanent. Temporary structure is being used for residence cum shop purpose and semi-permanent structure is being used for the shop purpose and their monthly income is 6000-7500. Out of these two families one families falls under vulnerable category because this family belong to scheduled tribe category. The livelihood of these families will be impacted and will be economically displaced.

3.2 Temporary loss of Livelihood and impact on affected families

14. There will be temporary impact on income of 35 street Vendors who currently do their business on the roads or streets where the water pipe line would be replaced or newly installed. These Vendors sell their products to the local residents and passer-by spreading the items on a cart/basket/cloth etc. Temporary Impacts is estimated based on

number of days required from starting of the construction process to the end of it. As per the DPR, it is estimated that this will amount to 20 days. These vendors can restart their vending activities from the current place post construction.

Table 3: Details of the Street Vendors affected

Type of vending	Numbers	Annual income (in Rs.)
Food items	5	42,794.22
Vegetables	7	48,203.45
Fruit	4	46,439.57
Pan	4	56,025.97
Tea	2	46,051.71
Grocery / small items	5	58,619.35
Barber	1	51,068.75
Coconut water	1	39,666.67
Flower	2	48,190.91
Cobbler	1	53,769.23
Others	3	57,276.96
Grand Total/Average	35	46,342.74

4 Entitlements and Resettlement assistance

Category-wise impacts and mitigation measures has been detailed out in table below based on the entitlement matrix for the project.

“The Disbursal of R&R assistance will be the responsibility of the Deputy Commissioner of the district, This is the current practice of payment of R&R assistance in the state of Jharkhand”

15.

Table 4: Category-wise impacts and Resettlement Measures

SI No.	Types of Impacts	Nos.	Resettlement measures
1	Total Number of private structures of NTH affected within the RoW	2	Assistance for the structure as per market value without depreciation, subsistence allowance, financial assistance for shifting and support to restart their livelihood activity from the places owned by them or identified by them nearby.
2	Total Number of street vendors without structures affected Temporarily	35	Vendors will lose their income temporarily during the construction phase So financial assistance will be given to vendors as per entitlement matrix for the period their livelihood activity will be affected.
2	Private Land Acquisition	1	Land will be acquired by competent authority in accordance with the provisions of RFCTLARR Act, 2013. Compensation/assistance for the loss of land will be paid as per the agreed provisions of the Entitlement

			Matrix of the Jharkhand Municipal Development Project(JMDP)
--	--	--	---

4.1 Training, Skill up-gradation and Income restoration

16. There is a provision for the training and skill development for the one adult member of the project affected family. The interested adult member of the project affected family will provided training under the Prandhan Mantri Kaushal Vikas Yojana (PMKY) and there are provision of placement under this scheme. During future preparation, emphasis would be on the following:

- ▶ Identifying ongoing non-land-based training and skill development activities in the project area to support their current income earning activity or start a new one.
- ▶ The ToR of the NGO/implementation consultants will also include scope for development of a realistic training plan for livelihood restoration. Separate consultations will be organised on the Income Restoration (IR) plans. Draft IR plans would be shared with PAPs to obtain their preferences, based on reviews final IR plans will be developed.

4.2 Definitions for entitlement

For the purpose of the ARAP under the ESMF of JUIDCO, the following definitions will be applicable:

- a) **Affected area:** Such area for which land belonging to the Government will be cleared from obstructions.
- b) **Agricultural land:** Land used for the purpose of: (i) agriculture or horticulture; (ii) dairy farming, poultry farming, pisci culture, sericulture, seed farming breeding of livestock or nursery growing medicinal herbs; (iii) raising of crops, trees, grass or garden produce; and (iv) land used for the grazing of cattle.
- c) **Below poverty line (BPL) or BPL family:** As defined by the Planning Commission of India (*now restructured as the Niti Ayog*), from time to time and those included in the BPL list for the time-being in force.
- d) **Building:** House, out house or other roofed structure whether masonry, brick, wood, mud, metal or any other material whatsoever but does not include a tent or other portable and temporary shelter.
- e) **Corridor of impact (Col):** Refers to the minimum land width required for construction of project infrastructure and laying of pipes including embankments, facilities and features such as approach roads, drains, utility ducts and lines, fences, green belts, safety zone, working spaces etc.
- f) **Cut-off date:** In the cases of land acquisition affecting land holders the cut-off date would be the last date of publishing Notification for land acquisition u/s 11 (1) of

ARAP of Khunti Water Supply Project

RFCTLARR Act, 2013 in the local newspaper. Those without any legal right, the cut-off date would be the start date of the Census and Socio-Economic survey. For temporary impacts, the cut-off date would be the date of joint inspection by contractor and PIU representative before initiating construction.

- g) **Encroacher:** A person who has extended their building, agricultural land, business premises or work places into public/government land without any authority.
- h) **Income:** Income of the PAP shall mean the amount prior to the cut-off date from all occupations taken together captured either through the socio economic/ census survey or calculated by an objective assessment³³ or as available through secondary research for a similar occupation.
- i) **Land:** 'Land' includes benefits to arise out of land, and things attached to the earth or permanently fastened to anything attached to the earth.
- j) **PAP:** Any person affected either directly or indirectly by the project and/or project related activity, irrespective of the legal status and would include:
 - a. Title holders
 - b. Encroachers
 - c. Squatters
 - d. Tenants, leaseholders, sharecroppers
 - e. Employees, landless labourers
- k) **Project affected household (PAH):** A social unit consisting of a family and/or non-family members living together, and is who are affected by the project negatively and/or positively.
- l) **Rent:** Whatever is lawfully payable in cash or in kind, partly in cash and partly in kind, whether as a fixed quantity of produce or as a share of the produce, on account of the use or occupation of land or on account of any right in land (which may not be a legal) but shall not include land revenue.
- m) **Replacement cost:** A replacement cost/value of any land or other asset is the cost/value equivalent to or sufficient to replace/purchase the same land or other asset and other applicable taxes to be incurred by the affected person; As per the new RTFCLARR Act 2013, computation of all compensation with additional solatium is more than the replacement cost or market value of affected assets.
- n) **Shop:** Any premises where any trade or business is carried on and where services are rendered to customers.
- o) **Squatter:** A person who has settled on public/government land, land belonging to institutions, trust, etc and or someone else's land illegally for residential, business

ARAP of Khunti Water Supply Project

and or other purposes and/or has been occupying land and building/asset without authority.

- p) **Registered vendors:** All vendors surveyed and registered for issuance of vending licence under the Street Vendors Act 2013.
- q) **Temporary impact:** Impact expected during construction phase of the project in the form of earth spoil, tremors and vibrations, loss of access and disruption of income.
- r) **Tenant:** A person who holds/occupies land-/structure of another person and (but for a special contract) would be liable to pay rent for that land/structure. This arrangement includes the predecessor and successor-in-interest of the tenant but does not include mortgage of the rights of a landowner or a person to whom holding has been transferred; or an estate/holding has been let in farm for the recovery of an arrear of land revenue; or of a sum recoverable as such an arrear or a person who takes from the Government a lease of unoccupied land for the purpose of subletting it.
- s) **Vulnerable households:** Vulnerable PAPs: Vulnerable PAPs are those living below poverty line, SC / ST families, women headed households, physically challenged persons; elderly persons above the age of 60 years.
- t) **Wage earner:** Wage earners are those whose livelihood would be affected due to the displacement of the employer. The person must be in continuous employment for at least six months prior to the cut-off date with the said employer and must have reliable documentary evidence to prove his/her employment.

ARAP of Khunti Water Supply Project

Table 5: Entitlement Matrix

Title-holders	Loss of Land	Land will be acquired by competent authority in accordance with the provisions of RCTLARR Act, 2013.	Compensation for loss of land will be paid as per the provisions will be land acquisition act 2013 agreed in the Entitlement matrix of JMDP.
Non-Titleholder (Squatter)	Loss of residential structure	<p>One-month advance notice to demolish the affected structure</p> <p>Maximum of</p> <p>(i) the replacement cost of residential structure, or</p> <p>(ii) alternative house with minimum area as per Government norms under PMAY/IAY to homeless PAHs.</p> <p>or (iii) Financial assistance equivalent to PMAY/IAY (as per state norm) all those who have to relocate and do not have a house as on cut-off date.</p> <p>One-month subsistence allowance as per prevalent minimum wage for a semi-skilled worker</p> <p>One-time financial assistance of Rs.5,000 as transportation cost for shifting of the family, belongings and cattle.</p>	<p>The value of residential structures and other immovable properties will be determined by a third-party government approved valuation agency or a government approved chartered engineer.</p> <p>PAPs shall be consulted for selecting resettlement package options. Resettlement Assistance will be provided as per provision before displacement.</p>
	Loss of Commercial Structure and Vendors/Kiosks	<p>One-month advance notice to demolish the affected structure</p> <p>Compensation at market value for the affected commercial structure, or</p> <p>For registered vendors: In consultation with ULB, PAPs may be resettled in the vending zone.</p> <p>As per Street Vendor Act 2014 vending zone has to be provided to registered vendor. If it is not possible then one time financial assistance will be provided to them as decided by vending committee of the concerned ULB.</p> <p>One-time financial assistance of Rs. 5,000 as transportation cost for shifting.</p> <p>One month subsistence allowance as per prevalent minimum wage for a semi-skilled worker</p> <p>Right to salvage the affected materials.</p>	<p>The value of commercial structure and other immovable properties will be determined by a 3rd party government approved valuation agency or a government approved chartered engineer</p>
Non-Title	Loss of	One-month advance notice to demolish the affected structure	The value of commercial structure and other



ARAP of Khunti Water Supply Project

holder (Encroacher)	Residential cum/ Commercial Structure	<p>▲ Compensation at market value for the affected residential/commercial structure</p> <p>▲ Right to salvage the affected material</p>	<p>immovable properties will be determined by a third-party government approved valuation agency or a government approved chartered engineer.</p>
	Loss of residential structure		
	Loss of commercial structure		
Loss of Livelihood (Income)- Permanent		<p>▲ Subsistence allowance equivalent to monthly minimum wage for three months for permanent impact,</p> <p>▲ One adult member of the affected household, whose livelihood is affected, will be entitled for skill development training</p> <p>▲ Registered vendors: In -consultation with ULBs PAPs may be shifted to vending zone.</p>	<p>Only agricultural labourers, who are in fulltime / permanent employment of the land owner</p> <p>or</p> <p>those dependent full time on the economic activity affected, will be eligible for this assistance. A training needs assessment in consultations with the PAPs will be carried out so as to develop appropriate training programmes suitable to the PAPs skill.</p>
Temporary Loss of Livelihood (Income)		<p>For temporary disruption of livelihood during construction period, disruption allowance is paid for the number of months of disruption calculated on the monthly subsistence allowance equivalent to prevalent monthly minimum wage for semi-skilled.</p>	<p>Only agricultural labourers, who are in full-time / permanent employment of the land owner</p> <p>or</p> <p>those dependent full time on the economic activity affected, will be eligible for this assistance. This will be provided for a maximum of three months during the construction phase of the project depending on the actual duration of disruption during construction period.</p>
Loss of		<p>▲ One month notice to affected farmer.</p> <p>▲ Monthly subsistence allowance equivalent to prevalent monthly</p>	<p>Payment will be made before the impact</p>



ARAP of Khunti Water Supply Project

standing crop		minimum wage unskilled for three months.	occurs.
Vulnerable PAH		<p>▲ The assistance is over and above other assistance to Vulnerable PAH.</p> <p>▲ One time assistance of Rs 10,000 to vulnerable PAHs who have to relocate.</p> <p>▲ Priority will be given to vulnerable PAHs during resettlement process in vending zone/ in PMAY housing</p> <p>▲ One adult member of the affected household, whose livelihood is affected, will be entitled for skill development training.</p>	The PIU with support from the NGO during joint verification will identify the number of eligible vulnerable project affected persons. A training need assessment in consultations with the PAPs will be carried out so as to develop appropriate training programmes suitable to the PAPs skill.
CPRs	Impact to CPRs such as places of worship, community buildings, schools, etc	Relocation or restoration, if feasible, or compensation at replacement cost to set up such similar structures in the vicinity	The PIU will ensure that compensation is handed over to trustee, association, organisation or individual as the case may be.
Unforeseen Impacts encountered during implementation will be addressed in accordance with the principles of this Entitlement Matrix.			

5 Public Consultation and Disclosure

17. In addition to census and socio economic survey of each affected person, series of public consultations were conducted during January, March and June 2017. The public consultations were conducted through focus group discussions, individual interviews and formal as well as informal consultations. The vulnerable sections of Project Affected Persons (PAPs) were also included in the consultation process. The public consultation helped in ensuring people participation in the planning and implementation phase and further facilitated in disclosure of the project details to the would be PAPs and beneficiaries.
18. The stakeholders were involved throughout the project planning phase and implementation. The project ensured participation of the PAPs at the sub-project level. Involvement of the community is not limited to interactions with the community but also disclosing relevant information pertaining to the project tasks. Community participation shall be undertaken at the implementation

Table 6: Findings of Community Consultation

Date / Place / No. of Participants	Summary of Discussion	Consensus	Mitigation Measures - Input to technical design
Place: Ward No.4 Khunti Date: 15.02.2017 11.30 pm No Participant:29 Male:11 Female:18	<p>Most of the people impacted are vendors and their income activities will be disrupted during construction.</p> <p>As per Mr Sanjoy Singh, Ward Parshad and other PAPs water supply is available but the quality of water is very poor. Also, the supply timings need to be improved.</p> <p>A focus group discussion with all women participants was undertaken in the same area. The women were apprehensive about the quality and quantity of water. All participants were concerned about the billing system. They suggested that there</p>	<p>The water supply project is well within the available Right of Way (RoW) and there will be no land acquisition. The squatters are mainly vendors and other commercial entities would be provided compensation for temporary impacts.</p> <p>The billing system should be disclosed to all PAPs.</p>	<p>The DPR Consultant was asked to include COI and property line in the design drawings to understand and undertake the Census Survey. Provisions for skill development for PAF are being considered. EMP and ARAP would be a part of the bid document.</p>

Date / Place / No. of Participants	Summary of Discussion	Consensus	Mitigation Measures - Input to technical design
	should be a concession on billing of water for poor families.		
Place: Ward No. 3 Khunti Date: 15.02.2017 2.30 pm No of Participant:21 Male:5 Female:16	<p>The community members are of the opinion that with improved water supply facilities, there would be enhancement in the quality of life.</p> <p>The decision on the billing system should be taken considering all financial categories of people.</p> <p>The community members stressed that the period of construction needs to be reduced to avoid nuisance due to prolonged construction period.</p>	<p>The community members stressed that proper mitigation measures should be identified and implemented to reduce environmental and social impacts during the construction phase.</p>	<p>The water supply is expected to commence within two years.</p> <p>The ESMP has been designed to mitigate environmental impacts from the construction activity. The ESMP will be incorporated into the bid document for implementation by the contractor.</p>
Place: Ward No. 7 Khunti Date: 16.02.2017 12.30 pm No of Participant:37 Male:12 Female:25	<p>There was apprehension that there could be less number of household connections due to inadequate quality and quantity of water.</p> <p>The women community members shared details on the difficulty they experience in fetching water in summer. They felt that properly implemented water supply connections will be very helpful to women.</p>	<p>The community members stressed that proper mitigation measures should be identified and implemented to reduce environmental impacts during the construction phase.</p>	<p>The water supply is expected to commence within two years.</p> <p>The EMP has been designed to mitigate environmental impacts due to the construction activity and will be incorporated in the bid document for implementation by the contractor.</p>
DC Office, Conference Hall Date: 09.10.2107 Time:11.30am No of Participant:50 Male:22 Female:28	<p>There was huge expectation from this water supply scheme and people wanted that Water Supply should be started as soon as possible</p>	<p>Ward Member, PAPs stressed that we are waiting for this project from last two years and it should be implemented in next year.</p>	<p>We informed that if everything goes as per schedule then construction will be started by first quarter of the next year.</p>
In addition to the above specific public consultations and FGDs, the Project affected			

Date / Place / No. of Participants	Summary of Discussion	Consensus	Mitigation Measures - Input to technical design
<i>persons were interviewed during SES and Census Survey.</i>			

19. Consultations as part of the implementation stage would be direct interactions of the implementation agency and entities with the community/beneficiaries and PAPs. These would comprise consultations towards Resettlement of the PAPs, utilities, safety and temporary disruption during construction etc.
20. With the implementation of the R&R provisions in progress, consultations and information dissemination is to be undertaken to let the community/beneficiaries and/or affected persons informed of the progress. The implementation stage also involves redress of grievances in case of R&R aspects through the grievance redress mechanisms. These would usually be one-to-one meetings of community and/or PAP with the grievance redress committees established for the project.

5.1 Information Disclosure

21. The mechanism of information dissemination, for instance briefing material and community consultation sessions, will be accessible to all. Any briefing material (all to be prepared in local language) can be in the form of:
 - a) Brochures (including project information, project benefits; adverse impacts, details of entitlements including compensation and assistance to be given to the PAPs), and grievance mechanism shall be kept in the PIU and Khunti Municipality.
 - b) Posters to be displayed at prominent locations; and
 - c) Leaflets that can be distributed in the impacted zone of the sub-project.
22. Consultation meetings should also be organised at regular intervals by the project to acquaint the PAPs of the following:
 - a) Timeline and progress of the project
 - b) Information on benefits / adverse impacts; compensation and entitlements
 - c) Timeline for project completion
23. As a part of its disclosure requirement, this draft ARAP shall be made available to the public in accordance with relevant provisions of the RTI Act. The draft ARAP after approval of World Bank can be accessed at the website of JUIDCO (www.juidco.jharkhand.gov.in) as well as in the Khunti Municipality for feedback and

ARAP of Khunti Water Supply Project

comments from stakeholders. The revised ARAP shall be disclosed again after incorporation of comments, if any.

Table 7: Information to be Disclosed, Frequency and Location

Topic	Documents to be disclosed	Frequency	Location
Resettlement, rehabilitation	ARAP	Once in the entire project Cycle, but to remain on the website and other disclosure locations throughout the project period.	<ul style="list-style-type: none"> ▶ World Bank's website ▶ On the website of JUIDCO <p>JUIDCO would make the ARAP available at a place accessible to displaced persons and local NGOs, in a form, manner, and language that are understandable to the PAPs in the following offices:</p> <ul style="list-style-type: none"> i. DM's office ii. District libraries iii. Local municipal and iv. Gram panchayat office v. Contractor camp vi. Project office
	Resettlement Policy and entitlement framework translated in local language.	Once in the entire project cycle	Distributed among PAPs
	Information regarding impacts and their entitlements in local language.	Once at the start of the project and as and when demanded by the PAP.	Through one-to-one contact with PAPs; community consultation; list of PAPs with impacts and entitlements to be pasted in the IA office and website of project.
	R&R monthly progress report.	10 th day of every month.	Hard copy in the office of JUIDCO and contractor in local language.

ARAP of Khunti Water Supply Project

	Grievance redress process	Continuous process throughout the project cycle	On the website of JUIDCO. In a form, manner, and language that are understandable to the PAPs in the following offices: i. DM's office ii. District libraries iii. Local municipal and iv. Gram Panchayat Office v. Contractor camp vi. Project office
Public Consultation	Minutes of formal public consultation meetings.	Within two weeks of the meeting.	On the website of JUIDCO And in the following offices: i. Contractor camp ii. Project office/PIU

6 Grievance Redressal mechanism

24. A GRC will be set up at the state and ULB level. The objective is to receive and resolve the affected communities concerns, queries, complaints and grievances about the environmental and social aspects of the Project that could be encountered during implementation as well as to address other social issues pertaining to social cohesion and integration once the sub-projects implemented. Some means of communicating information on JUIDCO's GRM includes the following:

- ▶ Distribution of leaflets to the public places
- ▶ Notice boards
- ▶ JUIDCO's website
- ▶ Telecommunication Tools

25. The Deputy Project Director (JUIDCO, PMU) will be responsible for ensuring that each sub-project establishes an effective multi-level GRM to handle all grievances related to sub-project activities. The GRM will function at 2 levels: at the community level, where every effort will be made to resolve the issue; and at the sub-project level where, a GRC will be established and as an appeal mechanism at state level. The sub-project level GRC shall be constituted with following members.

- ▶ One from the ULB/executing agency
- ▶ Any one elected representative (local project area; preferably female)
- ▶ Representative of a community-based group of women such as Mahila Samakhya/ Mahila Mandal
- ▶ A person who is publicly known and accepted by the locals (in the project area) to speak on their behalf (to be identified by the elected representatives of the ULB)

ARAP of Khunti Water Supply Project

- ▶ Community development officer from PIU
- ▶ Medical officer
- ▶ Officer from concerned department such as police, transport and labour
- ▶ ULB-level community organiser or Chief Municipal Officer's representative

26. The PAP will have to clarify the area of grievance. The GRC will entertain only grievances related to construction activities affecting the livelihood or loss of property/utility or restriction of access, labour community conflict, construction site management and quality of service during the O&M period. Grievances related to corruption will only be dealt under the anti-corruption laws of the Jharkhand.

27. The PAP (or his/her representative) may submit his/her complaint in by either written letter, phone, or email to the GRC or, alternatively, raise his/her voice in a public or individual meeting with project staff. A very simple grievance form in local language will also be available at each project site to be filled in by the complainant. Also complaint boxes shall be placed at ULB office, PIU office and Contractors campsite/office. One person in PIU and Khunti contractor office will be designated as complaint officer responsible for receiving all the grievances (oral or written) and maintaining the log of such complaints and action taken. This complaint officer shall facilitate filling the grievance form in case of illiterate complainants. NGO engaged for ARAP implementation shall act as facilitator in ensuring that all the complaints/suggestions reach the attention of PIU head especially of the PAPs and local community. The effectiveness of the GRM shall be tracked through progress report of Construction Supervision and Quality Consultants (CSQC) and NGO facilitating ARAP implementation.

28. The contact details of the registering complaints/suggestions at state level is given below:

Grievance Redressal Cell

Jharkhand infrastructure Development Company Limited

3rd Floor, Pragati Sadan, Kutchery Chowk

Ranchi-834001, Jharkhand

Phone No: 651 2243203

Email: grc.jmdp.juidco@gmail.com

29. The GRC will meet to try and resolve the matter at community level and make a recommendation usually within 7-10 working days from receipt of complaint. If there is no decision after 10 days, the PAP or any other aggrieved person can refer the complaint to

ARAP of Khunti Water Supply Project

the Deputy Project Director (JUIDCO, World Bank PMU). The Deputy Project Director (JUIDCO, World Bank PMU) will chair an Appeals Committee, which will then examine and address the complaint within 20 days. It is recognised that some complaints may take longer to resolve due to their complexity, for example, those related to land disputes. In such cases, the grievd party shall be communicated the possibility of delays with reasons and next actions within 20 days, All submitted complaints and grievances will be registered at the sub-project level and added to a database of JUIDCO-JMDP PIU, which will be monitored regularly by designated JUIDCO-JMDP staff. In addition to the mechanism explained above, PAPs have the right to approach the judiciary of the country.

7 Institutional Arrangements for Addressing Resettlement Impacts

30. The project will set up dedicated teams to be based in Ranchi and in concerned ULBs responsible for managing, coordinating and monitoring the execution of its sub-projects.
31. The State PMU in Ranchi at JUIDCO will be responsible for addressing social safeguard measures. The PMU will be supported by competitively selected decentralised teams as PIU at ULB responsible for day-to-day execution of respective sub-projects. Social and environment specialists will be hired by the Project Management Consultants (PMC) and PIU to coordinate, review, support and monitor all respective safeguards aspects of the project. The PMU specialists will also train and strengthen the capacities of specialists in the PIUs and other implementing entities. The project shall hire qualified civil society organisations/NGOs for the implementation of ARAP and other social mobilisation/IEC activities under the Khunti Water Supply Project and all the compensation and R&R assistance will be disbursed by the deputy commissioner office of the Khunti district as per the current provisions of the state if Jharkhand.

8 Monitoring and Reporting Arrangements

32. The concurrent internal monitoring will be done as part of the regular monitoring by the PIU, implementing agencies, and design and supervision consultants. Khunti PIU will do the regular monitoring of ARAP implementation. PIUs will submit monthly progress report on ARAP implementation to the PMU. The PMU, with the help of in-house social specialist will do the quarterly monitoring of the sub-projects for safeguards compliance. PMU will further submit the report to World Bank quarterly.
33. An external evaluation of the ARAP implementation along with RAP for other sub-projects will also be undertaken through an audit consultant specifically hired for this purpose. Stakeholder consultation workshops with the participating departments and other stakeholders at ULB level will be held once a quarter during implementation, to gather their feedback on the environmental & social issues arising out of implementation of this sub-project.

9 Implementation Schedule

34. Once implementation is initiated, NGO/ARAP implementation consultants will coordinate with affected people to collect all the required information to verify and facilitate disbursement of entitlements. During implementation stage the Design Review Built Contractor may propose some design changes leading to changes in Corridor of Impact. This shall necessitate a joint verification of the PAPs by PIU social specialist, NGO and Contractors to update the PAP list and conduct census survey of additional PAPs, if any.
35. Any changes in the designs during construction phase leading to substantial impacts and change in category of this sub project from S2 to S1, a full RAP will be prepared and necessary approval of World Bank will be taken and disclosed as per the guidance in ESMF.
36. All the assistance will be disbursed to the PAPs before the start of the construction work and other benefit such as training will be implemented parallel to construction activities.

Table 8: ARAP Implementation Schedule

S.No.	Activities	Month wise																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
A	Preparatory Activities																								
1.	Hiring of NGO/ARAP implementing Agency																								
	Mobilisation of PIU prior to award of DRBO Contract																								
1.	Collection and review of ARAP Report & other relevant documents																								
	Establishment of GRC																								
2.	Reconnaissance survey and rapport building with community & district, DRBO Contractor																								
3.	Orientation training of PIU Social Officer and contractor staff on the ARAP																								
4.	Submission of Identification and Verification Report for																								

ARAP of Khunti Water Supply Project

S.No.	Activities	Month wise																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	PAPs to PIU and PMU. and																								
	Update ARAP, if required and Submit for necessary review by PMU and approval of World Bank. Re - disclose.																								
B	IEC and Awareness Campaign																								
7.	Preparation and distribution of R&R policy to PAPs																								
8.	Organize awareness campaigns for sharing information on ARAP																								
9.	Rapport building through participatory process																								
10.	Consultation meetings with project staff, contractors and labours																								
11.	Develop messages and training material for awareness on HIV/ AIDS in association with SACO																								
12.	Organize awareness campaigns for construction labors and nearby community on HIV/ AIDS																								
D	Land and Building Valuation																								
13.	Measurement & valuation of structures (private /community etc.)																								
14.	Photography of EPs for distribution of entitlement- cum- identity Cards																								

ARAP of Khunti Water Supply Project

S.No.	Activities	Month wise																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
E	Micro Plans & Disbursement																								
15	Preparation of Micro plan for (Titleholder)																								
16	Disbursement of entitlement/ compensation/ assistance(Titleholder)																								
17.	Preparation of Micro Plans (Non-title holders)																								
18.	Opening of bank account in joint																								
19	Disbursement of entitlement/ compensation/ assistance																								
20	Handing over of encumbrance free site																								
21	Holding of health awareness, check up camps																								
22	Information regarding jobs and provision of labor opportunities (gender disaggregated) by Contractor with preference to vulnerable PAHs – Intermittently																								
F	Rehabilitation Process																								
23	Livelihood analysis/options for PAPs																								
24	Identification of training Needs (Training Needs Assessment)																								
25	Formation of Savings/ Self Help Groups (SHGs)																								
26	Vocational, skill up gradation trainings																								

ARAP of Khunti Water Supply Project

S.No.	Activities	Month wise																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	based on the micro plans etc.																								
G	Completion Process																								
27	Submission of Inception and Monthly Reports from Month 2	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
28	Submission of Completion Report																								

10 R&R Budget

A detailed indicative R&R cost is given in table below for Khunti WS project.

Table 9: Compensation and Assistance for Khunti Water Supply Project

Compensation and Assistance for Khunti Water Supply Project			
Loss of Structure (house, shop, building or immovable property or assets attached to land)			
Type of Structure (NTH)	Rs. Per Sq.m.	Area Sq.m.	
Semi-Permanent	8810.00	0.54	4,757.40
Temporary	2668.00	0.48	1,280.64
Subtotal (A)			6,038.04
Assistance			
Loss of Shop/trade/commercial structure			
Compensation for structure as per market value		2	6038.04
Shifting assistance to DPs	5,000	2	10,000.00
Subsistence Allowance for 1 month	7,510.00	2	15,020.00
Subtotal (B)			25,020.00
Temporary Impact			
One time Assistance for temporary loss of Livelihood for 1 Month	7,510.00	35	2,62,850.00
Subtotal (C)			2,62,850.00
Impact to Vulnerable Household with Permanent Impact			
One time Assistance who have to relocate*	10,000.00	1	10,000.00
Subtotal (D)			10,000.00
Implementation Support			
Approx Fees for ARAP Implementation Consultant	4,00,000.00		4,00,000.00
Subtotal (E) 703908.04			4,00,000.00
Impact during Construction			
Contingency of 10%			
Subtotal (F)			70390.80
Grand Total (A+B+C+D+E+F)			7,74,298.84

*Special Assistance to vulnerable family except other benefit.

The total Budget comes to INR 7,74,298.84 (i.e. INR 7.74 lacs only)



ARAP has been prepared to implement the project smoothly without causing any adverse impacts on the PAPs and further providing all the necessary support to the PAPs in time-bound manner.

Annexure I: List of Project Affected Persons

A-Temporary

S No.	Ward No	PAP Name	Father'S Name
1.	6	Laxmi Devi	Lt. Rajenjar Kumar
2.	6	Priya Dharsan Ram	Rakesh Ranjan Ram
3.	6	Pradhuman Prasad	Banshidhan Prasad
4.	6	Shri Shailendra Kumar Singh	Tejaswar Thakur
5.	6	Rahul Gorde	Bipul Gorde
6.	6	Harikrishna Gonju	Biharilal Gonju
7.	6	Prabir Prasad	Ravi Prasad
8.	6	Kishun Das	Lt Mhuji Dhar Das
9.	6	Uttam Bhagat	Bhau Shankar Bhagat
10.	6	Ravi Sahu	Kiran Sahu
11.	6	Shri Krishna Sinha	Deep Narayan Singha
12.	6	Binodanand Sahu	Lt Pawan Sahu
13.	6	Anita Teli	Anand Mohan Teli
14.	6	Abhay Prasad	Akhil Prasad
15.	6	Ankit Sharma	Anjan Prakash Sharma
16.	9	Raghubir Lal	Prem Mohan Lal
17.	9	Payare Ranjan Ram	Ratan Kumar Lal
18.	9	Pranan Prakash	Ravi Shankar Prakash
19.	9	Santosh Kumar	Sashi Kiran Kumar
20.	9	Ratan Bihari Sahu	Shabhu Saran Sahu
21.	9	Sidhharth Ghonju	Madan Gopal Ghonju
22.	9	Nagesh Kumar	Kunj Bihari Kumar
23.	9	Upendra Shaw	Bhanu Shankar
24.	9	Rahul Kumar	Basan Kumar
25.	9	Amit Prakash	Suraj Prakash
26.	9	Jitendra Shaw	Lt Kabir Shaw
27.	9	Suren Mahato	Uttam Mahato
28.	15	Raghuram Sahu	Prem Narayan Sahu
29.	15	Raju Shambhu	Motilal Shambhu
30.	15	Kamleshwar Shaw	Shri Lato Shaw
31.	15	Anand Prem Prasad	Sukhi Narayan
32.	15	Sita Devi	Lt Ram Thakur
33.	15	MD Shahid Ansari	MD. Makhur Ansari
34.	15	Pradip Shaw	Bilash Shaw
35.	15	Arun Ram	Ayodhya Ram

B- Details of the structures of Non- title Holder to be affected

SI No	Person's Name	Ward No	Affected Str	Affected Person
1	Pardeshi Munda	9		
2	Gobardhan Lohara	10	