Land Acquisition, Involuntary Resettlement, and Indigenous Peoples Due Diligence Report

Final Report

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Nepal: Urban Water Supply and Sanitation (Sector) Project - Jhumka Urban Water Supply and Sanitation (Sector) Project, Jhumka, Sunsari

Prepared by Prepared by Ministry of Water Supply, Government of Nepal as per requirement of the Asian Development Bank

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CURRENCY EQUIVALENTS

(As of 21 May, 2021)

Currency unit - Nepalese Rupee (NRs)

\$1.00 = NRs116.93

WEIGHTS AND MEASURES

cum - cubic meter
HP - Horse Power
km - kilo meter
lps - litre per second
mm - Millimetre
sq. m - square meter

ABBREVIATIONS

ADB - Asian Development Bank
BPT - Break Pressure Tank
DDR - Due Diligence Report

DSMC - Design Supervision and Management Consultant

DWSSM - Department of Water Supply and Sewerage Management

MOWS - Ministry of Water Supply

NUDS - National Urban Development Strategy

OBA - Output-Based Aid
ODF - Open Defecation Free
PMO - Project Management Office

PMQAC - Project Management and Quality Assurance Consultant

RDSMC - Regional Design, Supervision and Management Consultant

RPMO - Regional Project Management Office SDG - Sustainable Development Goal

TDF - Town Development Fund SPS - Safeguard Policy Statement

UWSSP - Urban Water Supply and Sanitation (Sector) Project

WUSC - Water Users and Sanitation Committee

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I. INTRODUCTION

A. Project Background

- 1. The Urban Water Supply and Sanitation Sector Project (UWSSP) will support the Government of Nepal expand access to community managed water supply and sanitation (WSS) in 20 project municipalities by drawing on experiences and lessons from three earlier projects funded by the Asian Development Bank (ADB). The project will fund climate-resilient and inclusive WSS infrastructure in project municipalities and strengthen institutional and community capacity, sustainable service delivery, and project development. Subprojects will be demand-driven by Water Users Associations (WUAs) and project municipalities and selected based on transparent criteria² including population growth, poverty index, existing WSS infrastructure, community willingness for cost sharing, and long-term operation and maintenance (O&M) contract.
- 2. The project will build upon the on-going efforts of the Government of Nepal in providing water supply and sanitation (WSS) services in urban areas of Nepal. It will help the country to meet Sustainable Development Goal (SDG)-6 to ensure availability and sustainable management of water and sanitation for all by 2030. It is also aligned with sector objectives laid out by the government's Fourteenth Plan, National Urban Development Strategy, and updated 15-year Development Plan for WSS in Small Towns, which is to improve water supply and sanitation service delivery in urban areas across Nepal.
- 3. The project will have the following impact: quality of life for urban population, including the poor and marginalized, through provision of improved sustainable WSS services. The project will have the following outcome: inclusive and sustainable access to water supply and sanitation services in project municipalities improved. The project will have two outputs: (i) water supply and sanitation infrastructure in project municipalities improved; and institutional and community capacities strengthened.
- 4. The Ministry of Water Supply (MOWS) is responsible for planning, implementation, regulation, and monitoring of WSS. The Department of Water Supply and Sewerage Management (DWSSM) under the MOWS supports the provision of WSS facilities in municipalities where large utilities do not exist, and these are operated by WUSCs⁵ or municipalities.⁶ Shortage of investment funds, skilled personnel, and inadequate operation and maintenance (O&M) budgets, hinders municipalities from providing adequate, cost-effective services. The Local Governance Operation Act, 2017, established municipalities as autonomous government institutions with responsibility for WSS services. While municipalities' capacity is being built, the government and residents have been receptive to the decentralized, participatory, and cost-sharing service provision model by Water Users Associations (WUAs). Development support for municipal WSS has been channelled through a combination of (i) government grants through DWSS, (ii) loans by the Town Development Fund (TDF), and (iii) contributions

ADB .Nepal: Small Towns Water Supply and Sanitation Sector Project (2000); Nepal: Second Small Towns Water Supply and Sanitation Sector Project (2009); and Nepal: Third Small Towns Water Supply and Sanitation Sector Project (2014).

² Subproject selection criteria are detailed in the PAM (footnote Error! Bookmark not defined.). Selection of future investments to be designed under the project will follow same criteria, with preference for investments located in Kathmandu Valley, provincial headquarters, and strategic border municipalities.

Procurement can only commence after DWSS and municipality sign management agreement with WUSC for 20 years O& M service. The municipality will own the system and the WUSC will be the operator.

⁴ Government of Nepal. 2009. *Urban Water Supply and Sanitation Policy*. Kathmandu

The WUSCs, formed under the Nepal Water Resource Act, 1992, are the elected executive bodies of the Water Users Association.

⁶ The DWSSM assists in preparation of investment plans, project design, and establishing sustainable service delivery.

The TDF is a government-owned entity established under the Town Development Fund Act, 1997. Loans from the government to WUAs or municipalities are generally on-lent by TDF under a subproject financing agreement.

from municipalities and beneficiaries⁸. The TDF also supports WUAs in institutional and financial management including the introduction of tariffs.

- 5. The project will be implemented over a five-year period (indicative implementation period is 2018 to 2023) and will be supported through ADB financing using a sector lending approach. The MOWS is the executing agency and DWSSM as the implementing agency. The project management office (PMO) will be responsible for the overall management, implementation and monitoring of the project. There will be regional PMOs (RPMOs) to manage the day-to-day project implementation at the subproject/municipality level. After construction which includes a one-year O&M period by the contractor, subprojects will be operated by the WUSC or municipality.
- 6. The Urban Water Supply and Sanitation (Sector) Project (UWSSP) is designed with the principle of community management, making it demand responsive, and adopting participatory approach. Participatory approach aims for greater community participation in planning, implementation along with their operation and maintenance activities. In terms of financing, 70 percent of the cost will be contributed by Government of Nepal. The initial cash contribution of WUSC should be minimum 5 percent of the civil works contract in the form of upfront cash contribution. The remaining 25 percent to be borrowed from the TDF as a loan at an interest rate not exceeding 5 percent per annum with a maturity of 25 years including a grace period of five years. The project ensures full participation of Water Users and Sanitation Committee in the formulation, implementation and operation and maintenance of water supply and sanitation.
- 7. It is anticipated that the proposed UWSSP will not involve any significant resettlement impacts and is classified as Category B for involuntary resettlement safeguards. The Resettlement Framework provides guidance for the assessment of involuntary resettlement impacts and for the preparation of resettlement plans/land acquisition and involuntary resettlement due diligence reports for components that are identified or subprojects that are assessed or any changes in design after Board approval. Any proposed future subproject involving significant impacts will not be allowed.

B. Scope of this Report

- 8. This land acquisition, involuntary resettlement and Indigenous Peoples Due Diligence Report (DDR) is prepared for the proposed Jhumka Urban Water Supply and Sanitation Project. A due diligence process was conducted to examine land acquisition and resettlement issues in detail, in line with ADB Safeguard Policy Statement (SPS) 2009. This report describes the findings and provides copies of available land-related documents and photographs. This DDR was prepared based on the Resettlement Framework for UWSSP.
- 9. Upon project implementation, the Social Safeguards Officer at PMO will be responsible for undertaking implementation of this due diligence, preparing confirmation or reporting any modifications which might take place during implementing in the subproject and submit to ADB in case of any changes and receiving 'no objection' confirmation from ADB prior to start of construction in the subproject.

⁸WUAs contribute 30% of project costs for water supply subprojects (25% from TDF loan and 5% from users' upfront cash contribution) and 15% for sanitation sub-projects (subsidy from municipalities).

II. SUB-PROJECT DESCRIPTION

A. Location and Accessibility

- 10. The Project area of Jhumka urban Water Supply and Sanitation Project lies in Ramdhuni Municipality, Sunsari District situated in Terai area, Province 1, of Nepal. It is located in the south eastern part of the Country.
- 11. Jhumka Bazaar, the project site is linked at East West Highway at Jhumka. The project has all-weather black topped road passes from the middle of the service area. The internal road in the service area has few black top roads, mostly of gravel and earthen in nature.
- 12. The town, Jhumka is about 357 km away towards east from capital city, Kathmandu through BP highway and 10 km from District headquarter Inaruwa, Sunsari district. Saptakoshi Bridge to Jhumka chowk 38 km east along East-West highway. The project area lies between its geographical coordinates are 26.40° Latitude, 87.11° Longitude. The town lies in the East from famous Saptakoshi River. The location of the project area is shown in Figure 1.

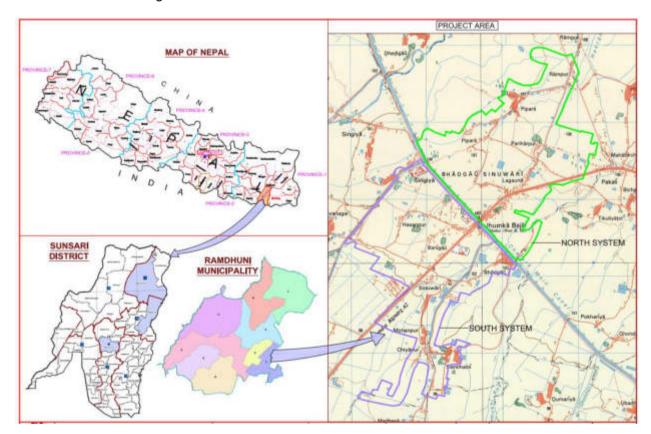


Figure 1: Project Area

- B. Socio-economic Profile of the Project Area
- i) Service Area, Households and Population
- 13. Ramdhuni Municipality is formed by merging previous Bhadgau Sinuwari, Singiya Dumraha, and Baklauri village Development committees in Sunsari District. The project area is delineated in consultation with WUSC, Mayor of Ramdhuni Municipality

and local communities. Socio-economic survey (2020) within the delineated service area covers ward number 5 fully and wards number 1, 2, and 3 partially of Ram Dhuni Municipality. The service areas are characterised as urban, semi urban area. The areas of ward 5 and 1 are core urban area of Jhumka Bazar and remaining wards have both semi urban and rural characters in settlement pattern. Main market and offices are located in ward 5 and 1 of Ram Dhuni Municipality.

14. As per Municipality profile 2076 (2018/2019) the population of the Ramdhuni Municipality is 62816 with 13482 households. The proposed project covers Wards 1, 2, 3 (partial coverage) and 5 (complete coverage) of Ramdhuni municipality, Sunsari district. Major settlements / Tole of the service area as well as Ward wise Household and population are presented in Table-1. As the table shows the area accommodates a total population of about 20,337; of which 19,303 is permanent population and 1034 is rental population.

Table-.1: Households and Population by Wards

				Po	opulation	1
S. No	Ward numbers	Major Cluster settlements	HH No	Permanent	Rental	Including rental Total
1	1 (partial)	Naya Baidar, Purwa Saraswati, Mohanpur, Sainimaini, Naya Bhadgau, Purano Bhadgau, Ekata , Shiv Chok, Sinuwari, Pragati, Badgau, Bhasi etc	1,253	6366	448	6,814
2	2 (partial)	Sabdasha, Adarsha tole, Purwe Tole	72	489	0	489
3	3 (partial)	Pariyarpur, Sabhyata, Pipara, Musahari, Shiva, Kadam, Magar Tole, Daraocha, Singada, Shivalaya, Saketa	764	2583	110	2,693
4	5 (complete)	Singada, Shivalaya, Saketa Barban, shanty, Indreni, Hasanpur, Saraswati, Sangam, Manakamana, Banigaon, Redcross, Buddha tole, Sirjanshil, Pipara,		9865	476	10,341
TOTA	AL	·	4,031	19,303	1034	20,337

Source: Field Survey PEA-BN JV, Sept 2020

ii) Households and Population by Ethnic Composition

- 15. The household survey of the sub project area shows that the composition of community by caste/ethnicity is heterogeneous. Diversity of culture, custom, tradition, norms and values exist in the project area. Each caste and ethnicity is characterized by its own customs, traditions, culture and nature of occupation with which they are associated.
- 16. The proposed project service area comprises multi caste / ethnic groups. Each caste and ethnicity is characterized by its own customs, traditions, culture and nature of occupation with which they are associated.

17. A high of 46.04 % of population are found to be Janajati followed by 42.30 % in Brahmin/ Chhetri. Household and Population of Dalit community are 11.46%. The distribution of population by caste and ethnic group for each ward is outlined in Table-2 below.

Table 2: Household Size by Caste / Ethnicity

	R	amdhuni N				
Ethnicity		Ward	Total HH	Percent		
	1	2	3	5		
Bharmin/Chettri	237	0	276	1192	1705	42.30
Madhesi /Janjati	731	72	401	652	1856	46.04
Dalit	285	0	87	90	462	11.46
Other	0	0	0	8	8	0.20
Total	1253	72	764	1942	4031	100.0

Source: Field Survey, PEA-BN JV Sept. 2020

iii) Major Institutions in the Service Area

18. Ramdhuni Municipality is one of the growing town of Sunsari district. Road access, market facilities and electrification are some of the major factors that attract migration of population to this town from outside.. A significant number of private institutions/organizations are in the subproject area. There are various public and private institutions such as school, bank and financial institution, health posts, and hotels within the service area. According to the institutional data obtained from the survey, 16 educational institution as well as schools with primary to higher secondary level was found in service area. Four Health Posts/center (private) with basic health facilities was available in service area. Likewise, more than 10 governmental, non-governmental and financial institutions exist in the area and providing services to the community. Three different types of small size hotels and one regional level Jail was found in the service area. The details of the institutions in the service area are presented in Table-3.

Table-3: Details of Institutions in the Service Area

S.N. Type of Institution		Sub-type	Number	No. of Staff/Workers/ Students
1 Government and Non-government Offices/Organizations /Business and Financial Institutions		Municipality office, Branch Office/Business center and Regional level Jail	11	2084
2	Schools	Government/Private/ Hostel/Montessori	16	5391
3	Health Institutions	Health Post/Small hospital	4	21 (19 bed)
4 Hotel (guest house)		Restaurants/ 3 (20 Lodge/Cottage room)		13
Total			34	7509

Source: Field Survey, PEA-BN JV Sept. 2020

C. Design Concept and Project Components

a) Description of Proposed Subproject Component

19. The service area presently does have a piped water supply system but its design limits have been exhausted and there is a demand for its rehabilitation and extension in terms of quantity and quality. The desired service level is a) 24 hours continuous supply with potable water as recommended by NDWQS guideline b) Supply to designated area through house connection and yard connection.

i) Project Area

20. Refer water supply service area drawing wherein the limits of supply are demarcated. The 2020 household survey conducted by ERDSMC in association with WUSC is summarized in table below.

Table 4: Service area, Households and Population by Wards

S. No	Ward numbers	Major Cluster settlements	HH No		
1	1 (partial)	Naya Baidar, Purwa Saraswati, Mohanpur, Sainimaini, Naya Bhadgau, Purano Bhadgau, Ekata , Shiv Chok, Sinuwari, Pragati, Badgau, Bhasi etc			
2	2 (partial)	Sabdasha, Adarsha tole, Purwe Tole	72		
3	3 (partial)	Pariyarpur, Sabhyata, Pipara, Musahari, Shiva, Kadam, Magar Tole, Daraocha, Singada, Shivalaya, Saketa	764		
4	5 (complete)	Barban,shanty, Indreni, Hasanpur, Saraswati, Sangam, Manakamana, Banigaon, Redcross, Buddha tole, Sirjanshil, Pipara, Kadam, Laligurans, Dakin Rhan, Siddhartha, Shiv Chok, Parijat, Jhumka, Pariyarpur, Bhamari Chok, Ganesh Tole, Janadhyan, Bhanu nagar, Ekata, Narayan tole etc	1,942		

Source: Field Survey, PEA-BN JV Sept. 2020

ii) Layout and Preliminary Engineering

- 21. Jhumka Urban Water Supply and Sanitation sub-project has been conceptualized as a piped water supply system considering ground water (deep tube wells) as sources.
- 22. The service area of Jhumka UWSSP spread over the main bazaar area and few parts of the semi urban area is also covered.
- 23. East –West Highway passes through the heart of the service area. Similarly Chatara Canal flowing north to south also flows through the service area. The Jhumka Bazaar lies in the junction of these two. The major settlements are spread over around 2 kms from this junction. Thus considering the topography, land use, settlement pattern 4 separate distribution schemes are proposed and are briefly described below: (Please refer Separate Volume: Preliminary Drawings)
- 24. As previously discussed water is proposed to distribute from single premises. There are few existing facilities viz 3 operating borings, 2 OHT reservoirs, newly built office buildings etc. The consultant has assessed physical the condition of the components will use the possible ones.

iii) Major Component of the Project (Water Supply Sector)

a) Water Source

- 25. The Jhumka Water Supply and Sanitation Project is designed as a pumping system service reservoir and gravity system into distribution system. Regarding the water sources, the design team discussed with the WUSC members, local bodies, concerned beneficiaries and key personnel's of the project area. As per the information provided by the community people during mass meeting, the reliable source is ground water in the area. Groundwater source is proposed for the new system, which has been used in existing system.
- 26. **Source:** The designated sources to serve the service area are proposed from deep tube wells. Following table depicts the required safe yield from deep tube wells:

Table 5: Deep Tube well sizes

S.N	Boring No	Required safe yield from source	Proposed Boring size	Location	Remarks
1	Boring 1	20 lps	250 x 200 mm	Ward No 3 Pani tankey tole	Proposed
2	Boring 2	20 lps	250 x 200 mm	Ward No 5 Laligurnas tole	proposed
3	Boring 3	20 lps	250 x 200 mm	Ward no 3 Pipara tole	proposed
4	Boring 4	15 lps	200 x 200 mm	Ward No 3 Adjacent to WUSC office	Existing boring with Mild steel casing and screen
5	Boring 5 and 6	10 lps each	200 x 200	Jhumka WUSC premises	Existing boring with Mild steel casing and screen

b) Treatment Facilities:

- 27. The Government Laboratory, located in Itahari was used to conduct chemical, bacteriological and physical tests of the proposed surface water. Altogether 3 different samples from existing deep tube wells were collected for conducting laboratory analysis to test for other physical and chemical parameters with respect to the Nepal Drinking Water Quality Standard guidelines for potable drinking water. Water from deep borings seems acidic in nature as pH value of 6.6, 6.8 and 7 are detected in tube well no1, 2 and 3 respectively. Similarly iron content is also found not complying in sample from tube well 1 and 2. Other parameters found comply with the NDWQS value.
- 28. Water will require treatment for the reasons to satisfy NDWQS. Mixing of water will dilute the iron content and lime dosing will also help to balance the PH value. To make the water safe from bacteria considerations, disinfecting or killing of pathogenic bacteria is required, and therefore chlorination has been proposed. Multi grade Pressure Treatment Units are proposed to treat water.

c) Transmission main

Pumping Main:

29. Three deep tube wells are proposed and the longest distance of pumping main is 634m. Thus total pumping main of 1560 m is estimated to pump water from deep tube wells to the respective storage tank.

d) Distribution Reservoirs

The following table summarizes the requirement of reservoir tanks subsystem wise.

Table 6: Requirement of Reservoir

S.N	Reservoir	Reservoir sizes (m³)	Remarks
1	Existing OHT,	100	Constructed in 1998, needs some repairs
2	Existing OHT	225	Constructed in 2019. Good condition
3	Proposed OHT	900	
TOTAL	•	1200	

e) Distribution Networks

30. Distribution pipes are laid both sides of the all metaled and major roads. Single line pipes are proposed in earthen and other roads. PE pipes are predominantly used. Pipe class & size lesser than 6 kgf and 50 mm are not proposed to use. Existing pipes will not be used as these are leaking and found substandard (class of 4 kgf).

The total distribution pipe length of the proposed system is about 202.78 km.

Table7: Distribution pipe network

S. No Pipe type		Length of Pipes (m)	
1	DI pipes	2139	
2	PE pipes	200.643	
TOTAL		202.782	

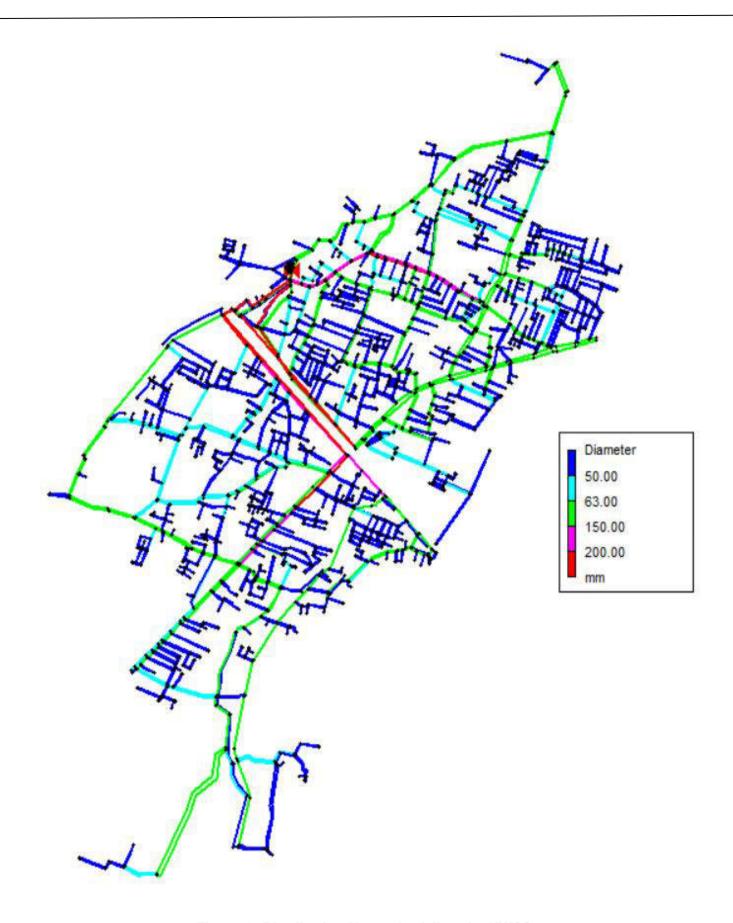


Figure 2: Distribution Network of Jhumka UWSS

f) Office Building / Laboratory Room

31. One recently constructed office building already exists, however, lab room, is proposed. Refer Drawing Volume for details.

Other appurtenances and buildings (Generator/ Operator House, Guard Houses etc.) have been provided as per requirement.

g) House Connections

32. The system has been designed, predominantly as house to house connections. The system has been analyzed for a design capacity of providing a total of 9,642 house connections. However, initially during construction phase, only 4,516 house connections are provided to satisfy the need for the base year population.

h) Appurtenances

33. These will primarily comprise of valve chambers or connector boxes to house in flow control valves for controlling flow in the pipeline and to the community taps etc. Altogether 460 valve chambers are expected in the system and are detailed below

Type 1	Type 2	Type3	Pipe valves	SCADA valves	Air valve Chambers	Wash out chambers
65	45	50	90	5	5	20

Appurtenances as air valves, scour valves, fire hydrants will be provided at suitable locations.

I. Sanitation Improvement component

34. This component comprises, waste water management, solid waste management, public toilet *etc* and are described below.

a. Public Toilet

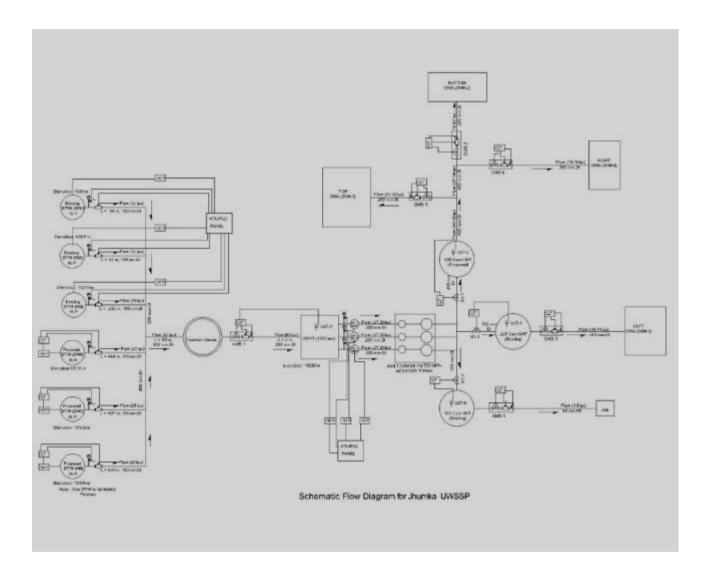
35. The town has three public toilets and is operating under municipality ward office. The existing public toilets do not have differently able people friendly the improvement is proposed in DEDR. No new public toilet is proposed as discussed with municipality and WUSC.

b. Individual Household Toilet Improvement

36. The sanitation improvement includes the individual household toilet improvement. The proposed town project is declared as open defecation free (ODF) area. During Socioeconomic survey, in 98% households have access to the toilet. Some households (Pit type toilets = 203) it seems that there is crucial need to improvement which shall have to be upgraded or improved as water sealed type. Total 279 (6.9%) households found below poverty line the low income group will be encouraged to construct water sealed toilet in their own land providing OBA grant. Therefore, land acquisition is not required for household toilet. The BPL households will be identified on the basis their economic status for OBA Grant. OBA grant will be provided to those households who are living below poverty line (NPR 13,500 per month based on the Nepal Living Standards Survey 2010/2011 updated in 2020 by UWSSP). During the project implementation period the WUSC will publish the notice in local language in local newspaper/FM radio for selection of OBA recipients among the low income group households. The team of stakeholder (Representatives of the Ramdhuni Municipality, Water User and Sanitation Committee, and Design Supervision Monitoring Consultant, GESI expert and Social Mobilizer) will verify the collected form; field observation will be made and then finalize the final

nominee. The approved below poverty line calculation sheet has been attached in **Annex-6**.

37. The detail of the water supply system, RVT/OHT, major water supply components are presented in schematic diagrams presented below:



III. FIELD WORK AND PUBLIC CONSULTATION

A. Outline of Field Work

- 38. The design survey team visited all locations and collected basic information of deep boring/intake, OHT and reservoir location and service area. The team informed WUSC to take the ownership of government land for the construction of structures and deep boring. Team Informed WUSC to register the sources as per government rule and regulation. WUSC is registered as per the decision of District water resource committee Inaruwa Sunsari dated 2058-01-18 (1 May 2001), attached in Annex 1b.
- 39. Field visit to the project site and major settlements/clusters in the service area was major step of the study. Many field visits were made onward June 2019 after mobilization of ERDSMC for the consulting services. Direct observation and interaction with local people likely to be affected by project construction activities was carried out during field visits. The details of field visit and interaction are presented in Table- 6
- 40. Reconnaissance surveys conducted along proposed/accessible pipeline alignments to identify the need for surveys and inventories; however, no structures were found along the alignment and it was assessed during field visits that temporary impacts could be avoided.
- 41. On 19 and 26 July 2020, field inspection of proposed subproject facility locations and pipeline alignments that had been identified was undertaken. These included field visit to the identified sites, alignments and stakeholder consultations. Field visits to all proposed sites, OHT, RVTs, deep boring location, transmission main alignments, distribution pipeline alignment and consultations with stakeholders were conducted to confirm land ownership and area determination, use the need for surveys and further consultations. Available no objection letter or land-related documents for land use from municipality were also collected during fieldwork. This is attached in Annex1a.
- 42. On 10 November 2020, meeting with the Mayor, Deputy Mayor, ward chairperson, local resident, ward chairpersons of ward no. 1, ward no 2, ward no. 3, ward no.5; was carried out for 5% cash collection and land of proposed boring area and its use .This is attached in Annex 2f.
- 43. On 25 January 2021, meeting on design presentation with the Mayor, Deputy Mayor, ward chairperson, local resident of different ward, chief administrative officer of the municipality with chairmanship of WUSC chairman. Annex2d
- 44. Two existing OHT 225 cum and 100 cum, 2 existing deep boring at within the compound of WUSC one is adjacent of WUSC compound and 3 proposed deep boring site is located in ward no 5 in the (Laligurans Tole) and ward no 3 (Samabesi tole) Total Pumping main pipeline 1.6 km and distribution pipeline 200.64 km. Available no objection letter or land-related documents for land use from municipality were also collected during fieldwork.
- 45. Minimum size of pipe is 50 mm and maximum is 450 mm. One meter wide space will be needed for excavation and pipe laying work. Ramdhuni Municipality has provided consent letter to WUSC for necessary construction work. Consent letter is attached in Appendix-1a.

B. Public Consultations

46. Consultation meetings were undertaken with key stakeholders in line with ADB's requirements pertaining to the environment and social considerations during the planning phase, feasibility study phase and detailed design phase. Tools used for consultation were stakeholder meetings and interviews. During project preparation, 8 formal stakeholder meetings were held with 212 persons in Jhumka WSSP (Mayor/Deputy Mayor, chief administrative officer of Municipality and WUSC chairperson, representative of main WUSC body and women groups). Similarly, discussions, interaction and interviews of local users were held within proposed project sites of Ramdhuni municipality to understand their key concerns related to the project. Inclusion of the poor in the drinking water scheme was also discussed. Required modality, role and responsibility of stakeholders, approach and requirements of the project including land to construct various structures were disseminated and well informed for effective implementation of the program. Likewise, modality of financial arrangement (upfront cash contribution of 5% by WUSC/users, 25% loan by Town Development Fund (TDF) and 70% grant by government) for the urban town's project was disseminated.

Table 8 : Public Consultation

	- 1			1 4 4 1 5 1	- · · · · · · · · · · · · · · · · · · ·	1	1
S	SN	Meeting Date	Participation	Venue & Participation	Topic of Dissemination/Discussion	Concerns/ Issues Raised	Recommended Measures
1		20 February 2021	WUSC and WUSC advisor	WUSC office Total 13 Male:10 Female:3	Resignation of WUSC Vice chairperson and Membership	Challenge WUSC big responsibility and opportunity	WUSC will work with coordination active participation for project Implementation. WUSC changed one member and Vice chairperson. Minute of meeting is attached in Annex 2a
2	2	16 February 2021	WUSC	WUSC office Total 11 Male:8 Female:3	Renew of WUSC		Coordinate with concern office for WUSC renew. Annex 2b
		3 February 2021	WUSC and WUSC advisor	WUSC office Total 14 Male:10 Female:4	5% Upfront cash collection, total project cost Voucher printing for Amount collection and thanks to user about general assembly of WUSC	Challenges for upfront cash collection 5% of, total project cost	Coordinate with all Tole development committee with briefing about UWSSP and cash collection Annex 2c
3		25 January, 2021	Mayor, Chief administrative officer, ward chairperson, WUSC Team and ERPMO, ERDSMC Design Engineer	Ram Dhuni Municipality office Total 23 Male:20 Female :3	Dissemination /Presentation of draft feasibility report. Cost sharing & Recovery etc. Discussion of the documents of the land required for the project and collection of 5% upfront cash for project and discussion on the social safeguard and environmental aspects	upfront cash collection, Minor level grievances during the construction phase regarding	Positive commitment to project implementation. Support for documents of the land required for the project Minute of meeting is attached in Annex 2d

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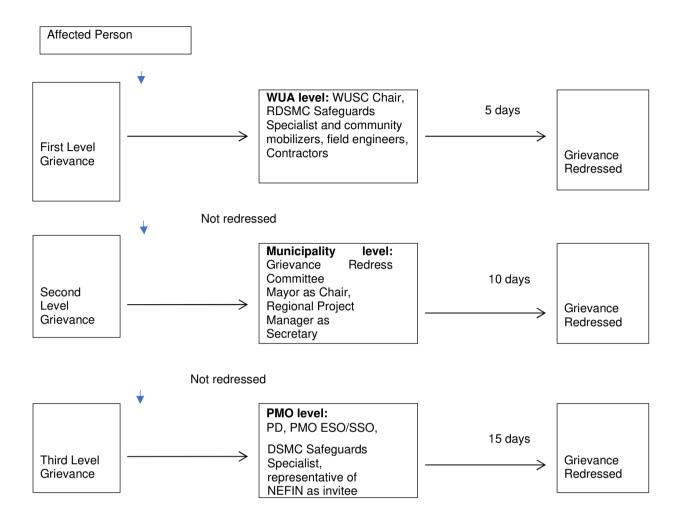
S	Meeting Date	Participation	Venue & Participation	Topic of Dissemination/Discussion	Concerns/ Issues Raised	Recommended Measures
4	8 December, 2020	WUSC, ERDSMC and Local user and Tole development committee	WUSC office Total 29 Male:25 Female:4	finalize after verification.	orient their responsibility	WUSC committed about safeguard and land required document. It is decided to Household number would be change and finalize after verification of all survey work and of all detail discussion with concern user of water supply project. Minute of meeting is attached in Annex 2e
5	10 November, 2020	Mayor, Deputy Mayor, ward chairperson ERPMO,WUSC and ERDSMC	WUSC office Total -21 Male:18 Female :3	Discussion for 5% Upfront cash collection of total project cost	Challenge Upfront cash collection, total project cost	Positive commitment to project implementation. Mayor and Deputy Mayor committed Municipality will support to 3% of total project cost for Project and WUSC will collect 2% amount of total project cost. Minute of meeting is attached in Annex 2f
6	24 September, 2020	WUSC, and ERDSMC, Design Engineer	WUSC office Total: 15 Male:11 Female: 4	To conduct survey work	Methods of survey and assistance required	To conduct survey work by ERDSMC team as soon as possible with coordination of WUSC. Minute of meeting is attached in Annex 2g

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SN	Meeting Date	Participation	Venue & Participation	Topic of Dissemination/Discussion	Concerns/ Issues Raised	Recommended Measures
7	26 July, 2020	Ward Chairman, WUSC,ERPMO,ERDSMC Local Water supply Sanitation committee	Ward no 3 Office Total: 66 Male:56 Female: 10	delineation of service area,	Methods of survey and assistance required Challenges for upfront cash collection,	To determination of water supply project, it is decided to detail discussion with ward representatives and water supply sanitation committee ward no 2 and ward water supply sanitation committee ward no 3 WUSC will provide within 2 days service area of Jhumka WSSP. Minute of meeting is attached in Annex 2h
8	19 July, 2020	Ward Chairman ,WUSC,ERPMO, ERDSMC Design Engineer	WUSC office Total: 20 Male:16 Female: 4	Kick off meeting , Briefing on proposed project and Initial meeting for delineation of service area ,	and assistance	WUSC decided to coordination with local ward and stake holders determination for project area. Minute of meeting is attached in Annex 2i

C. Grievance Redress Mechanism

- 47. A project-specific GRM will be established to receive, evaluate and facilitate resolution of affected persons' concerns, complaints, and grievances related to social, environmental and other concerns in the Jhumka sub-project. The GRM will aim to provide a time-bound and transparent mechanism to resolve such concerns. Grievances may be channelled through letters, emails, text messages (SMS), verbal narration, grievance boxes and registers. Suggested Format for Record Keeping and suggested template for grievance redress form is attached in Annex 7a & b.
- 48. A common GRM will be in place for social, environmental or any other grievances related to the subproject. The GRM will provide an accessible forum for receiving and facilitating resolution of affected persons' grievances related to the project. Project will publish the sample grievance registration form on its website, and publish it in local language and/or indigenous people dialect, at the hoarding board of each of the participating WUA or municipalities' office. Every grievance shall be registered with careful documentation of process adopted for each of the grievance handled, as explained below. The environmental and social safeguards officer (ESO/SSO) at the PMO will have the overall responsibility for timely grievance redress on environmental and social safeguards issues. The Social Safeguards Officer at the RPMO will be the focal person for facilitating the grievance redress at the local level.
- 49. The GRM will have three level system ie first level (WUA level) will be chaired by WUSC chairperson and participated by ICG, RDSMC, contractor as members. The second level GRM (Municipality level) will be chaired by Municipality Mayor and participated by RMPO chief and other representatives as members. The third level GRM (PMO level) will be coordinated by PD and other representatives from PMO/PMQAC including representative from Nepal Federation of Indigenous Nationalities (NEFIN) for final solution. The detailed for the GRM Refer to **PAM Appendix-5.**



DSMC = design, supervision and management consultant; ESO=environmental safeguards officer; NEFIN = Nepal Federation of Indigenous Nationalities; PD = project director; PMO = project management office; RDSMC = regional design, supervision and management consultant; SSO = social safeguards officer; WUA = water users' association; WUSC = water users' and sanitation committee.

Figure 3: Grievance Redress Process

IV. LAND AVAILABILITY AND RESETTLEMENT IMPACTS

A. Findings

- 50. The Jhumka Water Supply and Sanitation Project is designed as a pumping system up to service reservoir and gravity system for distribution system. Water will be pumped from deep tube well to OHT/GRVT through pressure filter or direct supply from bypass arrangement. In addition, valve chamber, transmission main, distribution pipe line, household connections, pipe fittings and valves, pressure filter, disinfection arrangement, office building, generator house, guard houses, boundary wall etc. are the major components of the project. Similarly, the electrical and electromechanical works are also major components of the For the project. construction of components/structures land is required at four different locations. Available documents regarding use of land and relevant photographs of the proposed sites for the water supply and sanitation facilities are attached to this due diligence report. Approval from the Municipality for water extraction is received. The details of land availability and ownership of proposed sites for the project are given in Table-9.
- 51. The subproject components are proposed in barren Government land. Among 6 nos deep boring, 3 are existing and 3 are new. New Three deep borings are lies on public barren land ward no 5 (Laligurans tole), Ward no 3 (Samabeshi tole) and ward no 3 (Samabeshi tole) also and 2 existing deep boring within WUSC compound and one is adjacent of WUSC compound. The entire distribution network will be laid down in existing Right-of-Way (RoW) of the public road network. Likewise, pumping pipeline passes through the Government road Right of way. There is no Involuntary Resettlement Impact due to the project activities.
- 52. Land at three different locations is required for construction for new three boring. All project components such as OHT, GRVT, treatment unit (pressure filter), guard house, generator house and deep boring and existing 2 nos OHT (225 cum and100 cum). For the use of existing structures are in WUSC compound WUSC has been used since 1994. Construction of proposed deep borings, WUSC has identified all locations and lands. Field observations reveal that lands in all sites are barren land without any public or private structures and free of encroacher/squatter settlement/informal users. Ramdhuni municipality has granted the letter of permission to use land to WUSC which is attached in Annex-1. No Involuntary Resettlement and Indigenous People impacts due to land use are anticipated in proposed project components construction sites.
- 53. The system will extract about 5.8 MLD (Ground water pumping discharge 67.11 lps for 20 hour in a day) water during design year.

B. Involuntary Resettlement

- 54. As mentioned in ADB's Safeguard Policy, the involuntary resettlement safeguards basically covers physical displacement (relocation, loss of residential land, or loss of shelter) and economic displacement (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 designated parks and protected areas.
- 55. About 3609 square meter of land for construction for new three no deep boring. Other requires project components are proposed in WUSC compound has been used by since 1994. All of the sites are barren Public/Government land. For the public land use, WUSC has received consent letter from the Municipality. No settlement will be adversely

affected and no need of physical displacement. The adverse impact of the project is nil and no need of compensation. The details of land requirement and Involuntary Resettlement/Indigenous Peoples impacts are discussed below under separate section-Land Availability and Resettlement Impact.

C. Indigenous Peoples

- 56. According to the ADB's Safeguard policy, the Indigenous Peoples safeguards are activated if a project directly or indirectly affects the dignity, human rights, livelihood systems, or culture of Indigenous Peoples or affects the territories or natural or cultural resources that Indigenous Peoples own, use, occupy, or claim as an ancestral domain or asset. The term Indigenous Peoples is used in a generic sense to refer to a distinct, vulnerable, social and cultural group possessing the characteristics such as self-identification as members of a distinct indigenous cultural group; geographically distinct habitats or ancestral territories; distinct customary cultural, economic, social, or political institutions; and a distinct language.
- 57. The field observation reveals that all the settlements/clusters in the service area are heterogeneous in terms of caste/ethnicity and no specific territory of indigenous people has been observed. The service area is densely populated by Indigenous community which is 46.04%, 42.30% are Brahmin/Chhetry, 11.46% are Dalits and 0.2% of population others. In the service area 46.04%, population belongs the indigenous group. In the context of service area, belonging to the indigenous group does not necessarily mean that they are underprivileged. The WUSC policy and rules reflect that all are treated equally and there is no discrimination on receiving water supply service based on ethnicity and caste. Universal coverage (100%) is applied for distribution within the service area. Most of the indigenous people are highly benefited by the project rather than adverse impact. It is the basic norms of the UWSSP. This will be ensured by the project's framework for inclusion of poor and vulnerable. No physical displacement and economic displacement (loss of land, assets, access to assets, income sources, or means of livelihoods) of indigenous people is anticipated as a result of land acquisition. Therefore, Indigenous People Plan is not required for this subproject.

D. Mitigation Measures

- 58. Most of the components of the Jhumka Water Supply and Sanitation project will be constructed in WUSC owned land or Government land. All sites are free from settlement. There will be no adverse impact.
- 59. Temporary impacts of transmission and distribution network laying and house connections will be limited to temporary disturbance in access to shops and residences. The contractor will be required to provide signs at appropriate locations indicating available alternate access routes for movement. The contractor will have to ensure access to shops and residences using simple wooden walkways where required and limit the excavation to 500m at a time to minimize disruption. Planks with handrails will be provided where width and depth of the excavation is >1m. No road closures are anticipated during construction; contractor to undertake construction on one side of the road first and on completion of the same start work on the other side to minimize impact on traffic. Provision of house connections may cause temporary disruptions in access to residences during construction. The contractor will be required to maintain access. Construction contracts will include the above provisions. Hence, loss of livelihood due to temporary loss of access is not envisaged.

- 60. Available documents regarding land use permission and photographs of the proposed sites for water supply facilities are annexed to this due diligence report (Annex-1a and Annex-5). The details of land availability and ownership of proposed sites for the project are given in Table-9.
- 61. All structures are located in government land and existing WUSC compound for which Municipality has provide "consent letter" for the use of land to Jhumka Urban Water Supply and Sanitation User Committee. Land ownership certificate is not applicable as the land belongs to government. The IEE report explicitly states no trees will be cut.

Table 9: Proposed and existing water supply component.

SN	Component/ Sources	Location	Capacity /Dimension	Status	Land	Minimum Land required(Biga/Kattha/dhur)/sq.m	Land Available		Compensation/ Mitigation Measures	Documents Details
1	Overhead Tank,	Ramdhuni Municipality ward	OHT: 900 cum	Proposed	Government	4 Katha (1352 sq. m)	0-16-11- (5594.23 sq. m)	Existing land of WUSC compound WUSC has		Consent letter
2	Overhead Tank,	no 3	OHT 225 cum OHT 100 cum	Existing	Government	, ,		/Government land. Existing WUSC premises/compound.	ownership of Government. Any unanticipated	received from Ramdhuni Municipality Annex-1a
3	Office building guard house Generator house	Ramdhuni Municipality ward no 3		Existing	Government	1 Katha (338.89 sq m)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	received from Municipality. No non- title users and squatters. No	Resettlement Framework and	
4	Treatment units	Ramdhuni Municipality ward no 3		one existing two Proposed	Government	15 Dhur (254 sq m)	0-16-11-		Matrix for UWSSP, through a	
5	Deep boring no 1	Ramdhuni Municipality ward no 3	250 x 200 mm	Proposed	Government	8 Dhur(135.44 sq m)	, , ,		(BOQ).	
6	Deep boring no 2	Ramdhuni Municipality ward no 5		Proposed	Government	8 Dhur(135.44 sq m)	, , ,		Municipality /Government land	Consent letter received from Ramdhuni Municipality Annex-1a
7	Deep boring no 3	Ramdhuni Municipality ward no 3		Proposed	Government	8 Dhur(135.44 sq m)	, ,,		Not required. Municipality	Consent letter will be prepared as

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SN	Component/ Sources	Location	Capacity /Dimension	Status	Land ownership	Minimum Land required(Biga/Kattha/dhur)/sq.m	, .	resettlement and Indigenous Peoples Impact	Compensation/ Mitigation Measures	Documents Details
								objection letter received from Municipality.	land	soon
8	Deep boring no 4	Ramdhuni Municipality ward no 3 adjacent WUSC office	200 x 200 mm	Existing	Government	8 Dhur(135.44 sq m)			land	Consent letter received from Ramdhuni Municipality Annex-1a
9	Deep boring no 5 and 6	Ramdhuni Municipality ward no 3 in WUSC Premises office		Existing	Government		(5594.23 sq. m)	Existing land of WUSC compound WUSC has been used since 1994. Municipality /Government land. Existing WUSC premises/compound. No objection letter received from Municipality. No nontitle users and squatters. No involuntary resettlement and indigenous people's impacts impacts anticipated	Municipality /Government land	Consent letter received from Ramdhuni Municipality Annex-1a
9	Transmission Main	Public Road Trail			Public road			Temporary		
10	Distribution line				Public road			Temporary		

Table 10: Valve chamber and fire hydrant

SN	Item	Quantity/Length	Location/Service	Involuntary Resettlement
SIN	item	Qualitity/Length	Area	Impact
1	Valve Chamber		Alignment	Ownership is with Government
	RCC/ Brick	160		of Nepal. To be provided within
2	Pipe Valve box	90		the ROW of existing government
3	Fire Hydrant	10	Main Junction of	roads. Access to shops and
			road,	residences will be ensured by
				the contractor and temporary
				economic impacts avoided.
				Traffic disruptions will be
				managed through a proper traffic
				management plan. No
				Involuntary Resettlement impact
				anticipated.

Table 11: Distribution and Transmission pipe network

S. No	Pipe type	Length of Pipes (m)	IR Impact	Mitigation Measures
1	Pumping Main pipes	1560.00	All alignments proposed	Contractor will ensure access through simple
2	DI pipes	2,139.00	within existing RoW of Government roads. No IR	measures such as provision of planks as per EMP provisions, which will be specified in the contract
3	PE pipes	200,643.00	impacts anticipated.	document.
TOTAL		204342.00		



Figure 4: Google map proposed with main structures of Jhumka UWSS

V. CONCLUSIONS

A. Summary and Conclusion

- 62. Boring site, OHT, GRVT and pressure filter plant site, office building cum laboratory and Generator house construction sites are identified. The water supply components are proposed to be constructed in the land owned by Municipality/GoN land. The distribution network will be on government land (ROW of government road). The proposed water supply project of the municipality is not assessed to have any significant impact on private or institutional land. It is not likely to have any impacts on private or public structures. The subproject is assessed not to have any impact on land and livelihood of poor and vulnerable people. It is clear that all identified sites are within clear boundary wall.
- 63. The impacts of project construction activities will be minimal and no need of physical displacement (relocation, loss of residential land, or loss of shelter) and no economic displacement (loss of assets, access to assets, income sources, or means of livelihoods). About 3609 square meters land is required for boring of three different locations for construction of project structures and OHT, Treatment Units, Guard house, Generator house, and Compressor house are located existing WUSC compound and WUSC has been used since 1994.
- 64. For the use of public/government land, WUSC has received consent letter from Municipality which is appended to this report (Annex-1). There is no permanent involuntary resettlement and indigenous people's impact due to construction works. Any unanticipated involuntary resettlement impacts found during project implementation shall be addressed as per the agreed entitlement matrix in the Resettlement Framework.
- 65. The composition of community by caste/ethnicity is heterogeneous in nature. Diversity of culture, custom, tradition, norms and values are existing in the project area. The household surveys of the sub project area reflect the cross section of major ethnic groups of the country. Mainly Magar, Rai, Tamang and Chaudhary are the main indigenous people of the service area.
- 66. The WUSC policy and rules reflect that all are treated equally and there is no discrimination on receiving water supply service based on ethnicity and caste. The project's framework for inclusion of poor and vulnerable households in project benefits will ensure that all indigenous people's households are included in project benefits. The project ensures 100% household water connections (including to indigenous peoples households). Furthermore, there is a provision of Output Based Aid program which include poor Indigenous people's households for tap connection and toilet construction for those who do not have household toilets.
- 67. There will be no adverse Involuntary Resettlement and Indigenous People impact from the construction activities such as 3 deep boring in three different sites and distribution lines, valve chambers and treatment facilities. All the proposed location and alignments are located in public places or along the right of way of roads.

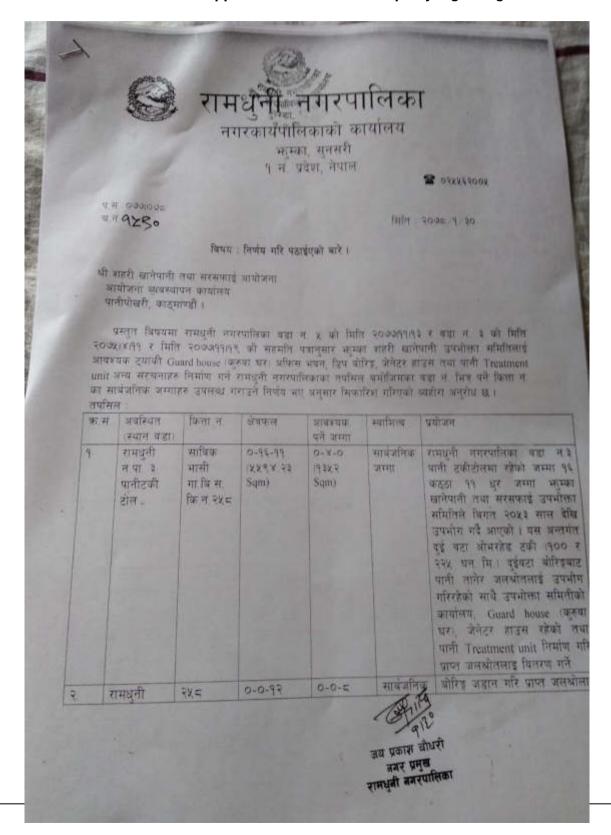
B. Next Steps

68. Any unanticipated involuntary resettlement impacts found during project implementation shall be addressed as per the agreed entitlement matrix in the Resettlement Framework.

ANNEXES

Annex-1

Recommendation and Approval Letter from Municipality Annex 1a. Recommendation and Approval letter from Municipality regarding land



	स्थाप निकरि स्था में दे स्थापिकी होत	न्त्रणात्म् । न्त्रणात्म् । न्त्रणात्म्	\$53Sqm)	932 ×Sqm)	जरमा -	उपभोक्ताहर माभ्र बितरण गर्ने ।
	रामध्यी वयस्यालिका इ.स. म. ३ समाचेशी टोल		0-0-92 (R0\$Sqm)	0-0-E 13V, ¥Sqm)	सार्थजनिक जम्मा	बोरिष अडान गाँर प्राप्त जनश्रीलाई उपनोक्ताहरु माम्ह वितरण गर्ने १
i	शमध्नी जगरपानिका वहा न ३ उपभोक्ता समिति अफिस संग सबिक		0-0-98 	0-0-90 949 \$Squi)	मरकारी जरमा	भाम्या खानेपानी तथा सरसफाई उपभोक्ता समितिन विगत ४ वर्ष अयोत २०७४ साल देखि बोरिश गरि पान्त जनस्थालाई उपभोक्ताह माम्स वितरण गर्ने ।
3	रामधुनी नगरपानिका यदा नं १ जारेन गुराँस टोन	1	0-0-33 (303Sqm)	0-0-€ 9₹X, YSqm)	सरकारी जन्मा	बोरिङ्ग जडान गरि प्राप्त जनश्रोल उपमोक्ताहरु मानः वितरण गर्ने ।
-	रामधुनी नगरपानिका वडा न दे उपभोक्ता समिति अफिस कम्माउपड	२४ = स्मोधक भासी गा.वि.स.।	0-91-99 (2292 23 Sqm)	0-0-50 55% \$Sqm)	मावंजनिक जन्मा	ओरिङ्ग जड़ान गरि प्राप्त जलथोन उपनीताहरू मान्ह वितरण गर्ने ।
3	भूक्य ट्रान्समिसन पाइपनाइन			१६ कि मि		भ्रम्का शहरी खानेपानी सरसफाई आयोजनाकी पाईपलाइन खन्ने तथा पुने । सागि।
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English Translation of Recommendation Letter

Ramdhuni Municipality Municipal Executive office Jhumka Sunsari Province no.1, Nepal

Date: 13 May, 2021

Letter No.: 077/078

Dispatched No.: 1590

Subject: In regard to the decision made

To.

The Urban Water Supply and Sanitation Project The Project Management Office, Panipokhari, Kathmandu

Referring to the consent letter received from ward no. 5 dated 25 February 2021 and ward no. 3 dated 27 July 2018 and 3 March 2021 on the subject mentioned above, It is decided that the recommendation from the municipality has been conferred to Jhumka WUSC to provide the public land for the construction of the required Tank, Guardhouse, Office Building and Deep Boring, generator house, water treatment plant and other component structures as per the details of plot number and ward location of Ramdhuni Municipality mentioned below:

Details;

S. No.	Location (ward/tole)	Plot No.	Area	Area of the required land	Land Ownership	Purpose
1.	Ramdhuni municipality– 3, Panitanki	258	0-16-11 (5594.23 sqm.)	0-4-0 (1352 sqm.)	GoN	WUSC office area; 5594.23 sqm. Has been using since 2054 by the committee where 2 deep boring, 2 OHT and

S. No.	Location (ward/tole)	Plot No.	Area	Area of the required land	Land Ownership	Purpose
						pressure filter including office building and guards house and generator house is existed. The area is used for additional structures; 1 OHT, Ground RVT and pressure filter for improved water supply.
2.	Ramdhuni municipality– 3, Samawesi Tole	258	0-0-12 (203 sqm.)	0-0-8 (135.4 sqm)	GoN	Construction of 2 Deep borings and use those as source of water
3.	Ramdhuni municipality– 3, Samawesi Tole		0-0-12 (203 sqm.)	0-0-8 (135.4 sqm)	GoN	Construction of 2 Deep borings and use those as source of water
4.	Ramdhuni municipality— 3, nearby WUSC office area	249	0-0-15 (253.95 sqm.)	0-0-10 (169.3 sqm.)	GoN	The land has been used by WUSC since 2074 for operation of one deep boring and use it as source of water
5.	Ramdhuni municipality— 3, laligurans Tole		0-0-12 (203 sqm.)	0-0-8 (135.4 sqm)	GoN	Construction of 2 Deep borings and use those as source of water
6	Ramdhuni municipality– 3, WUSC office area	258	0-16-11 (5594.23 sqm.)	0-0-10 (169.3 sqm.)	GoN	Construction of 2 Deep borings and use those as source of water
7	Main Transmission Line	-	-	1.6 Km	-	Use of land for trench cutting and filling for main transmission pipe line
8	Distribution Pipe Line	-	-	200.64 km	-	Use of land for trench cutting and filling for distribbution pipe line

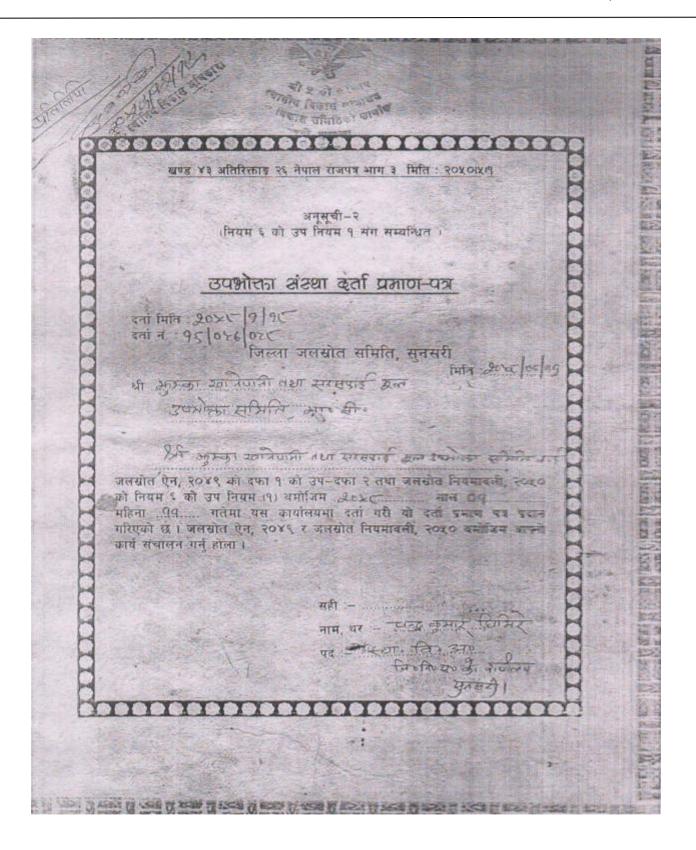
Sign and Stamp)		

Mr Jaya Prakash Chaudhary Mayor

Draft DDR Jhumka	(a.	ıml	hı.	J	R	D	D	ft	ra	Γ
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Ramdhuni Municipality

Annex 1b WUSC Registration Certificate



Annex-2 (Under rule 6, sub-rule 1)

Users Committee Registration Certificate

Registration Date: 01 May 2001 (2058/01/18)

Registration No.: 16/057/058 Date 02 May 2001 (2058/01/19)

District Water Resource Committee Sunsari

Shree Jhumka Water Supply and Sanitation Main Users Committee Bha.Si.

This registration certificate has been provided to Shree Jhumka Water Supply and Sanitation Main Users Committee with registration in this Office dated 02 May 2001 (2058/01/19). According to Water Resource Act 2049, clause no. 6, sub-clause (1) and Water Resource Regulation, 2050, may now continue execution of works as per Water Resource Act, 2049 and Water Resource Regulation 2050.

Signature of Authorized Officer:

Name: Chandra Kumar Ghimire

Designation: Local Development Officer

District Development committee office

Sunsari

Annex-2

Minutes of Meetings

काम मित्र करा नाल उक्ला ए गरे यस कामा स्वाविष
के कालकाव केंद्र यान न्यावपावकार्यात्र की केंक्री बाल
-टार्डिमी अल्यानतामा व्येट्ड प्रायम्भ जादीकी।
उपाञ्चाती -
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2. उपादशका क्षेत्री पियम तकाकालो क्षित्री.
3. न्याचिव अभी क्रीम क्रमण्यवड्या भूष
ड. केन्बास्थ्यत्र ह्यो क्याममित्र चित्रदेल
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व्यक्तिवीडा व्यह व्यक्तिवं ही विता व्यवाल (व्यक्तिवंडा) लाई क्लाउमामित वार उपाच्यात्र पढेंचे न्त्रम्ही बार्य कान् व्यापन अभी पपल्यापन औं अभी सर्व सहमत निर्वाय थे. प्रस्ताव ने श माकी दलक्त अपी पत सामितीकारह नाएडी स्त्या क्षेत्र किंग्र स्त्ये विशेष स्वार्थ केंग्र ते निर्माण कारण उहाँ अहाँ काई कत्परम यद वार रसत निर्मा अर्थ मार्न राम रत्यात निर्वास अर्थि अर्थ अर्थ उपान्त यस मुक्राबा जनाने पानी तथा क्रिक्स मुल उप कीका क्वामिती ड (बी) अना रहेते जिसे । तिर्वीय जिसे तपातिल प लिस्सम क्री के की नाम ने a. 34160 म क्षी चिता चवनाम (वेवातेबडा) 3. नाचिव क्षित केल ज्ञा ज्ञा नाउगाध्याह । ४ क्षां वासमार्ग कियेल क्षी देवान अवडब अो देशका दाहाल क्रिए गामप्र पर्वे दिव TEZA TESTION FLA

English Translation for the Minutes of Meeting-2a

Today dated 20 February 2021, the meeting for the Jhumka Water Supply & Sanitation Project discussion conducted under the chairmanship of Mr. Keshi Lal Chaudhary, WUSC chairperson of Jhumka Water Supply & Sanitation committee in the presence of the following mentioned participants.

S.No.	Name of Participants	Designation
1	Mr. Keshi Lal Chaudhary	WUSC Chairperson
2	Mr. Deepak Parajuli	WUSC Vice chairperson
3	Mr. Prem Kumar Khadka	WUSC Secretary
4	Mr .Ram Mani Sigdel	WUSC Treasurer
5	Mrs Sita Khanal	WUSC Joint secretary
6	Mr Dewan Khadka	WUSC Member
7	Mr Umesh Dahal	WUSC Member
8	Mr Thom prashad Pokhrel	WUSC Member
9	Mrs Deepa Wagle	WUSC Member
10	Mrs Laxmi Khadka	WUSC Member
11	Mr Parshuram Chaudhary	WUSC Member (ex-office s)
12	Mr Murari Chaudhary	Advisor, Water supply sanitation committee
13	Mr. Narayan Pd Kafle	Advisor, Water supply sanitation committee

Proposals:

- 1. Regard resignation of WUSC Vice chairperson
- 2. Regard to Membership

Decisions:

The following decisions were made concerning the above-mentioned proposals.

1. Regarding resignation of WUSC Vice chairperson, Mr. Deepak Parajuli, (He could not manage the time and unable to work as Vice chairperson due to his busy schedule as per him) It is decided that Joint secretary Mrs. Sita Khanal (Khatiwada) will be select/upgrade for Vice chairperson of Jhumka WSSP after this meeting.

2 .Regarding the Membership, It is decided that, Mrs.Niru Rai WUSC member of Jhumka WSSP, was absent since 2 years in meeting due to which she was automatically dismissed from WUSC member. After this meeting, there will be 9 members will work in Jhumka Water User Sanitation committee which are as follows:

SN	Name of Person	Post
1	Mr. Keshi Lal Chaudhary	WUSC Chairperson
2	Mrs,Sita Khanal (Khatiwada)	WUSC Vice Chairperson
3	Mr. Prem Kumar Khadka	WUSC Secretary
4	Mr .Ram Mani Sigdel	WUSC Treasurer
5	Mr Dewan Khadka	WUSC Member
6	Mr Umesh Dahal	WUSC Member
7	Mr Thom Prashad Pokhrel	WUSC Member
8	Mrs Laxmi Khadka	WUSC Member
9	Mrs Deepa Wagle	WUSC Member

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English Translation for the Minutes of Meeting -2b

Today dated 16 February 2021, the meeting for the Jhumka Water Supply & Sanitation Project discussion conducted under the chairmanship of Mr. Keshi Lal Chaudhary, WUSC chairperson of Jhumka Water Supply & Sanitation committee in the presence of the following mentioned participants.

S.No.	Name of Participants	Designation
1	Mr. Keshi Lal Chaudhary	WUSC Chairperson
2	Mr. Deepak Parajuli	WUSC Vice chairperson
3	Mr. Prem Kumar Khadka	WUSC Secretary
4	Mr .Ram Mani Sigdel	WUSC Treasurer
5	Mrs Sita Khanal	WUSC Joint secretary
6	Mr Dewan Khadka	WUSC Member
7	Mr Umesh Dahal	WUSC Member
8	Mr Thom Prashad Pokhrel	WUSC Member
9	Mrs Deepa Wagle	WUSC Member
10	Mrs Laxmi Khadka	WUSC Member
11	Mr Parshuram Chaudhary	WUSC Member (ex-office s)

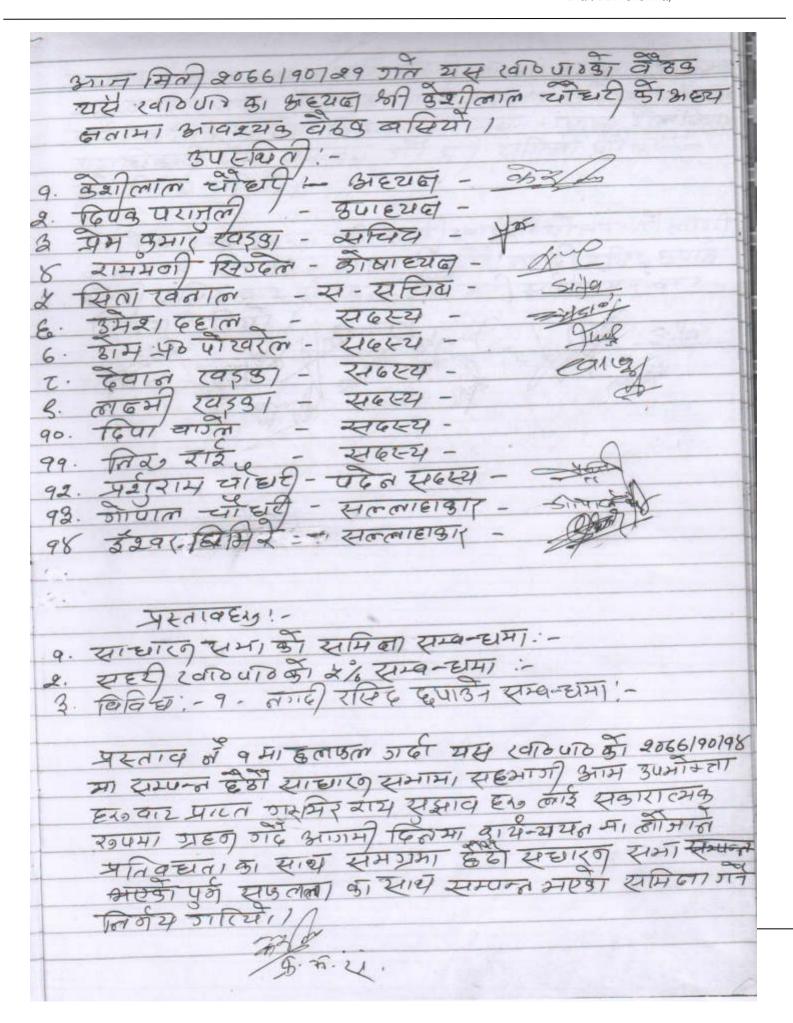
Proposals:

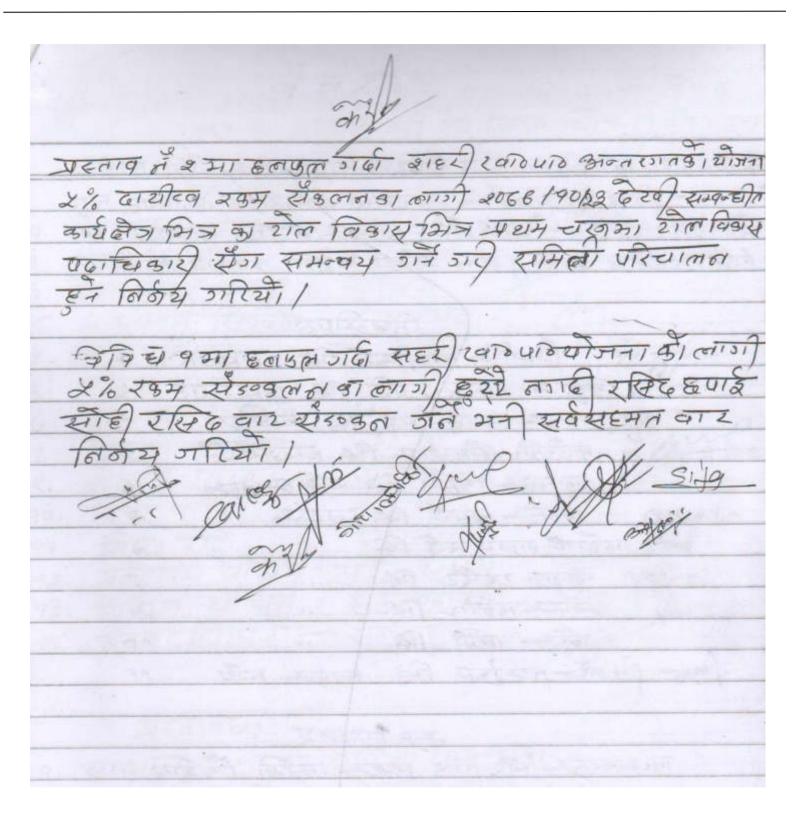
- 1. Regarding renew of WUSC
- 2. Other

Decisions:

The following decisions were made concerning the above-mentioned proposals.

1. Regarding renew of WUSC, It is decided that WUSC annual renew with necessary documents with concern office.





English Translation for the Minutes of Meeting -2c

Today dated 3 February 2021, the meeting for the Jhumka Water Supply & Sanitation Project discussion conducted under the chairmanship of Mr. Keshi Lal Chaudhary, WUSC chairperson of Jhumka Water Supply & Sanitation committee in the presence of the following mentioned participants.

S.No.	Name of Participants	Designation
1	Mr. Keshi Lal Chaudhary	WUSC Chairperson
2	Mr. Deepak Parajuli	WUSC Vice chairperson
3	Mr. Prem Kumar Khadka	WUSC Secretary
4	Mr .Ram Mani Sigdel	WUSC Treasurer
5	Mrs Sita Khanal	WUSC Joint secretary
6	Mr Dewan Khadka	WUSC Member
7	Mr Umesh Dahal	WUSC Member
8	Mr Thom Prashad Pokhrel	WUSC Member
9	Mrs Deepa Wagle	WUSC Member
10	Mrs Laxmi Khadka	WUSC Member
11	Mrs Niru Rai	WUSC Member
12	Mr Parshuram Chaudhary	WUSC Member (ex-office s)
13	Mr Gopal Chaudhary	Advisor, Water supply sanitation committee
14	Mr.Ishor Ghimire	Advisor, Water supply sanitation committee

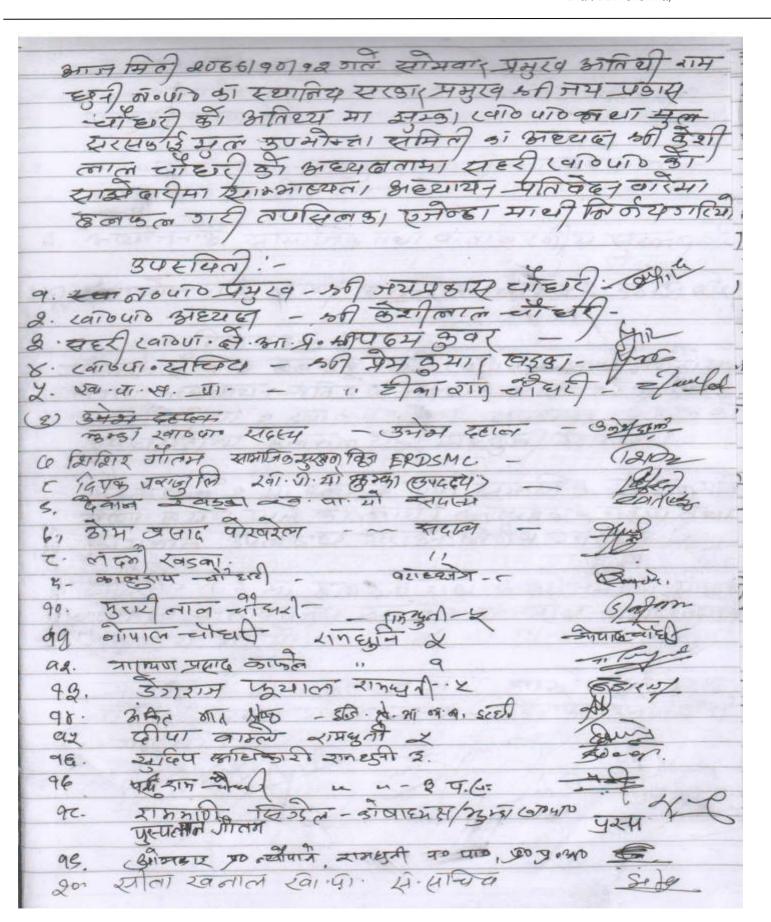
Proposals:

- 1. Regard assessment of General Assembly of WUSC
- 2. About to collection of 5% upfront cash amount for project
- 3. Regard cash voucher printing

Decisions:

The following decisions were made concerning the above-mentioned proposals.

- 1. Regarding Assessment of General Assembly of Water supply, It is decided that 6th general assembly was successfully completed on 27 January 2021 and WUSC provide thanks to all user for positive advice to users and WUSC also committed for successful Implementation of General assembly.
- 2. Regarding to collect 5% upfront cash, It is decided that 5% amount will be collect by WUSC with coordination of Tole development committee of project area at local level for successful implementation of Jhumka water supply sanitation project.
- 3. Regarding cash voucher print, the collection of 5% amount for water supply and sanitation project, it is decided that separate voucher will be printed for amount collection



र समास्था। कांद्रशयन मिलवेदन 2. त्याक पात दीर स्थानं कियान का लगानी क्षावश्यक माना ह कार्योत्रनाकी सामानिक तथा वाताव त्नीय सरकान करे। 8) आर्योजना है। लागी उपमीक्ना वार ४% डुठाउन करें। मिन्यहन्। -अस्ताव में व मां हिला का जादी (या के पांचे कार्या माराडा समा ल्याता अल्यायन मित्र के कर क्या के मिया म्यू की उपलियोग्ने मा र खाठणाठ वाडा अल्यादा म्यू हर् की मस्ताय में २ मा हलाएक गर्वा स्त्रमाणिय सरकान्मिक केंद्र तथा पार्व का लागी काप्यय मनगा तथा कागमात उपल दूर गराउन निकीय गरियों। यथ्याव में है की हलाउता गर्वा कायोगन। मा सामार्ज किर्ण भ गरिया। परताव में ४ मा हलफल गढ़ि उपमीचलाल उद्यो

English Translation for the Minutes of Meeting-2d

Today dated 25 January 2021, the presentation meeting of feasibility study report for the Jhumka Water Supply & Sanitation Project discussion about urban water supply and sanitation project conducted under the chief guest of Local government Chief & Mayor of Ram Dhuni Municipality Mr Jay Prakash Chaudhary and chairmanship of Mr. Keshi Lal Chaudhary WUSC chairperson of Jhumka Water Supply & Sanitation user committee in the presence of the following mentioned participants.

S.No.	Name of Participants	Designation
1	Mr Jaya Prakash Chaudhary	Mayor, Ram Dhuni Municipality
2	Mr. Keshi Lal Chaudhary	WUSC Chairperson Jhumka WSSP
3	Mr,Padam Kunwar	Regional Manager UWSSSP
4	Mr Prem Kumar Khadka	WUSC Secretary Jhumka WSSP
5	Mr Tika Ram Chaudhary	Water Supply Sanitation Technician
6	Mr .Umesh Dahal	WUSC Member Jhumka WSSP
7	Mr Shisir Gautam	Social Safeguard Specialist
8	Mr Deepak Parajuli	WUSC Vice Chairman Jhumka WSSP
9	Mr Dewan Khadka	WUSC Member Jhumka WSSP
10	Mr, Thom Prashad Pokhrel	WUSC Member Jhumka WSSP
11	Mrs Laxmi Khadka	WUSC Member Jhumka WSSP
12	Mr Kalu Ram Chaudhary	Baraha Chhetra -8
13	Mr. Murari Lal Chaudhary	Ram Dhuni -5
14	Mr,Gopal Chaudhary	Ram Dhuni -5
15	Mr.Narayan Pd Kafle	Ram Dhuni -1
16	Mr. Deg Raj Phunyal	Ram Dhuni -5
17	Mr.Ankit Man Shrestha	Engineer, UWSSSP/ RPMO

18	Mrs Deepa Wagle	WUSC Member Jhumka WSSP
19	Mr Sudeep Adhikari	Ram Dhuni -3
20	Mr Parshu Ram Chaudhary	Ram Dhuni -3
21	Mr. Ram Mani Sigdel	Treasurer Jhumka WSSP
22	Mr Puspa Lal Gautam	
23	Mr. Omkar Prasad Neupane	Chief administrative Officer , Ram Dhuni Municipality

Proposals:

- 1. In regard to presentation of draft feasibility report of Jhumka WSSP
- 2. In regard to the land required for the proposed project
- 3. In regard to the social and environment safeguard
- 4. In regard to collection of 5% upfront cash for project

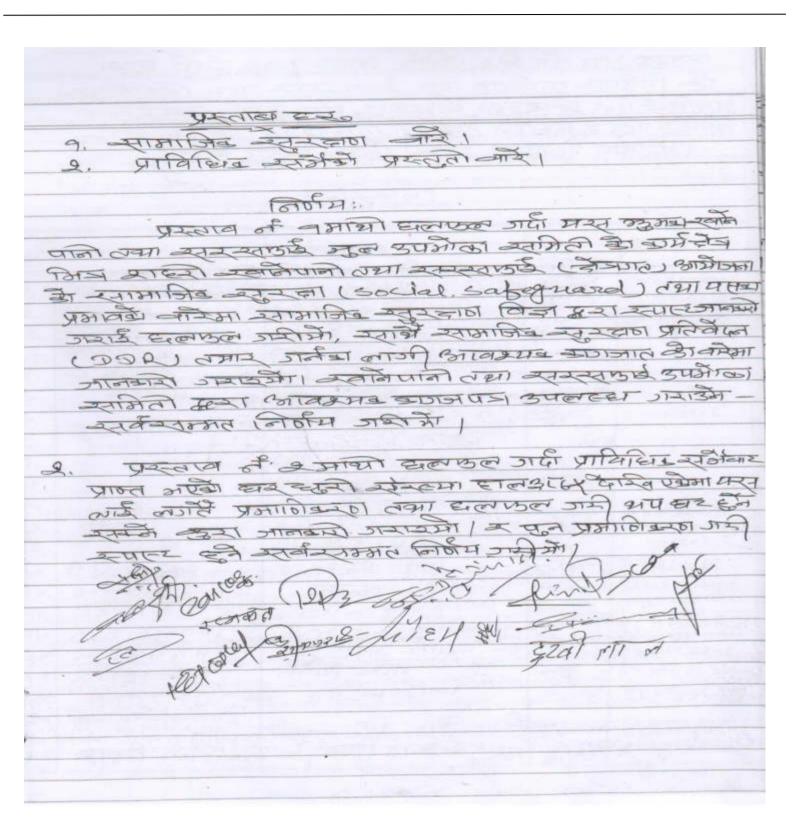
Decisions:

The following decisions were made concerning the above-mentioned proposals.

- As per the proposal no. 1; the presentation on the draft feasibility study report of Jhumka WSSP is presented in presence of Mayor and Ward Chairman of Ram Dhuni Municipality with discussion.
- 2. As per the proposal no. 2; if land is required for the proposed project components, it is decided that the entire related documents of the land where proposed structure will be provided.
- 3. As per the discussion on proposal 3, the detailed information regarding the Social Safeguard component and required document for Due Diligence Report (DDR) of purpose Jhumka urban water supply and sanitation project WUSC committed to provide all required document for DDR.
- 4. As per the discussion on proposal 4, it was decided to; collect required amount 5% upfront cash from water users as soon as possible.

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English Translation for the Minutes of Meeting -2e

Today dated 8 December 2020, the meeting for the Jhumka Water Supply & Sanitation Project discussion about urban water supply and sanitation project conducted under the Chairmanship of Mr. Keshi Lal Chaudhary, WUSC chairperson of Jhumka Water Supply & Sanitation committee in the presence of the following mentioned participants.

S.No.	Name of Participants	Designation
	-	-
1	Mr. Keshi Lal Chaudhary	WUSC Chairperson
2	Mr. Deepak Parajuli	WUSC Vice chairperson
3	Mr. Prem Kumar Khadka	WUSC Secretary
4	Mr .Ram Mani Sigdel	WUSC Treasurer
5	Mrs Sita Khanal	WUSC Joint secretary
6	Mr Dewan Khadka	WUSC Member
7	Mr Umesh Dahal	WUSC Member
8	Mr Thom Prashad Pokhrel	WUSC Member
9	Mrs Deepa Wagle	WUSC Member
10	Mrs Laxmi Khadka	WUSC Member
11	Mrs Niru Rai	WUSC Member
12	Mr Parshuram Chaudhary	WUSC Member (ex-office s)
13	Mr. Mukunda Paudel	Senior surveyor
14	Mr.Netra Gautam	Chairman of Siddartha Tole Development committee Ward 5,
15	Mr. Biplav Adhikari	Bhan Nagar Tole Development committee
16	Mr, Bal Krishna Phuyal	Prasanna Tole Development committee
17	Mrs Ratna Kala Chaudhary	Buddha Tole Development committee
18	Mr. Hari Prashad Nepal	Treasurer Nava Siddartha Tole Development committee
19	Mr. Rupesh Shah	

S.No.	Name of Participants	Designation
20	Mr. Tham Bahadur Chauhan	Design Engineer
21	Mr.Bijaya Chaulagain	Secretary Namuna Tole Developmen committee
22	Mr Kashi Nath Gelal	Chairperson Triveni Tole Developmencommittee
23	Mr. Dukhi Lal Chaudhary	Chairperson
24	Mr. Mahi Narayan Chaudhary	Chairperson
25	Mr. Birendra Kumar Sada	Chairperson Mohanpur Tole Developmen committee
26	Mr. Rishikesh Nepal	Chairperson GaneshTole Development committee
27	Mr. Kishori Pd Pokhrel	Chairperson Ratri Tole Developmen committee
27	Mr. Amit Kumar Chaudhary	Chairperson Jurai Dhami Tole Development committee
29	Mr. Guna Raj Kafle	Parijat Tole Development committee

Proposals:

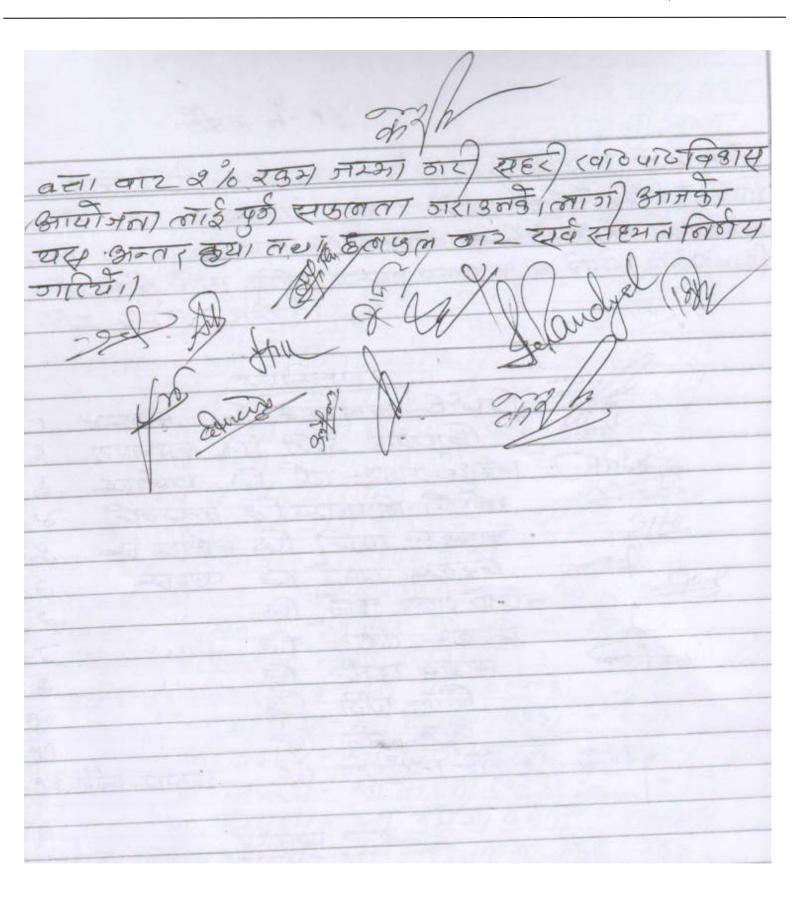
- 1. About Social Safeguard
- 2. Presentation of Technical survey

Decisions:

The following decisions were made concerning the above-mentioned proposals:

- As per the discussion on proposal 1, the detailed information regarding the Social Safeguard component and required document for Due Diligence Report (DDR) of purpose Jhumka urban water supply and sanitation project was delivered by the Social safeguard specialist and WUSC committed to provide all required document for DDR.
- 2. As per the discussion on proposal 2, outcome Household number 3875 from Technical survey, it is decided to Household number would be change and finalize after verification of all survey work and of all detail discussion with concern user of water supply project.

व्यक्त में-१व
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English Translation for the Minutes of Meeting -2f

Today dated 10 Nov 2020, the meeting conducted for the Jhumka Water Supply & Sanitation Project discussion about urban water supply and sanitation project under the chairmanship of Mr. Keshi Lal Chaudhary, WUSC chairperson of Jhumka Water Supply & Sanitation committee in the presence of the following mentioned participants.

S.No.	Name of Participants	Designation
1	Mr. Keshi Lal Chaudhary	WUSC Chairperson
2	Mr Jaya Prakash Chaudhary	Mayor Ram Dhuni Municipality
3	Mrs Sabina Chaudhary	Deputy Mayor, Ram Dhuni Municipality
4	Mr Deg Raj Phunyal	Ward Chairman ward no 5 Ram Dhuni Municipality
5	Mr. Raj Kumar Chjaudhary	Ward Chairman ward no 3 Ram Dhuni Municipality
6	Mr Dev Raj Pokhrel	Ward Member ward no 1 Ram Dhuni Municipality
7	Mr Narayan Shrestha	Ward Member ward no 3 Ram Dhuni Municipality
8	Mr. Ram Koirala	Advisor Jhumka WSSP
9	Mr. Padam Kunwar	Regional Manager UWSSSP
10	Mr Indra Paudel	Consultant UWSSSP
11	Mr .Ankit Man Shrestha	Engineer, UWSSSP
12	Mr Shisir Gautam	Consultant , UWSSSP Regional office
13	Mr. Prem Kumar Khadka	WUSC Secretary Jhumka WSSP
14	Mr Dewan Khadka	WUSC Member
15	Mrs Deepa Wagle	WUSC Member
16	Mrs Laxmi Khadka	WUSC Member
17	Mr .Umesh Dahal	WUSC Member
18	Mr. Deep Narayan Chaudhary	Office Manager Jhumka WSSP

S.No.	Name of Participants	Designation
19	Mr Rohit Kumar Pandey	Office Staff Jhumka WSSP
20	Mr Tulsi Prashad Dahal	Office Staff Jhumka WSSP
21	Mr Chakra Bahadur Khadka	Office Staff Jhumka WSSP

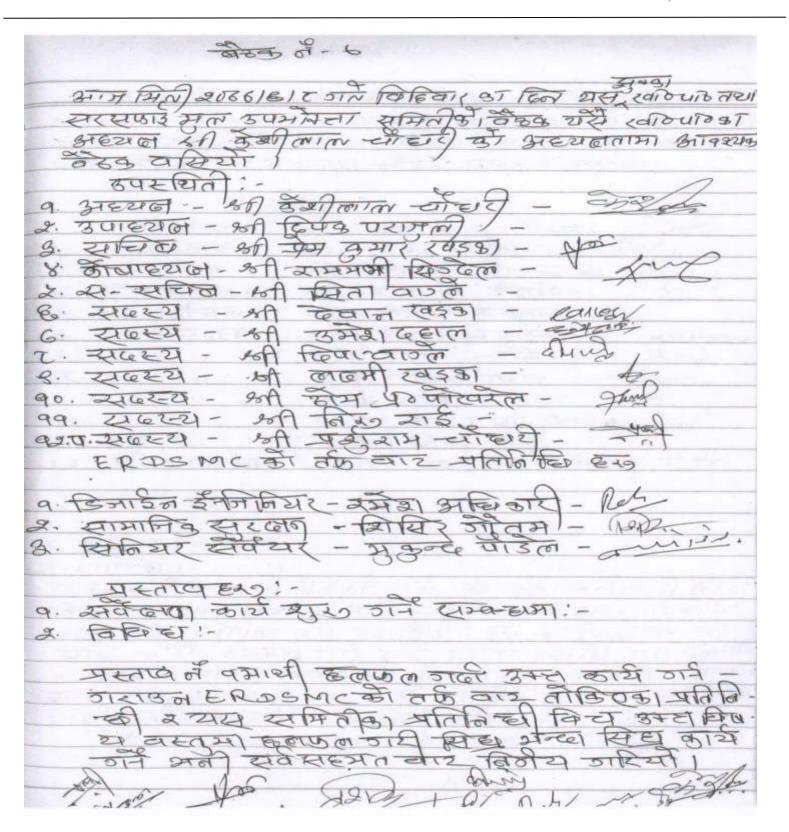
Proposals:

- 1. About to collection of 5% upfront cash amount for project
- 2. Other

Decisions:

The following decisions were made concerning the above-mentioned proposals.

1. Regarding to collect 5% upfront cash, It is decided that 3% amount will provide from Ram Dhuni Municipality and 2% amount will be collect by WUSC at local level for successful implementation of Jhumka water supply sanitation Project



English Translation for the Minutes of Meeting -2g

Today dated 24 September 2020, the meeting for the Jhumka Water Supply & Sanitation Project discussion about urban water supply and sanitation project conducted under the chairmanship of Mr. Keshi Lal Chaudhary, WUSC chairperson of Jhumka Water Supply & Sanitation committee in the presence of the following mentioned participants.

S.No.	Name of Participants	Designation
1	Mr. Keshi Lal Chaudhary	WUSC Chairperson
2	Mr. Deepak Parajuli	WUSC Vice chairperson
3	Mr. Prem Kumar Khadka	WUSC Secretary
4	Mr .Ram Mani Sigdel	WUSC Treasurer
5	Mrs Sita Khanal	JWUSC Joint secretary
6	Mr Dewan Khadka	WUSC Member
7	Mr Umesh Dahal	WUSC Member
8	Mr Thom prashad Pokhrel	WUSC Member
9	Mrs Deepa Wagle	WUSC Member
10	Mrs Laxmi Khadka	WUSC Member
11	Mrs Niru Rai	WUSC Member
12	Mr Parshuram Chaudhary	WUSC Member (ex-officieo)
13	Mr Ramesh Adhikari	Design Engineer- ERDSMC
14	Mr Shisir Gautam	Social Safeguard Specialist-ERDSMC
13	Mr. Mukunda Poudel	Senior Surveyor (Survey Team leader) - ERDSMC

Proposals:

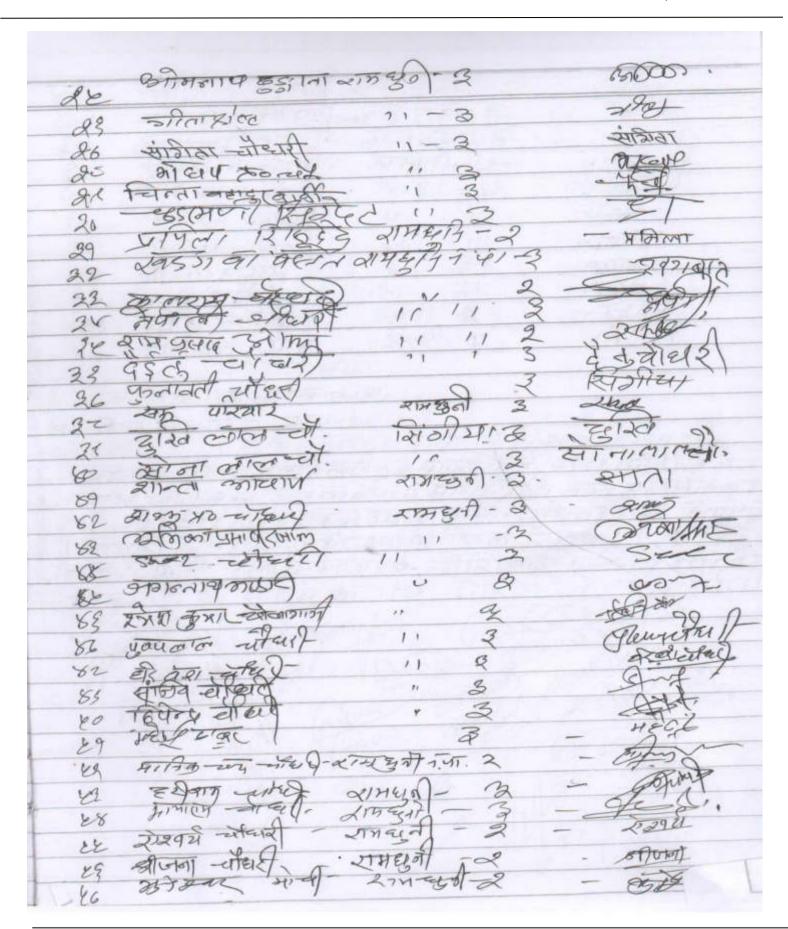
1. Regarding to start survey work of water supply project

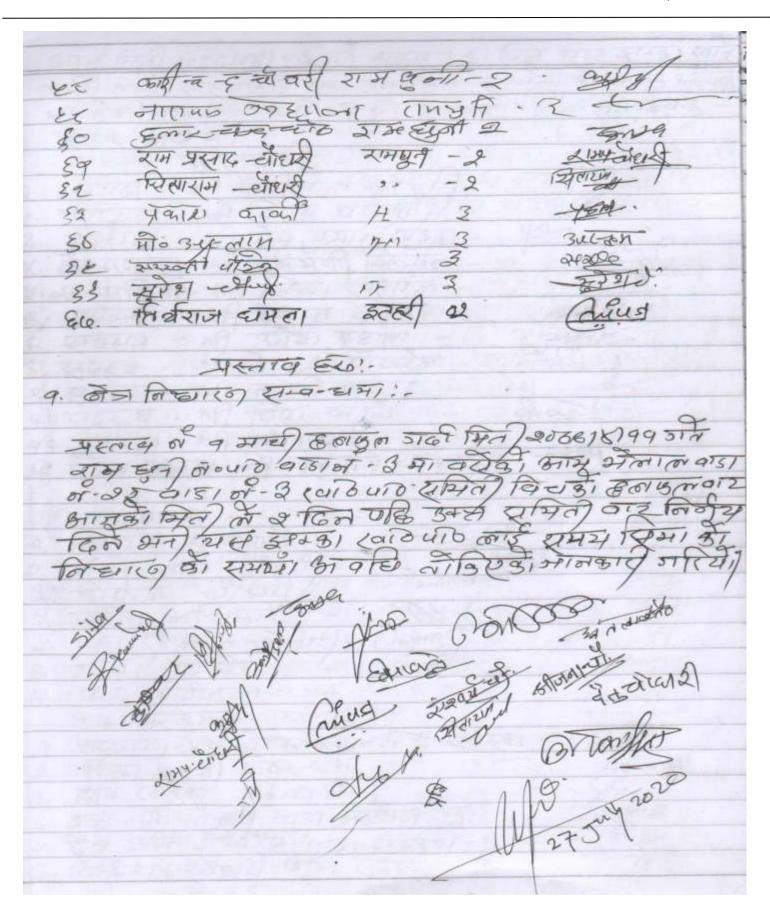
Decisions:

The following decisions were made concerning the above-mentioned proposals:

1. As per the discussion on proposal 1, for starting survey work of water supply project, it is decided to detail discussion with ERDSMC representatives and water supply sanitation committee representatives to conduct survey work by survey team as soon as possible.

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English Translation for the Minutes of Meeting-2h

Today dated 26 July 2020, the meeting for the Jhumka Water Supply & Sanitation Project discussion about urban water supply and sanitation project conducted under the chairmanship of Mr. Raj Kumar Chaudhary, Ward chairperson of ward no 3 of Ram Dhuni Municipality in the presence of the following mentioned participants.

S.No.	Name of Participants	Designation
1	Mr. Raj Kumar Chaudhary	Ward Chairperson ,Ward no 3 of Ram Dhuni Municipality
2	Mr. Ram Lal Chaudhary	Ward Chairperson ,Ward no 2 of Ram Dhuni Municipality
3	Mr. Manish Kumar Chaudhary	Ward Chairperson ,Ward no 4 of Ram Dhuni Municipality
4	Mr. Indra Paudel	Team Leader /ERDSMC
5	Mr. Ankit Man Shrestha	Engineer /RPMO
6	Mr. Phanindra Kattel	Contract Management Specialist /ERDSMC
7	Mr Ram Chandra Chaudhary	Chairman of Singiya Water supply user committee
8	Mr.Annanta Lal Chaudhary	Chairman of Shiva Nagar Water supply user committee
9	Mr Keshi Lal Chaudhary	Chairman Jhumka WUSC
10	Mr. Prem Kumar Khadka	Secretary Jhumka WUSC
11	Mr Jitendra Subedi	Secretary of Singiya Water supply user committee
12	Mr. Dil bahadur Rai	Secretary of Napali Congress, Ramdhuni
13	Mr Sankar Lal Chaudhary	Advisor of Jhumka WUSC
12	Mr.Deg Raj Phuyal	Ward Chairperson ,Ward no 5 of Ram Dhuni Municipality
13	Mr, Gopal Adhikari	Ram Dhuni -3
14	Mr. Umesh Dahal	Jhumka WSSP Ram Dhuni-5
15	Mr. Dewan Khadka	Jhumka WSSP Ram Dhuni

S.No.	Name of Participants	Designation
16	Mr. Deepak Parajuli	Jhumka WSSP Ram Dhuni
17	Mr.Indra Basnet	Ward no- 3
18	Mr Khadga Bahadur Shrestha	Ward no- 3
19	Mrs Shobha Shah	Ward no- 3
20	Mrs, Deepa Wagle	Jhumka WSSP
21	Mrs Sita Khatiwada	Jhumka WSSP
22	Mr.Durga Pd Poudal	Ward no- 3
23	Mr.Anil Prashad Parajuli	Member of Singiya Water supply user committee
24	Mr .Om Nath Dhungana	Ram Dhuni- 3
25	Mrs Gita Shrestha	Ram Dhuni- 3
26	Mrs Sangita Chaudhary	Ram Dhuni- 3
27	Mr. Madhav Pd Chaudhary	Ram Dhuni-3
28	Mr. Chinta Bahadur Karki	Ram Dhuni-3
29	Mr. Chuda Mani Sigdel	Ram Dhuni-3
30	Mrs .Pramila Rishidev	Ram Dhuni-2
31	Mr .Khadga Bahadur Basnet	Ram Dhuni-3
32	Mr .Kal Ram Chaudhary	Ram Dhuni-2
33	Mr .Nepali Chaudhary	Ram Dhuni-3
34	Mr .Ram Prashad Ojha	Ram Dhuni-2
35	Mr .Daitu Chaudhary	Ram Dhuni-3
36	Mrs Phula wati Chaudhary	Ram Dhuni-3
37	Mrs Saru Pariyar	Ram Dhuni-3
38	Mr Dukhi Lal Chaudhary	Ram Dhuni-3
39	Mr Sona Lal Chaudharuy	Ram Dhuni-3

S.No.	Name of Participants	Designation
-		
40	Mrs Santa Acharya	Ram Dhuni-3
41	Mr .Shambhu Pd Chaudhary	Ram Dhuni-3
42	Mr .Bhumika Pd Rijal	Ram Dhuni-3
43	Mr Dammar Chaudhary	Ram Dhuni-3
44	Mr Jagannath Bhandhari	Ram Dhuni-3
45	Mr Ramesh Kumar Chaulagain	Ram Dhuni-3
46	Mr Puspa Lal Chaudhary	Ram Dhuni-3
47	Mr .Hari Bansa Chaudhary	Ram Dhuni-3
48	Mr .Sanjeev Chaudhary	Ram Dhuni-3
49	Mr. Deependra Chaudhary	Ram Dhuni-3
50	Mr .Mahesh Thakur	Ram Dhuni-3
51	Mr .Manik Chand Chaudhary	Ram Dhuni-2
52	Mr.Hari Ram Chaudhary	Ram Dhuni-3
53	Mr .Maya Ram Chaudhary	Ram Dhuni-3
54	Mrs Ayaishorya Chaudhary	Ram Dhuni-2
55	Mrs Shreejana Chaudhary	Ram Dhuni-2
56	Mr. Bhuwaneshor Mochi	Ram Dhuni-2
57	Mr .Kashi Chand Chaudhary	Ram Dhuni-2
58	Mr .Naraya Koirala	Ram Dhuni-3
59	Mr .Dular Chand Chaudhary	Ram Dhuni-2
60	Mr. Ram Pd Chaudhary	Ram Dhuni-2
61	Mr,Sita Ram Chaudhary	Ram Dhuni-2
62	Mr .Prakash Karki	Ram Dhuni-3
63	Mr .Mohammad Aslam	Ram Dhuni-3

S.No.	Name of Participants	Designation
64	Mrs,Saraswoti Poudel	Ram Dhuni-3
65	Mr. Sursah Chaudhary	Ram Dhuni-3
66	Mr .Tirth Raj Dhamala	Itahari -12

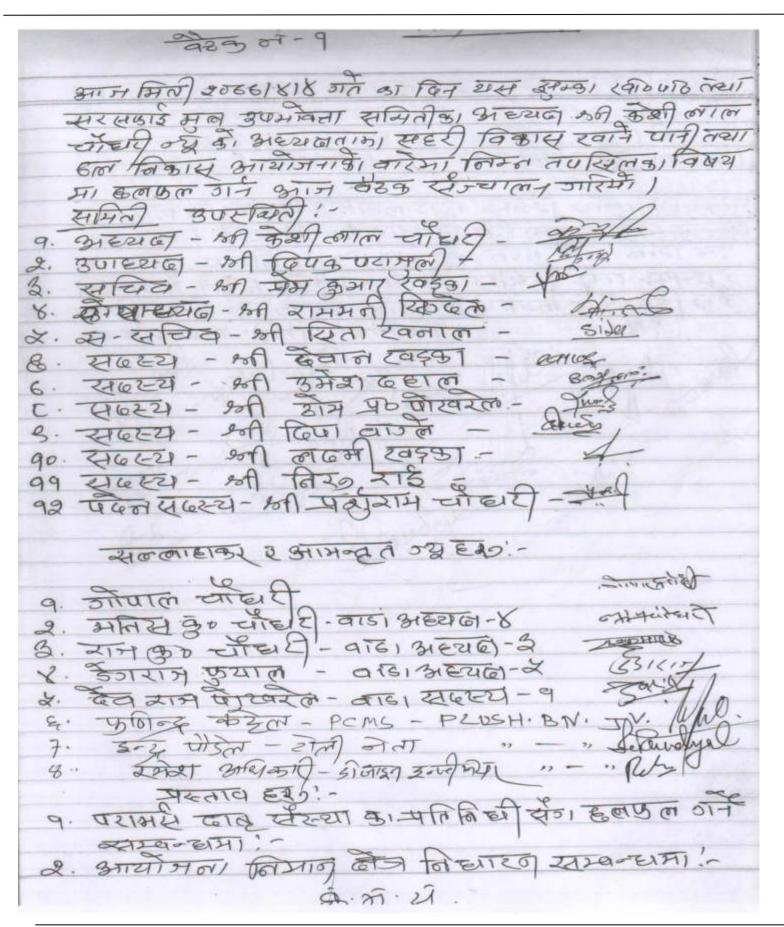
Proposals:

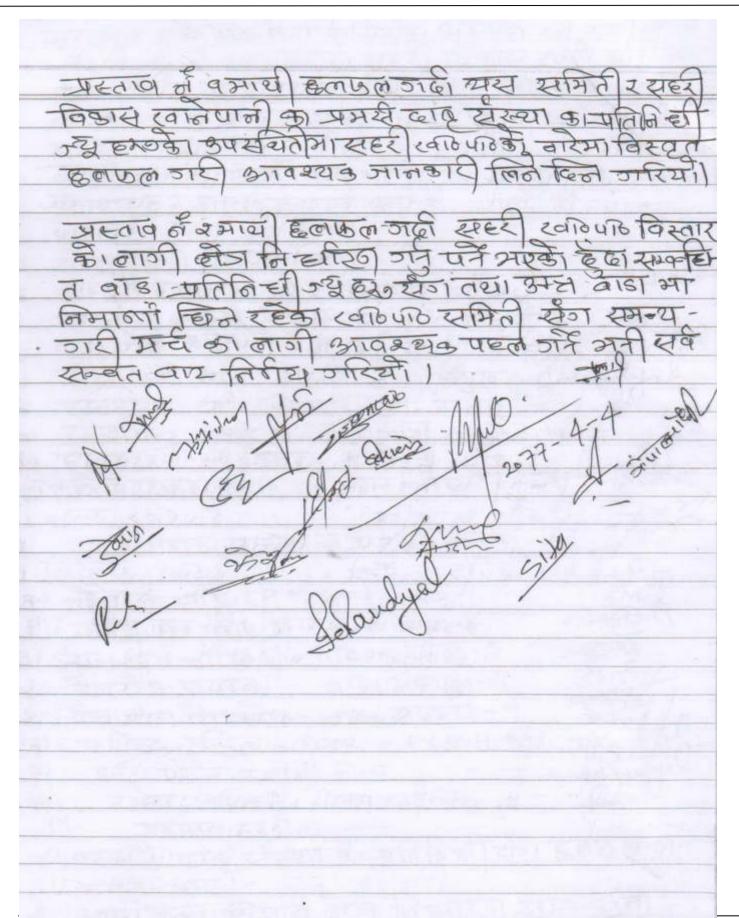
1. In regard to determination of service area

Decisions:

The following decisions were made concerning the above-mentioned proposals:

1. As per the discussion on proposal 1,determination of water supply project, it is decided to detail discussion with ward representatives and water supply sanitation committee ward no 2 and ward water supply sanitation committee ward no 3 Jhumka WUSC will provide within 2 days water supply service of the project area of Jhumka Water Supply and Sanitation Project.





English Translation for the Minutes of Meeting-2 i

Today dated 19 July 2020, the meeting for the Jhumka Water Supply & Sanitation Project discussion about urban water supply and sanitation project conducted under the chairmanship of Mr. Keshi Lal Chaudhary, WUSC chairperson of Jhumka Water Supply & Sanitation committee in the presence of the following mentioned participants.

S.No.	Name of Participants	Designation
1	Mr. Keshi Lal Chaudhary	WUSC Chairperson
2	Mr. Deepak Parajuli	WUSC Vice chairperson
3	Mr. Prem Kumar Khadka	WUSC Secretary
4	Mr .Ram Mani Sigdel	WUSC Treasurer
5	Mrs Sita Khanal	JWUSC Joint secretary
6	Mr Dewan Khadka	WUSC Member
7	Mr Umesh Dahal	WUSC Member
8	Mr Thom Prashad Pokhrel	WUSC Member
9	Mrs Deepa Wagle	WUSC Member
10	Mrs Laxmi Khadka	WUSC Member
11	Mrs Niru Rai	WUSC Member
12	Mr Parshuram Chaudhary	WUSC Member (ex-officio)
13	Mr. Gopal Chaudhary	User
14	Mr.Manish Kumar Chaudhary	Chairperson of Ward 4, Ram Dhuni Municipality
15	Mr. Raj Kumar Chaudhary	Chairperson of Ward 3 ,Ram Dhuni Municipality
16	Mr,Deg Raj Phuyal	Chairperson of Ward 5, Ram Dhuni Municipality
17	Mr Dev Raj Pokhrel	Ward Member .ward no 1, Ram Dhuni Municipality
18	Mr.Phanindra Kattel	PCMS, PLUSH- BN JV
19	Mr.Indra Paudel	Team Leader , PLUSH- BN JV
20	Mr.Ramesh Adhikari	Design Engineer, PLUSH- BN JV

Proposals

- 1. Discussions/Interaction with consultant team representative in regard to the proposed water supply project
- 2. In regard to determination of service area

Decisions:

The following decisions were made concerning the above-mentioned proposals:

- 1. As per the discussion on proposal 1, the detailed information regarding the purpose of water supply project in Jhumka Municipaity and the phases of the project that directly benefits the people was delivered by the Team of PEA/BN Consult P. Ltd with detail discussion.
- 2. As per the discussion on proposal 2, for extension of water supply project, it is decided to detail discussion and coordination with ward representatives and concern water supply project committee to merge and provide water supply service area of Jhumka.

Involuntary Resettlement Screening Checklist

Country	Nepal	
Subproject Name		
	Jhumka Urban Water Supply and S	Sanitation Project
Date	February 2021,	

I. Resettlement Impact Checklist

(Note: Involuntary Land Acquisition is not required for the Jhumka UWSSP)

A.	Probable Resettlement Effects	Yes	No	Not Known	Remarks
Acq	uisition of Land		-		
1.	Will there be land acquisition?		√ 		About 3609 square meters of land is required for deep boring. Other proposed structures are in WUSC compound. No involuntary acquisition of private land is anticipated.
2.	Will easement be utilized within an existing Right of Way (ROW)?	√ 			The pipe laying will be carried out along the existing Right of Way.
3.	Will there be loss of shelter and residential land due to land acquisition?		V		All the Identified sites are within existing WUSC compound in
					public/government land. There are no any structures on the lands except existing water supply structures. There will be no loss of shelter and residential land. All public barren land will be used for construction works.
4.	Will there be loss of agricultural and other productive assets due to land acquisition?		$\sqrt{}$		Barren public/Municipality land will be used for the project.
5.	Will there be losses of crops, trees, and fixed assets due to land acquisition?		V		The land is barren/non- agricultural public land; hence losses of crops, trees
					and fixed assets are not

					anticipate				
					No trees			cut e	xcept
					clearing c				
			$\sqrt{}$		Since the				
					private d				
6.	Will there be loss of businesses				acquisitio				e no
	or enterprises due to land				loss o	f	busir	ness	or
	acquisition?				enterprise	es.			
			\checkmark		Loss of				
					means of	f live	elihoo	ds ar	e not
					anticipate	ed (due 1	to v	acant
7.	Will there be loss of income				public/gov				
	sources and means of	1			All lands				
	livelihoods due to land				existing				
	acquisition?				and ROW				
	oluntary restrictions on land us	se or on	access	to legal	ly design	ate	d park	s an	d
	tected areas		1 , 1						
8.	Will people lose access to		$\sqrt{}$		There is				
	natural resources,				park and				
	communal facilities and				near to th				
	services?				to be obt				
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					be insign				
					will not lo				
					resources				ill be
					cut for pro	_			
9	If land use is changed, will it				Construct		0		small
	have an adverse impact on				structures				ze of
	social and economic activities?				public/gov				/acant
					lands will				
					land use,	, an			
					impact _.	on		cial	and
					economic		ctivitie	s ar	e not
					expected				
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4.0	VACII An Investment				No land		and		urces
10.	Will access to land and				owned		nmun	•	are
	resources owned communally		. 1		identified	tor	orojec	t activ	ities.
	or by the state be restricted?		$\sqrt{}$						
Info	ormation on Displaced Persons	:						,	1
	estimate of the likely number	of perso	ns that	will be					
_	placed by the Subproject? es, approximately how many?	V/A				[]	No	[√]	Yes
ıı ye	Are any of them poor, femal		of hou	eaholde	Or	[]	No	[√]	Yes
	vulnerable to p	overty r	isks?	,				I V	
Α	re any displaced persons from	_	ous or	ethnic n	ninority	[]	No	[√]	Yes
	grou	ps?					Ī	1	

Annex-4
Indigenous Peoples Impact Screening Checklist

	KEY CONCERNS	YES	NO	NOT	Remarks
Λ Ι.	(Please provide elaboration of the Remarks column)	. 20	1.0	KNOWN	Homans
1.	Are there socio-cultural groups present in or use the subproject area who may be considered as "tribes" (hill tribes, schedules tribes, tribal peoples), "minorities" (ethnic or national minorities), or "indigenous communities" in the subproject area?	1			Janjati comprise 46.04 percent of the total population. The service area of the sub project is heterogeneous in terms of ethnicity/caste and culture, and no specific territory of indigenous people or socio-cultural groups has been observed. Most indigenous people i.e. Janajati in sub project areas are socially, economically and politically integrated into the mainstream society, and considering the nature and scale of the sub project, adverse impacts on indigenous peoples are not
2.	Are there national or local laws or policies as well as anthropological researches/studies that consider these groups present in or using the subproject area as belonging to "ethnic minorities", scheduled tribes, tribal peoples, national minorities, or cultural communities?		1		NA
3.	Do such groups self-identify as being part of a distinct social and cultural group?		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		NA
4.	Do such groups maintain collective attachments to distinct habitats or ancestral territories and/or to the natural resources in these habitats and territories?		V		NA
5.	Do such groups maintain cultural, economic, social, and political institutions distinct from the dominant society and culture?		V		NA
6.	Do such groups speak a distinct language or dialect?	V			The ethnic groups in the service area speak their own distinct

				language among their members, but Nepali is spoken as common language.
7.	Have such groups been historically, socially and economically marginalized, disempowered, excluded, and/or discriminated against?		V	NA
8.	Are such groups represented as "Indigenous Peoples" or as "ethnic minorities" or "scheduled tribes" or "tribal populations" in any formal decision-making bodies at the national or local levels?	V		There is legal provision of at least 33 percent women participation in any formal decision-making at the national or local level and same provision is used in WUSC.

B. Identification of Potential Impacts

	B. Identification of Potential Impacts							
(Ple	KEY CONCERNS ease provide elaborations of the Remarks column)	YES	NO	NOT KNOWN	Remarks			
9.	Will the subproject directly or indirectly benefit or target Indigenous Peoples?	V			The subproject directly benefits the indigenous i.e. Janajati people because all the beneficiaries will get water supply service irrespective of their ethnicity/caste and economic status. Poor indigenous people will be benefited from OBA service. Therefore, the impact on indigenous people will be more positive increasing the access to safe drinking water and sanitation facilities rather than adverse impact.			
10.	Will the subproject directly or indirectly affect Indigenous Peoples' traditional socio-cultural and belief practices? (e.g. child-rearing, health, education, arts, and governance)		V					
11.	Will the subproject affect the livelihood systems of Indigenous Peoples? (e.g., food production system, natural resource management, crafts and trade, employment status)		V					

12. Will the subproject be in an area (latterritory) occupied, owned, or used Indigenous Peoples, and/or claimed ancestral domain?	d by	V	
C. Identification of Special Requirements	I		
Will the subproject activities include			
13. Commercial development of the c	ultural	$\sqrt{}$	NA
resources and knowledge of Indig	enous		
Peoples?			
14. Physical displacement from traditional	al or	$\sqrt{}$	NA
customary lands?			
15. Commercial development of natural reso	urces		NA
(such as minerals, hydrocarbons, forests,	water,	$\sqrt{}$	
hunting or fishing grounds) within custo	omary		
lands under use that would impact	the		
livelihoods or the cultural, ceremonial, sp	oiritual		
uses that define the identity and commun	nity of		
Indigenous Peoples?			
16. Establishing legal recognition of rights to	lands	$\sqrt{}$	NA
and territories that are traditionally own	ed or		
customarily used, occupied or claime	d by		
indigenous peoples?			
17. Acquisition of lands that are traditionally of	wned	$\sqrt{}$	 NA
or customarily used occupied or claime	ed by		
indigenous peoples?			

D. Anticipated subproject impacts on Indigenous Peoples

	Subproject component/ activity/ output	Anticipated positive effect	Anticipated negative effect
1.	Civil Works: It includes the construction of following project components: Water Boring (6 nos including existing 3 nos.) Treatment unit (3 nos. pressure filter)	Regular safe water supply through efficient water supply system	None
•	Proposed OHT (1 no.at WUSC compound, ward no 3)) Generator House (1 no.at WUSC compound, ward no 3))		
2.	Pipeline Network: includes excavation, pipe laying and backfilling for transmission mains and distribution network as following: Transmission main about 3.70Km Distribution pipe network of 200.64 Km	Regular water supply through improved distribution network	None

Photographs



Photo no. 1: Existing OHT,(100 Cum) in WUSC compound at Pani tankey Ramdhuni Municipality ward no 3



Photo no. 2: Existing OHT, (225 Cum) in WUSC compound at Pani tankey Ramdhuni Municipality ward no 3



Photo no.3: Existing deep boring sites adjacent WUSC compound Pani tankey tole ward no 3



Photo no. 4: Existing WUSC compound and proposed two deep boring sites at Pani tankey tole ward no 3



Photo no. 5: Proposed deep Boring no 6 site at Pipara tole in Ramdhuni Municipality ward no 3



Photo no. 6:: Proposed deep Boring no 4 site at Laligurnas tole in Ramdhuni Municipality ward no 5



Photo no. 7: Proposed deep Boring no 5 site at North of Pani tankey tole Ward no 3 .Field inspections by Environmental Specialist



Photo no. 8: Propose treatment plant site at Ramdhuni Municipality ward no 3 WUSC compound



Photo no.9: Proposed OHT 900 cum and deep boring site at Ramdhuni Municipality ward no 3 WUSC compound.



Photo no. 10 Road along which Pipe line traversed for the distribution networks.



Photo no. 15: Meeting & Consultation at WUSC office with Mayor and Deputy Mayor in 10 November 2020



Photo no. 16: With WUSC Secretary, Design engineer Environmental Specialist and Social safeguard specialist after field inspection at WUSC office.

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Approved Below Poverty Line Calculation Sheet

Proposed Poverty Threshold for Identification of Poor Household in UWSSP

The proposed threshold has been revised as per the data received from Nepal Living Standard Survey-III (NLSS-III-2010/2011) conducted by National Planning Commission, Nepal. Based on the results of the survey, the poverty line for Nepal, in average 2010-11 prices, has been estimated at Rs. 19,261; the food poverty line is Rs. 11,929 (per capita consumption 2,220 Kcal per day) and the non food poverty line Rs. 7,332.

Poverty indicator has been refined based on the annual data of Consumer Price Index which has been published by Nepal Rastra Bank. Calculating the increased annual ratio of index against the estimated poverty line of Rs 19261 adopted from NLSS-2010/2011, poverty line has been revised and proposed for UWSSP.

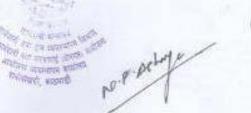
The revised poverty line will be utilized as major indicator of poverty. It shall be used in selection of poor household within the community for delivering OBA service and free subsidized tap connection. Similarly, upfront cash shall be reimbursed after verification of poor household within the urban project. The data shows that average 4.2 to 9.9% of increment has been observed annually. Hence, annually increment since the base year of 2010-11 has been adopted and poverty threshold has been proposed.

Hence, poverty line is estimated NRs.13500 (round figure) monthly for a household and average household size is 4.8 which have been adopted from census survey results of CBS -2011.

The below table has presented incremental trend of price index in each year.

Table No: 1 Consumer Price Index and Annual Increment (Nepal Rastra Bank, Nepal) :

S.N.	Year	Amount as per Consumer Price Index (Annual Per Person)	Price Index (Annul Increment Ratio)	Total Amount as per index(Food & Non Food Items) of a Household (Annual)	Total Amount of a Household (Monthly)	Amount Per Person (Monthly)	Remark
1	2010/11	19261	0	92452.80	7704.40	1605:08	Adapted from NLSS-III, 2010/11
2	2011-12	20859	8.3	100123.20	8343.60	1738.25	T PUSA
3	2012-13	22925	9.9	110040.00	9170,00	1910.42	
4	2013-14	25010.92	9.1	120052.43	10004.37	2084.24	



S.N.	Year	Amount Price as per Index Consumer (Annul Price Increment Index Ratio) (Annual Per Person)		Total Amount as per index(Food & Non Food Items) of a Household (Annual)	Total Amount of a Household (Monthly)	Amount Per Person (Monthly)	Remark
5	2014-15	26811.71	7.2	128696.21	10724.68	2234.31	
6	2015-16	29466.07	9.9	141437.13	11786.43	2455.51	
7	2016-17	30792.04	4.5	147801.80	12316.82	2566.00	
8	2017-18	32085.31	4.2	154009.48	12834.12	2673.78	
9	2018-19	33432.89	4.2	160477.88	13373.16	2786.07	

Table No: 2 Threshold Amount for Poor Household

5.N.	Information	Amount NRs
1	Base Year(Adopted from Nepal Living Standards Survey-NLSS-III, 2010-11)	19261
2	Increment of Consumer Price Index from 2011-12 to 2018-19)	33432.89
3	Household Size 4.8	160477.88
4	Monthly Income Level (Poor HH)	13373.16
5	Per Capita Income (Monthly)	2786.07

Proposed range of income level for OBA grant.

Table No: 3 Range of Income Level in Four Categories:

S.N	Income Range	Category	Remarks/ Justification
1	<13500	Poor	Based on result of NLSS-III 2010/ 2011 and calculating annual Price index of NRB 2010/11-2018/19
2	13501-20000	Average	Based on salary range and market price, adopted as average range.
3	20001- 35000	Medium income	Based on salary range and market price, adopted as medium range.
4	>35000	High Income	This is highest range category of income and adopted as highest basis of income and market price.



Major Changes in OBA Guideline of UWSSP

S. N.	Particular	Provision in TSTWSSSP	UWSSP	Remark
1.	Threshold of the Poor	<rs. 7,500="" monthly<br="">Income of a Household</rs.>	<rs. 13,500="" monthly<br="">Income of a Household</rs.>	Data of National Living Standard Survey (NLSS), 2011 is adopted as baseline and annual consumer Index of Nepal Rastra Bank is used for analysis.
2.	Verification Team for Recommendation to WUSC (For Reimbursement)	Independent Verification Agent	Verification Team	The team members remain same, Only term has changed. Project staffs cannot be independent agent.
3.	Verification for 20% Reimbursement to WUSC	Verification After 3 Months	Verification after 1.5 Month	
A-	Cross-check, Validations of Final List of OBA/Subsidized Tap Connection	WUSC, RDSMC, RM/M WASH CC	WUSC, RDSMC, RM/M WASH CC and PMQAC(Social Development-GESI Specialist)	After preparation of final list by team, it will be validated by PMQAC.
5.	Chapter of Design and Cost Estimate of Household Latrine	12 types of pit latrine design and cost estimate was provided in Annex	Basic Information and framework for safety tanks and Household water seal Latrine pit design has been provided in Annex.	For development of innovative idea and types RDSMCs are requested for development of site specific type/model.
6.	Construction of Household Latrine and Compost Pit by OBA	Construction of Both (Household Latrine and Compost Pit)	Construction of Household Latrine only	Now compost pit is optional
7.	Subsidized Tap Connection to Poor/Vulnerable		During the First stage of the contract (Before entering the Second stage)	The service should be provided during first stage of the contract.







a. Suggested Format for Record Keeping of Grievances:

S.N.	Date of receipt of grievance	Name and Contact details of complainant	Description of complaint	Nature of complaint	Response given to complainant and date	Whether closed

b. Sample grievance redress form

Reviewed by: (Names/positions of official(s) reviewing grievance)

Action Taken:

Means of Disclosure:

Whether Action Taken Disclosed:

(To be available in Nepali and English	1)							
The Pro	Project welcomes complaints, suggestions, queries and comments							
regarding project implementation. We								
contact information to enables us to g	et in touch with you for	r clarification and	l feedback. Shoul	d you				
choose to include your personal detail								
us by writing/typing* (CONFIDENTIAL	.)* above your name. T	hank you.	·					
Date	Place of	f registration						
Contact Information/personal details								
Name	Gender	*Male *Female	Age					
Home Address								
Place								
Phone No.								
E-mail								
Complaint/Suggestion/Comment/Ogrievance below: If includes as attachment/note/letter,	•	de the details (w	ho, what, where a	and how) of your				
How do you want us to reach you for		n vour comment	/grievance?					
Them do you main do to readin you let	roodsacre apacte o	n your oonmone	griovarioor					
FOR OFFICIAL USE ONLY								
Registered by: (Names of official re	gistering grievance)							
Mode of communication:								
Note/Letter								
E-mail								
Verbal/Telephonic								

Yes/no