Involuntary Resettlement and Indigenous Peoples Due Diligence Report

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NEP: Urban Water Supply and Sanitation Sector Project-Liwang

Prepared by the Ministry of Water Supply and Sanitation, Government of Nepal for the Asian Development Bank

CURRENCY EQUIVALENTS

(as of 05 March 2020)

Currency unit - Nepalese Rupee (NRs)

\$1.00 = NRs117.15 NRs1.00 = \$0.0085

WEIGHTS AND MEASURES

cum - cubic meter km - kilometer

lps - litre per second

mm - millimeter

mg/l - miliigram per litre sq. m - square meter

ABBREVIATIONS

ADB - Asian Development Bank

DWSSM - Department of Water Supply Sewerage Management

GON - Government of Nepal
MOWS - Ministry of Water Supply
PMO - Project Management Office

PMQAC - Project Management and Quality Assurance

Consultant

RDSMC - Regional Design, Supervision and Management

Consultant

RPMO - Regional Project Management Office

SPS - Safeguard Policy Statement
TDF - Town Development Fund

UWSSP - Urban Water Supply and Sanitation (Sector) Project

WRDSMC - Western Regional Design, Supervision and

Management Consultant

WSS - Water Supply and Sanitation

WUA - Water User Association

WUSC - Water Users and Sanitation Committee

NOTE

In this report "\$" refers to United States dollars.

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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 (GON) to 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 will be 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 ongoing efforts of GON 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 urban 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.⁴ 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 (ii) 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 Water Users and Sanitation Committees (WUSCs)⁵ or municipalities.⁶ Shortage of investment funds, skilled personnel, and inadequate (O&M) budgets, hinder municipalities from providing adequate, cost-effective services. The Local Governance Operation Act, 2017, established municipalities as autonomous government institution with responsibility for WSS services. While

² Subproject selection criteria are detailed in the PAM. 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.

¹ 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).

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

⁵ 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.

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 channeled through a combination of (i) government grants through DWSS, (ii) loans by the Town Development Fund (TDF),⁷ and (iii) contributions from municipalities and beneficiaries.⁸ 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 the implementing agency. The project management office (PMO) established under ongoing Third Small Towns Water Supply and Sanitation Sector Project (footnote 1) will be responsible for the overall management, implementation, and monitoring of the project. There will be regional PMOs (RPMOs) to manage day-to-day project implementation at the subproject/municipality level. After construction (including a one-year O&M period by the contractor), subprojects will be operated by the WUSC or municipality.
- 6. In terms of financing, 70% of the cost will be contributed by GON. The cash contribution to be made by WUSC should be minimum 5% of the civil works contract in the form of upfront cash contribution. The remaining 25% will be borrowed from the TDF as a loan, at an interest rate not exceeding 5% per annum with a maturity of 25 years including a grace period of five years. The project ensures full participation of (WUSC) in the formulation, implementation, and (O&M) of water supply and sanitation.
- 7. The proposed UWSSP is not anticipated to involve any significant resettlement impacts and is classified as Category B. 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, 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 the Report

8. This draft due diligence report (DDR) on Land Acquisition, Involuntary Resettlement, and Indigenous People's is prepared for the proposed Liwang-Rolpa Water Supply Project. A due diligence process was conducted to examine land acquisition, resettlement, and indigenous peoples 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 required to undertake a review of this due diligence, prepare a confirmation letter or report documenting any modifications for the subproject and submit to ADB; and receive a 'no objection' confirmation from ADB prior to start of construction in the subproject.
- 10. The Urban Water Supply and Sanitation (Sector) Project (UWSSP) is designed with the principle of community management, making it demand responsive, and adopting a participatory approach. The participatory approach aims for greater community participation in planning and implementation along with their operation and maintenance activities. Demand

⁷ The TDF is a government-owned entity established under the Town DevelopmentFundAct, 1997. Loans from the government to WUAs or municipalities are generally on-lent by TDF under a subproject financing agreement.
 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 subprojects(subsidy from municipalities).

responsiveness is demonstrated by willingness to pay for improved service delivery and ultimately aims 30% cost recovery. Community management is essential for community empowerment so that the community can take full responsibility for financial, technical, and managerial aspects related to (O&M).

II. SUB-PROJECT DESCRIPTION

A. Location and Accessibility

- 11. The proposed Liwang town project lies in the Rolpa district in Province 5. Liwang is the district headquarter of Rolpa district. It is located in the southwestern mid-hill part of the country. All-weather roads are connected to the town from Bhaluwang, a small business centre located at East-West Highway.
- 12. It has a subtropical type of climate. Almost 80% of rainfall occurs during monsoon (June to September). The location of the project area is 28°18' North 82°38' East. The altitude of the project area varies from 1,300 m-1,500 m above the sea level.

B. Socioeconomic Profile of Project Area

Subsystem-wise Service Households and Population

13. The proposed project covers ward 1, 2, and 4 (former 5, 6, 7, and 8) of Liwang Municipality of Rolpa district. There is 50.32% male population and 49.68% of female population in the service area. As per final detail engineering design report 2019, there are total 1,060 households in the project service area with an average household size of 5.68. Total permanent population and rental population is 5,809 and 181 respectively. Subsystemwise households, household size, and population is presented in table 1.

Table 1: Subsystem-wise Households, Household Size, and Population

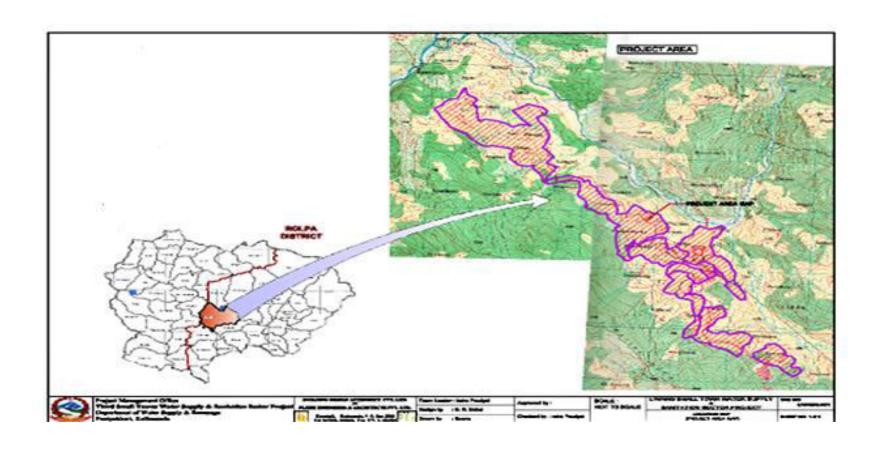
S.N.	Subsystems		Average	Population		
		Households	household size	Permanent	Rental	Total
1	Old Bamruk	42	5.54	230	3	233
2	Bamruk-Badichaur-	83	5.77	455	24	479
	Mewang					
3	Mewang-Deubuje	34	5.91	186	15	201
4	Tudikhel-Solowang	218	5.55	1,195	16	1211
5	Sikshya	50	5.72	274	12	286
6	Siwalaya-Bichbazar	263	5.66	1,441	48	1489
7	Kavrakharka	201	5.61	1,102	27	1129
8	Siwang-Reeuga	169	5.69	926	36	962
	Total	1,060	5.68	5,809	181	5,990

Source: Final Detai Engineering Design Report April, 2019

Caste and Ethnicity

14. 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. The most prevailing ethnic group in the service area is of Brahmin and Chhettri comprising 45.89%. Janajati is the next major ethnic group with 30.75%, followed by Dalit which constitutes about 14.33% of total population.

Figure 1: Project Location Map



C. Design Concept and Project Components

Proposed Subproject Components

15. This section describes the different components of the proposed sub-project.

Water Sources

16. Four perennial spring sources are proposed for the project. The tapping discharge of four spring sources is mentioned in the Table 2.

Table 2: Source and Tapping Design Discharge

		Dry Season	Pro	posed to Tap (lps)	
SN	Sources	Discharge (lps)	Gravity scheme	Pumping scheme	Total (lps)
1	Mulkhola	9.3	5.00	3.31	8.31
2	Sattale	13.6	-	6.66	6.66
3	Mulpani	14.6	-	4.03	4.03
4	Rimkhola	5.3	-	3.08	3.08
Total			5.00	17.08	22.08

Source: Field Survey year January 2016 and Final Detai Engineering Design Report April, 2019

Treatment Process

- 17. The treatment system consists of pressure filter and disinfection unit which are proposed to make the water safe for drinking purpose.
 - (i) Pressure Filter: Pressure filters made of mild steel are proposed to remove turbidity and precipitated iron. The pressure filters will be packed with sand and gravel as per the design specifications. The drainage system and back wash system should also be installed in the pressure filters. The pressure filter is expected to bring down the turbidity of water as per the National Drinking Water Quality Standard. A large number of coliforms are also expected to be removed in the pressure filters due to biological action.
 - (ii) Disinfection Unit: Although pressure filter removes coliforms to a certain extent, the effluent of the pressure filter might still contain coliforms which may be harmful to human health. These coliforms are killed through the disinfection process to make the water safe. The disinfection is proposed by the addition of bleaching powder in the reservoir. Bleaching powder is to be dosed from chlorine dosing tank through a dosing unit. The chlorine dose of 1 mg/l is proposed.

Distribution Reservoirs

18. The total storage requirement for the system at the end of the design period i.e. 2038 is calculated at 545 cum. The provision of this quantity has been fulfilled by providing additional ground reservoirs. Most of the existing reservoirs are made of ferro-cement and will not be used. A few which are in good condition and need minor repairs are proposed to be used for water supply systems. Table 3 summarizes the subsystem-wise requirement of reservoir tanks.

Table 3: Requirement of Reservoirs

			Reservoir	Size
S N	Distribution System	Existing Capacity (cum)	Required capacity (cum)	Remarks
1	Purano Bamruk	20	15	Ferro-cement (To be replaced)
2	Bamruk- Badichour	10	30	Ferro-cement (To be replaced)
3	Mewang-Duibuje	40	40	Masonry Wall (To be reused)
4	Tudikhel- Solawang	40	120	Ferro-cement (To be replaced)
5	Shikshya	NA	20	New proposed
6	Sibalaya- Bichbazaar	20	140	Ferro-cement (to be replaced)
7	Kavrakharka- Thalawang- Thaliwang	20	100	Ferro-cement (to be replaced)
8	Siwang-Reeuga	15	80	Ferro-cement (To be replaced)
0	Total	l	545	

Source: Final Detai Engineering Design Report April, 2019

Transmission Mains

19. Transmission mains of 10,071 m are estimated to convey water from source to distribution reservoirs of all the schemes. Details are given in Table 4. Galvanazed Iron (GI) pipes are proposed for pumping schemes. Transmission pipes for all the gravity schemes are proposed to have HDP (PE) pipes. Minimum size of pipe is 50 mm and maximum is 350 mm. Maximum of one meter wide space will be needed for excavation and pipe laying work. Rolpa municipality has given permission to WUSC for pipe laying in right of way of municipal road. Consent letter is attached in **Appendix-1d.**

Table 4: Transmission Mains

SN	Transmission line	Length (m)	Remarks
1	Mulkhola Source	4008	
2	Sattale Source	2612	Quality of pipe and size in diameter is given in
3	Mulpani Source	1235	Table 9
4	Rimkhola Source	2216	
Total 10,071			

Source: Final Detai Engineering Design Report April, 2019

Distribution Network

20. The distribution system comprises a piped network, which consists mainly of loops and branch in very few places. Distribution pipes are proposed to be laid on both sides of all metal and major roads. Single line pipes are proposed on earthen and other roads. HDPE pipes will be predominantly used. Existing pipes will not be used as these are leaking and found substandard (class of 4 kg). The total distribution pipe length of the proposed system is about 48.12 km. Details is given in Table 5. Minimum size of pipe is 50 mm and maximum is 350 mm. Maximum of one meter wide space will be needed for excavation and pipe laying work. Rolpa Municipality has given permission to WUSC for pipe laying in right of way of municipal roads. Consent letter is attached in **Appendix-1d.**

Table 5: Distribution Pipeline

SN	Distribution Sub -system	Length (m)	Remarks
1	Purano Bamruk	2,222	
2	Bamruk-Badichaur-Mewang	4,215	
3	Mewang- Duibuje	2,871	Ouglity of pipe
4	Tundikhel-Solawang	7,905	Quality of pipe and size in
5	Shikshya	3,517	diameter is
6	Sibalaya- Bichbazaar	7,623	given in Table 9
7	Kavrakharka-Thalawang-Thaliwang	10,258	9
8	Siwang-Reeuga	9,509	
	Total	48,120	

Source: Final Detai Engineering Design Report April, 2019

21. **Pipe Materials.** Much of the pressure head loss in pipelines is attributed to pipe materials used for transmission and distributing the water. Following a detailed analysis of various pipe materials used for water supply the following materials (Table 6) is suggested for consideration in distribution network expansion and rehabilitation, subject to hydrostatic pressure and soil conditions. GI pipes are manufactured locally. GI pipes are highly corrosive and life span is short, therefore its shall be avoided as far as possible.

Table 6: Pipe Materials for Transmission and Distribution Network

Recommended Materials	Pipe Diameter (mm)	Remarks
PE 100	50-215	IS
PE >= 6kg/cm2	50 – 215 mm	NS 40 – 2040; IS 4984 - 1978
Galvanized Iron	50 – 100 mm	NS 199 - 2046; IS : 1239 – 1990
Ductile Iron	150 – 350 mm	ISO 2531

Source: Final Detai Engineering Design Report April, 2019

Guard houses

22. Four guard houses are proposed considering the difficulties of terrain and elongated nature of service area.

Office Building/Laboratory Room

23. One office building consisting of manager's room and cash counters has been proposed. Similarly, one laboratory room is also proposed.

Sanitation Improvement Component

- 24. **Public Toilet.** One public toilet is proposed in this subproject. There will be separate compartments for male and female users. The male toilet will have five urinals and two pans while the female toilet will have four units. There will be a separate unit for persons with disability and for all-gender use.
- 25. **Individual Household Toilet Improvement.** The improved sanitation component includes the individual household toilet improvement. The low income groups will be encouraged to construct toilets using the Output Based Aid (OBA) grant. House owners will provide the land for the improvement and construction of household toilet, therefore, land acquisition is not required for household toilets. As per the OBA demand form, WUSC and

DSMC will select the OBA households on the basis of demand. Actual number of households will be identified after the joint field verification by WUSC, integrated core group and design supervision, and management consultant. OBA grant will be provided to those households who are selected on the basis of living below poverty line (NPR 13,500/month, based on the Nepal Living Standards Survey 2010/2011 updated in 2020 by the project) and other criteria. For the implementation of OBA program, GESI expert and social mobilizer of design supervision and management consultant team will be mobilized. Approved poverty calculation sheet for OBA implementation is attached in **Appendix 5**.

26. The proposed components of Liwang Urban Water Supply and Sanitation Sub project are presented in Table 7.

Table 7: Proposed Components of Liwang subproject

S.N	Component	Capacity / Length	Location	Land Ownership	Remarks	
1	Intake and Tre		_			
1.1	Mulkhola Source intake	8.31 lps	Rolpa Municipality ward no.1	Public/ Government land	Rolpa Municipality has given permission to	
	WTP	pressure filter	_		WUSC to use the land. Consent	
	Guard House	5.85mx3.55m			letter attached in Appendix-1b	
1.0	Sump well	2.3mx2.3m	Dalas	Dudalia / Oassannana and	• •	
1.2	Sattale Source	6.66 lps	Rolpa Municipality ward no. 2	Public/ Government land	Rolpa Municipality has given permission to WUSC to use the	
	WTP	pressure filter			land. Consent letter attached in	
	Guard House	5.85mx3.55m			Appendix-1b	
	Sump well	2.3mx2.3m				
1.3	Mulapni Source	4.03 lps	Rolpa Municipality	Public/ Government land	Rolpa Municipality has given	
	WTP	pressure filter	ward no. 2		permission to WUSC to use the	
	Guard House	5.85mx3.55m			land. Consent letter attached in	
	Sump well	2.3mx2.3m			Appendix-1b	
1.4	Rim Khola Source	3.08 lps	Rolpa Municipality	Public/ Government land	Rolpa Municipality has given	
	WTP	pressure filter	ward no. 2		permission to	
	Guard House	5.85mx3.55m			WUSC to use the land. Consent	
	Sump well	2.3mx2.3m			letter attached in Appendix-1b	
2	Reservoir tank	(S				
2.1	Purano Bamruk RVT	15 cum	Rolpa Municipality ward no. 4, Maldhara	Mewang Community Forest	Mewang Community forest has given permission to WUSC for use of land. Consent letter attached in Appendix-1e	
2.2	Bamruk- Badichaur-	30 cum	Rolpa Municipality ward no. 4, Ratamata	Mewang Community Forest	Mewang Community forest has given permission to	

S.N	Component	Capacity / Length	Location	Land Ownership	Remarks
	Mewang RVT				WUSC for use of land. Consent letter attached in Appendix-1e
2.3	Mewang- Duibuje RVT	40 cum	Rolpa Municipality ward no. 4, Dhunge Bisauna	Mewang Community Forest	Mewang Community forest has given permission to WUSC for use of land. Consent letter attached in Appendix-1e
2.4	Tudikhel- Solawang RVT	120 cum	Rolpa Municipality ward no. 4	Public/ Government land	Rolpa Municipality has given permission to WUSC to use the land. Consent letter attached in Appendix-1b
2.5	Sikshya RVT	20 cum	Rolpa Municipality ward no. 4	Public/ Government land	Rolpa Municipality has given permission to WUSC to use the land. Consent letter attached in Appendix-1b
2.6	Sibalaya- BichBazar RVT	140 cum	Rolpa Municipality ward no. 4, Karing khola	Public/ Government land	Rolpa Municipality has given permission to WUSC to use the land. Consent letter attached in Appendix-1d
2.7	Kavrekharka- Thalawang- Thaliwang RVT	100 cum	Rolpa Municipality ward no. 2	Public/ Government land	Rolpa Municipality has given permission to WUSC to use the land. Consent letter attached in Appendix-1b
2.8	Siwang- ReeugaRvt	80 cum	Rolpa Municipality ward no. 2	Public/ Government land	Rolpa Municipality has given permission to WUSC to use the land. Consent letter attached in Appendix-1b
3	Transmission	mains and Distri	bution Network		
3.1	Transmission mains	Length 10.08 km	Rolpa Municipality ward no. 1,2 and 4	Public/Government road right of way	Rolpa Municipality has given permission to WUSC for pipe laying in government road rifgt of way. Consent letter attached in

S.N	Component	Capacity / Length	Location	Land Ownership	Remarks
					Appendix-1d
3.2	Distribution Network	Length 48.12 km	Rolpa Municipality ward no. 1,2 and 4	Public/Government road right of way	Rolpa Municipality has given permission to WUSC for pipe laying in government road rifgt of way. Consent letter attached in Appendix-1d
4	Other structur	res			
4.1	Office Building	Manager's room, cash counters, laboratory room, Meeting hall	Rolpa Municipality ward no. 4	Municipality land	Rolpa Municipality has given permission to WUSC to use the land. Consent letter attached in Appendix-1b
5	Sanitation Con	nponent			
5.1	Public Toilet	5 urinals and 2 pans for male users, 4 female units	Rolpa Municipality ward no. 2, Reugha Ritthabot	Public/ Government land	Rolpa Municipality has given permission to WUSC to use the land. Consent letter attached in Appendix-1c

Source: Final Detai Engineering Design Report April, 2019

Figure 2: Google Map Showing Service Area, Pipeline Alignment, and Location of RVTs

Figure 3: Google Map Showing Service Area, Pipeline Alignment, and Location of RVTs

III. FIELD WORK: SURVEYS AND PUBLIC CONSULTATIONS

A. Outline of Field work

- 27. Desk review was the first step adopted for the study. Relevant reports and documents available at PMO/DWSS, WRPMO, WUSC office, and reports prepared by WRDSMC were reviewed in order to assess the land acquisition requirement and level of likely impact. The following are the main reports and documents reviewed for the study:
 - (i) Detailed Engineering Design Report,
 - (ii) Socio-economic profile prepared by WRPMO.
 - (iii) WUSC minutes and documents
 - (iv) ADB Safeguard Policy Statement 2009
- 28. Field visit to the project site and major settlements/clusters in the service area was another step for the study. Several field visits were made.
- 29. Direct observation and interaction with local people who may be affected by project construction activities was carried out during field visit. The details of field visit and interactions are presented below in Table 4.

B. Public Consultation

- 30. Consultations with key stakeholders were carried out in line with ADB's requirements related to environment and social considerations. During the consultation key concerns of people related to the project were discussed.
- 31. During field visits to all proposed sites and pipeline alignments, potential impacts and mitigation measures were assessed and discussed with stakeholders. The consultations helped to identify the felt needs/concerns and priorities of the stakeholders.
- 32. Consultations and meetings were held with the WUSC, local community, and different stakeholders since subproject preparation i.e. inception phase to different stages to disseminate a wide range of project information and to discuss and identify likely issues, problems/constraints and prospects, and feedback from the participants. The consultations conducted so far mainly covered information dissemination about the subproject and its scope, cost sharing modality, likely positive and adverse impacts, requirement of land acquisition, procedures of compensation valuation and payment of compensation, grievance redress mechanism, and local issues etc. The major meetings and interactions held during the course of the preparation of this report are summarized in Table 8.

Table 8: Summary of Consultations

SN	Date	Location	No. of Participants	Participants	Topics Discussed	Issues Raised
1	16 February 2018	Liwang	11 Male	WUSC members, DSMC representative	Land required for different components of the project	None

2	11 Feb 2018	Liwang	13 (Male 11,Female 2)	WUSC members and DSMC representative	•	Formation of Advisory and Monitoring committees nomination of members for committee account operation registration of water source etc.	None
3	June 2016	Liwang	42 (Male 30, Female 12)	WUSC members, Tole committee representatives, college/school teachers, political party representatives, RPMO, RDSMC, beneficiaries and representatives of Dalits and Indigenous community	•	Presentation and discussion on Feasibility Report including environmental and social safeguard land requirement and acquisition process 5% upfront cash collection.	None
4	24 August 2018	Liwang	112 (Male 78,Female 34)	WUSC chairman Mr. Liladhar Acharya. Mr. Purna K.C. Mayor of Rolpa Municipality and local people were presented in the Consultation program	•	Project design and Project cost Upfront cash collection registration of required water sources Land ownership certificate or land use permission to construct project's water supply and sanitation structure	Upfront cash collection
5.	2 May 2019	Rolpa Municipality	13 (Male 9, Female 4)	WUSC members	•	Regarding getting permission for land Others	Land ownership

6.	31 May 2019	Liwang	32 (Male 26, Female 6)	WUSC member and water user group (Mulkhola, Sattale, Mulpani and Rimkhola).	•	Regarding use of 4 downstream water sources Regarding huts, houses, trees around the proposed reservoir tank construction area Regarding Shibalaya- Bich Bazar reservoir	Water Use and management
					•		

IV. LAND AVAILABILITY, INVOLUNTARY RESETTLEMENT, AND INDIGENOUS PEOPLE IMPACTS

A. Findings

- 33. Lands in 14 different locations are required for construction of project components such as intakes, RVTs, treatment unit, office building, guard houses, and public toilets. Nearly 5,325 sq. m land will be required for project components. All other water supply components such as transmission mains and distribution network are proposed on government land and within public road rights-of-way.
- 34. Approximately 600 sq. m of land is required for Mulkhola Klola system in ward no. 1. Intake and Pressure filter will be constructed at the site. The public land is vacant with some bushes on the upper side of the source. No public or private structure exists at the site, which is vacant and unused. No involuntary resettlement impact is aniticipated at the site. WUSC has received consent letter for use of the land.
- 35. Nearly 570 sq. m of land is required for Sattale system in ward no. 2 of Rolpa Municipality where intake and pressure filter will be constructed. The land is vacant public/government land. No structure exists at the site, which is vacant and unused. Hence, no involuntary resettlement impact is aniticipated. WUSC already received consent letter for use of the land.
- 36. For Mulpani system, about 410 sq. m of land is required in ward no. 2. Intake, pressure filter will be constructed at the site. It is public/government land with some bushes on the upper side of the source. No public or private structure exists on the site except the community tap stand at the side which will not be impacted during construction. Care will be taken during construction to ensure that access to the tap is not hampered and at the same time, safety of tap users is not compromised. Since private land acquisition is not required and available land is vacant and unused public land, no involuntary resettlement impacts are likely. WUSC has already received a consent letter for use of the land.
- 37. Approximately 305 sq. m of land is required for Rim-Khola system to construct an intake and pressure filter. It will be constructed on public land, without any structure or other use. No involuntary resettlement impacts are anticipated. WUSC has already received a consent letter for use of the land.
- 38. A total of eight RVTs are required at different locations. The details of location, land requirement, the capacity of RVTs, and likely impacts are given in the Table 9. The proposed lands for all eight sites are owned by the municipality. The proposed sites are vacant land without any public or private structure and also free of informal users. No involuntary resettlement/indigenous peoples impacts are anticipated.
- 39. Likewise, for an office building, Rolpa Municipality has handed over the land to WUSC for construction purpose. For public Toilet, the WUSC has found public land in an appropriate location in ward 2, Reugha Rithabot. The proposed land is vacant and unused public land and the municipality has provided persmission to WUSC for toilet construction. No resettlement impacts are anticipated.
- 40. Transmission main pipelines of 10.08 km and the distribution network of 48.12 km length is proposed within existing government right of way and vacant government land/road rights of way. Hence, no permanent involuntary resettlement impacts are anticipated due to the laying of transmission mains and distribution lines. No relocation/resettlement impacts, impacts on structures, or temporary economic impacts are anticipated along alignment.

Table 9: Proposed Sub-project Components and their Involuntary Resettlement and Indigenous Peoples impact

SN	Component	Required Land Area	Avail able Land Area	Capacity/ Length	Land Ownership	Involuntary Resettlement Impacts	Indigenous Peoples Impacts	Proposed Mitigation Measure
1	Intake and Tr	reatment un	it					
1.1	Mulkhola Source intake		000	8.31 lps	WUSC/ Public/ Government	Public (government) land with some bushes at the upper side of the source. No public or private structure or any other use at the site. Therefore,	None	Coordination with WUSC and Rolpa Municipality (Consent letter is attached
	WTP	445 sq.m	600 sq.m	pressure filter	land	no involuntary resettlement impacts anticipated. The municipality has provided consent letter to		in Appendix-1b), Photo no.1
	Guard House			5.85mx3. 55m		WUSC for use of land.		
	Sump well			2.3mx2.3 m				
1.2	Sattale Source			6.66 lps	WUSC/ Public/ Government	Public (government) land. No structure or any other use observed at the site, hence no involuntary resettlement impacts anticipated.	None	Coordination with WUSC and Rolpa Municipality (Consent letter is attached
	WTP	530 sq.m	570 sq.m	pressure filter	land	The municipality has provided consent letter to WUSC for use of land.		in Appendix-1b), Photo no. 10 and 11
	Guard House			5.85mx3. 55m				
	Sump well			2.3mx2.3 m				
1.3	Mulapni Source			4.03 lps	WUSC/ Public/	Public (government) land with some bushes at upper side of the source. No public or private	None	Coordination with WUSC and Rolpa Municipality
	WTP	355 sg.m	410	pressure filter	Government land	structure exists on the site and no other use is reported. No resettlement impacts anticipated.		(Consent letter is attached in Appendix-1b), Photo
	Guard House	·	sq.m	5.85mx3. 55m		The municipality has provided consent letter to WUSC for use of land.		no. 8 and 9
	Sump well			2.3mx2.3 m				
1.4	Rim Khola Source	300 sq.m	305 sq.m	3.08 lps	WUSC/ Public/ Government	Public (government) land. No structure exists on the site and it is not used for any other purpose.No involuntary resettlement impacts	None	Coordination with WUSC and Rolpa Municipality (Consent letter is attached
	WTP			pressure filter	land	anticipated. The municipality has provided consent letter to WUSC for use of land.		in Appendix-1b), Photo no. 6 and 7

SN	Component	Required Land Area	Avail able Land Area	Capacity/ Length	Land Ownership	Involuntary Resettlement Impacts	Indigenous Peoples Impacts	Proposed Mitigation Measure
	Guard House			5.85mx3. 55m				
	Sump well			2.3mx2.3				
	Sump wen			m				
2	Reservoi							
2.1	Purano Bamruk RVT	300 sq.m	300 sq.m	15 cum	WUSC/Mewa ng Community Forest	The proposed site is located within the community forest area. No public or private structure exists on the site. 300 sq. m of vacant land area of Mewang Community forest will be used for construction of a RVT of 15 cum capacity. There will be adequate remaining land for forest users. Hence there will be no impact on access and use of forest products as per community forests' rules and regulations. No Involuntary Resettlement impacts. Mewang Community forest Municipality has provided consent letter to WUSC for use of land.	None	Coordination with WUSC, Forest User Committee and Rolpa Municipality (Consent letter is attached in Appendix-1e)
2.2	Bamruk- Badichaur- Mewang RVT	450 sq. m	500 sq.m	30 cum	WUSC/Mewa ng Community Forest	The proposed site is located within community forest area. No public or private structure exists on the site. 500 sq. m of vacant land area of Mewang Community forest will be used for construction of a RVT of 30 cum capacity. There will be adequate remaining land for forest users. Hence there will be no impact on access and use of forest products as per community forests' rules and regulations. No Involuntary Resettlement impacts. Mewang Community forest Municipality has provided consent letter to WUSC for use of land.	None	Coordination with WUSC, Forest User Committee and Rolpa Municipality (Consent letter is attached in Appendix-1e)
2.3	Mewang- Duibuje RVT	200 sq.m	200 sq.m	40 cum	WUSC/Mewa ng Community Forest	The proposed site is located within community forest area. No public or private structure exists on the site. 200 sq. m of vacant land area of Mewang Community forest will be used for construction of a RVT of 40 cum capacity. There	None	Coordination with WUSC, Forest User Committee and Rolpa Municipality (Consent letter is attached in Appendix-1e)

SN	Component	Required Land Area	Avail able Land Area	Capacity/ Length	Land Ownership	Involuntary Resettlement Impacts	Indigenous Peoples Impacts	Proposed Mitigation Measure
						will be adequate remaining land for forest users. Hence there will be no impact on access and use of forest products as per community forests' rules and regulations.No Involuntary Resettlement impacts. Mewang Community forest Municipality has provided consent letter to WUSC for use of land.		
2.4	Tudikhel- Solawang RVT	450 sq.m	570 sq.m	120 cum	WUSC/Public / Government Land	The proposed site is a public (government) land. Proposed site is already owned by previous water user committee (Rolpa-Bichbazar Water User Committee). The municipality has given permission to construct new RVT in the same area. WUSC has taken permission to construct new RVT in same place from Rolpa Municipality.	None	Coordination with WUSC and Rolpa Municipality (Consent letter is attached in Appendix-1b)
2.5	Sikshya RVT	365 sq.m	365 sq.m	20 cum	WUSC/Public / Government Land	Proposed site is a public (government) land. No public or private structure exists on the site and no other use is observed. Therefore, no involuntary resettlement impacts anticipated. The Municipality has provided a consent letter to WUSC for use of land.	None	Coordination with WUSC and Rolpa Municipality (Consent letter is attached in Appendix-1b)
2.6	Sibalaya- BichBazar RVT	365 sq.m	382.5 0 sq.m	140 cum	WUSC/Public /Government Land	Proposed site is a public (government) land. No public or private structure exists on the site and no other use is observed. Therefore, no involuntary resettlement impacts anticipated. The municipality has provided consent letter to WUSC for use of land.	None	Coordination with WUSC and Rolpa Municipality (Consent letter is attached in Appendix-1b)
2.7	Kavrekhark a- Thalawang- Thaliwang RVT	500 sq.m	505 sq.m	100 cum	WUSC/Public /Government Land	Proposed site is a public land. No public or private structure exists on the site and no other use is observed. Therefore, no involuntary resettlement impacts anticipated. The municipality has provided consent letter to WUSC for use of land.	None	Coordination with WUSC and Rolpa Municipality (Consent letter is attached in Appendix-1b)
2.8	Siwang-	410 sq.m	410 sq.m	80 cum	WUSC/Public /Government	Proposed site is public (government) land. No public or private structure exists on the site and	None	Coordination with WUSC and Rolpa Municipality

SN	Component	Required Land Area	Avail able Land Area	Capacity/ Length	Land Ownership	Involuntary Resettlement Impacts	Indigenous Peoples Impacts	Proposed Mitigation Measure
	Reeuga RVT				Land	no other use is observed Therefore, no involuntary resettlement impacts anticipated. The municipality has provided consent letter to WUSC for use of land.		(Consent letter is attached in Appendix-1b)
3	Transmission Network	n mains and	d Distribu	ıtion				
3.1	Transmissio n mains	entire project area	Lengt h 10.08 km	Length 10.08 km	Public/Gover nment road right of way	The alignments are proposed on vacant government land and public road rights of way. Permanent land acquisition is not required. The right of way is encumbrance / encroachment free and is already under the possession of the municipality and no permanent involuntary resettlement impacts are anticipated. Temporary impacts will be avoided through good practices during construction.	None	-Providing signs at appropriate locations indicating available alternate access routes for movementEnsure continued access to shops and residences using simple wooden walkways where required
3.2	Distribution Network	Ward 1,2 and 4	Lengt h 48.12 km	Length 48.12 km	Public/Gover nment road right of way	Distribution pipes will be laid on both sides of the major roads. Single line pipes are proposed in earthen and other roads. Since the alignments are proposed on government land and public road rights of way, no land acquisition will be required. The right of way is encumbrance / encroachment free and is already under the possession of the municipality and no permanent involuntary resettlement impacts are anticipated. Temporary impacts will be avoided through good practices during construction.	All households in project coverage area including indigenous peoples households will be benefited through house service connections.	-Limit the excavation to 500 m at a time to minimize disruption -No road closures are anticipated during construction -Undertake construction on one side of the road first and on completion of the same start work on the other to minimize impact on traffic -Minimized the work disruption on coordination with WUSC and Municipality (Consent letter is attached in Appendix-1d)
4	Other struct	ures						m rippondix 1d/

SN	Component	Required Land Area	Avail able Land Area	Capacity/ Length	Land Ownership	Involuntary Resettlement Impacts	Indigenous Peoples Impacts	Proposed Mitigation Measure
4.1	Office Building	515 sq.m	515 sq.m		WUSC/Public /Government Land	Proposed land is located in the Sunstar Tole which is public (government) land. No public or private structure exists on the site and no other use is observed. Therefore, no involuntary resettlement impacts are anticipated. Municipality has provided consent letter to WUSC for use of land.	None	Coordination with WUSC and Rolpa Municipality (Consent letter is attached in Appendix-1b)
5	Sanitation (Component						
5.1	Public Toilet	50 sq.m	150 sq.m			Proposed land is located at Reeuga Rithabot which is public (government) land. No public or private structure exists on the site and no other use is observed. Therefore, no involuntary resettlement impacts are anticipated. The municipality has provided consent letter to WUSC for use of land.	None	Coordination with WUSC and Rolpa Municipality (Consent letter is attached in Appendix-1c)
	Total	5325 sq.m.	5782.5 sq.m					

B. Involuntary Resettlement

- 41. As mentioned in ADB's Safeguard Policy Statement 2009 (SPS), 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 access to legally designated parks and protected areas.
- 42. Nearly 5,325 sq.m of land is required at 14 different sites for construction of project structures such as Intakes, RVTs, Treatment units, Office Building, and Public Toilet. WUSC has acquired the required land for the construction of different components. All sites are public/government land. 5,782.5 sq.m public land is available in different locations and Rolpa Municipality has permitted construction of the structures of water supply components in these public/government lands. Hence, the impacts of project construction activities are expected to be minimal. No physical displacement (relocation, loss of residential land, or loss of shelter), economic displacement (loss of assets, access to assets, income sources, or means of livelihoods), permanent or temporary, is anticipated.

C. Indigenous Peoples

- 43. According to the ADB's Safeguard policy, the Indigenous Peoples safeguards are triggered 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.
- 44. The Liwang Urban Water Supply and Sanitaiton Project service area is a mosaic of multi caste/ethnic groups. It is the district headquarter of Rolpa and main market center of the district. The availability of district-level government offices, educational, financial and health institutions, and other services, as well as business opportunity, are attracting the people of different castes and ethnicities to settle in the project Municipality.
- 45. The field observations reveal that though the area has presence of Magar community, 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. Furthermore, in the context of the service area, belonging to the ndigenous 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. The WUSC will ensure 100% connections in the project coverage area, including to Indigenous Peoples.
- 46. The impacts on Indigenous People will be positive, increasing the access to drinking water and sanitation facilities. No adverse impacts to Indigenous Peoples groups including dignity, human rights, livelihood systems, culture or territories, or natural or cultural resources that they own, use, occupy, or claim as an ancestral domain or asset, are anticipated. No involuntary resettlement impacts to indigenous peoples including physical displacement and economic displacement (loss of land, assets, access to assets, income sources, or means of livelihoods) is anticipated as a result of land acquisition. Therefore, Indigenous Peoples Plan is not required for this subproject.

V. CONCLUSION

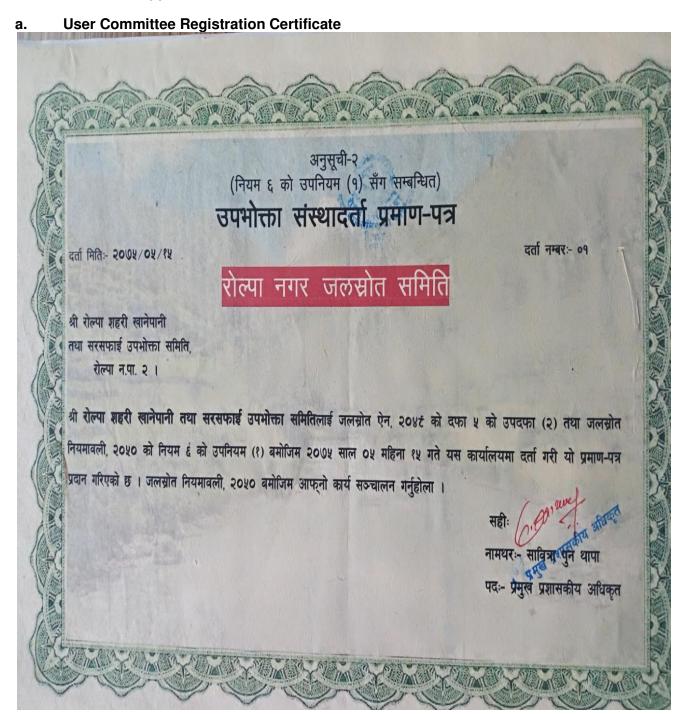
A. Summary and Conclusion

- 47. This Due Diligence report covers review of safeguard documentation and involuntary resettlement and indigenous peoples impacts. This report is based on a desk review of relevant documents as well as field assessments. The status of major resettlement due diligence activities and findings are summarized below.
 - (i) The impacts of project construction activities will be minimal and there will be no need for physical displacement (relocation, loss of residential land, or loss of shelter) or economic displacement (loss of assets, access to assets, income sources, or means of livelihoods), whether permanent or temporary. 5,325 sq.m lands is required at 14 different sites for construction of project structures such as Intakes, RVTs, treatment units, office building and public toilet. WUSC has obtained 5782.5 sq.m land from the concerned stakeholders including the municipality and community forest user committees.
 - (ii) Any unanticipated impacts on private structures due to construction activities will be dealt with and mitigated as per Resetllement Framework of the Project. For this, Grievance Redress Mechanism is effectively in place. Emphasis is given on information dissemination and frequent interaction with local people and dealing with local issues using a participatory approach.
 - (iii) The service area is heterogeneous in terms of caste/ethnicity and no specific territory of Indigenous Peoples has been reported. 30.75% of Janajatis inhabit this project area. All are treated equally by WUSC and there is no discrimination on receiving water supply service based on ethnicity and caste. Poor Indigenous People will benefit from OBA grants. Therefore, the impact on indigenous people will be positive, increasing their access to drinking water and sanitation facilities. No adverse impact to indigenous peoples is anticipated.

B. Next Steps

48. The draft DDR will be updated based on the final detailed design. Site/design changes, if any during project implementation, and ADB's No Objection will be sought. Details of site-specific consultations will be included in the updated DDR. Any resettlement issues identified during project implementation will be updated and reported in semi-annual social safeguards monitoring reports as required. Implementation of OBA program will be reported in quarterly progress report and semiannual reports.

Appendix 1: Related Document and Consent Letter



Translation

USER COMMITTEE REGISTRATION CERTIFICATE SPRING/WATER SOURCE COMMITTEE OF ROLPA

Registration Date: 31 August, 2018 Registration No-01

To:

Rolpa Urban Water Supply and Sanitation user Committee Rolpa Municipality

This certificate has been awarded to Rolpa Khanepani Tatha Sarsafai Upabhokta Sammittee on 31 August, 2018. This committee is registered as per the Jalshort Ain (Spring/Water Source Lawl) of Nepal.

Signature Name: Sabitra Pun Thapa

Post: Section -Officer

b. Letter from Rolpa Municipality for Land Use (Construction of Intake, RVT, Treatment Unit and Office Building)



रोल्पा नगरपालिका Rolpa Municipality नगर कार्यपालिकाको कार्यालय



Office of the Municipal Executive

लिबाङ, रोल्पा Libang, Rolpa ४ नं. प्रदेश, नेपाल 5 No.Province, Nepal

प.सं./FY:- २०७५/०७६ च.नं. /Ref Nog ६ ४५ मिति/Date:- २०७६/०१/१९

विषय:- सहमति दिईएको सम्बन्धमा।

श्री अध्यक्ष ज्यु

रोल्पा शहरी खानेपानी उपभोक्ता तथा सरसफाइ समिति

रोल्पा नगरपालिका लिवाङ रोल्पा

प्रस्तुत विषयमा रोल्पा नगरकार्यपालिकाको मिति २०७६/०१/०५ को १४औ बैठकबाट भएको निर्णय बमोजिम तेस्रो साना शहरी खानेपानी आयोजना अन्तरगत रोल्पा शहरी खानेपानीका लागि तपिसल बमोजिमका मुहान अन्तरगत बन्ने तपिसल बमोजिमका संरचनाहरू तपिसल बमोजिमका क्षेत्रमा पर्ने हुँदा तेस्रो साना शहरी खानेपानी आयोजनाका लागि आवश्यक पर्ने जग्गा उल्लेखित प्रयोजनका लागी सो उपभोक्ता सिमतले आफ्नो व्यवस्था नगर्दा सम्म कानुन अनुसार अन्य सरकारी निकायको अनुमित लिनु पर्ने भए लिएर उल्लेखित संरचना निर्माण गर्न सहमित दिएको व्यहोरा अनुरोध छ।

तपसिल

क्र. सं.	मुहान/ स्थानको नाम	बन्ने संरचनाहरु	जग्गाको क्षेत्रफल	जग्गाको किसिम
8	मुलखोला मुहान अन्तरगत	इन्टेक, गार्डहाउस WTP , सम्पवेल	६०० वर्ग मिटर	सार्वजनिक जग्गा वडा नं. १
		टुडिखेल सोलोवाङ सिस्टम (RVT)	५७० वर्गमिटर	सार्वजनिक जग्गा वडा नं. ४
3	रिमखोला मुहान अन्तरगत	इन्टेक, गार्डहाउस WTP , सम्पवेल	३०५ वर्गमिटर	सार्वजनिक जग्गा वडा नं. २
		सिवाङ रेउघा सिस्टम (RVT)	४१० वर्गमिटर	सार्वजनिक जग्गा वडा नं. २
\$	मुलपानी मुहान अन्तरगत	इन्टेक, गार्डहाउस WTP, सम्पवेल	४१० वर्गमिटर	सार्वजनिक जग्गा वडा नं. २
		काभ्रेखर्क थलिवाङ सिस्टम (RVT)	५०५ वर्गमिटर	
8	साततले मुहान अन्तरगत	इन्टेक, गार्डहाउस WTP, सम्पवेल	५७० वर्गमिटर	सार्वजनिक जग्गा वडा नं. २
		शिक्षा सिस्टम	३६५ वर्मिटर	सार्वजनिक जग्गा वडा नं. ४
4	सन स्टार टोल	WUSC कार्यालय भवन	५१५ वर्गमिटर	रोल्पा न.पा.को जग्गा वडा नं. ४

पूर्ण के.सी. नगरप्रमुख

Toll Free No. +977-166-086-44555 Ph. +977-086-440071, Ph. +977-086440372 http:-rolpamun.gov.np, E-mail- rolpanagarpalika@gmail.com

Translation

Rolpa Municipality Office of the Municipality Executive Libang, Rolpa Province No: 5, Nepal

FY:-2075/076 Date: - May 2,

2019

Ref No: 1646

Sub: Regarding given permission

Mr. Chairperson, Rolpa Urban Water Supply and Sanitation User Committee Rolpa Nagarpalika, Libang Rolpa

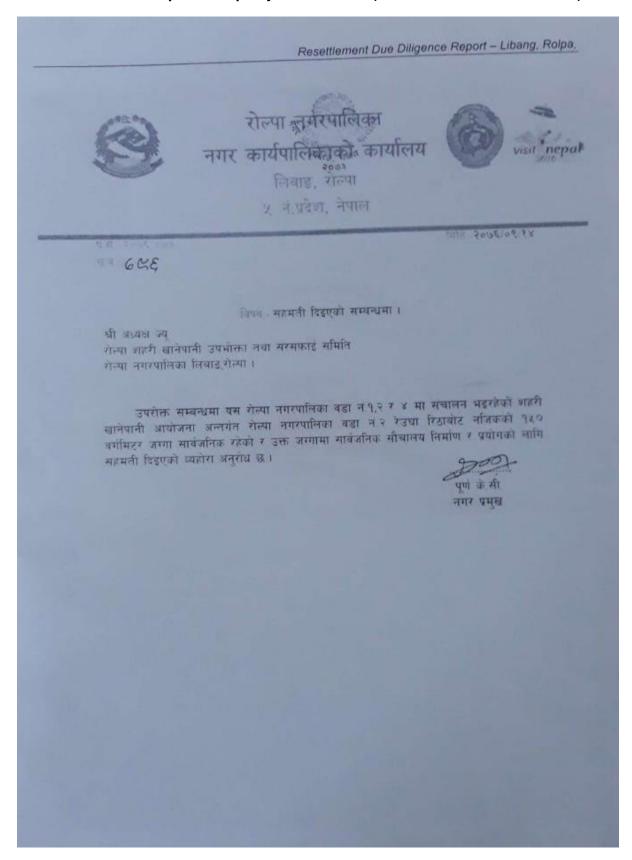
As per the 14th municipality meeting on April 18, 2019, a decision was made to grant permission to construct water supply related structures under the following water sources for the Rolpa Sahari Khanepani Upabhoktta Tatha Sarsafai Sammittee. Rolpa Sahari Khanepani Upabhoktta Tatha Sarsafai Sammittee under Third Small Town Water Supply Project requested to use the following land and requested to coordinate legally with other government offices if any land-related permission is needed.

Particulars

S. No.	Water Sources/Place Name	Structures	Land Area Type of land
1.	Under Mulkhola Water Source	Intake, Guard House, WTP, Sump well	600 Sqm. Public land, Ward No: 1
		Tudikhel Solobang System(RVT)	570 Sqm. Public land, Ward No: 4
2.	Under Rimkhola Water Source	Intake, Guard House, WTP, Sump well	305 Sqm. Public land, Ward No: 2
		Siwang Reeuga System (RVT)	410 Sqm. Public land, Ward No: 2
3.	Under Mulpani Water Source	Intake, Guard House, WTP, Sump well	410 Sqm. Public land, Ward No: 2
		Kavrekharka Thalibang System (RVT)	505 Sqm. Public land, Ward No: 2
4.	Under Sattale Water Source	Intake, Guard House, WTP, Sump well	470 Sqm. Public land, Ward No: 2
		Sikhya System (RVT)	365 Sqm. Public land, Ward No: 4
5.	San Star Tole	WUSC Office Building	515 Sqm. Public land, Ward No: 4

Purna K.C. Mayor

c. Letter from Rolpa Municipality for Land Use (Construction of Public Toilet)



Translation

Rolpa Municipality
Office of the Municipality Executive
Libang, Rolpa
Province No: 5, Nepal

FY:-2076/077 Date: - December 30, 2019

Ref No: 796

Sub: Regarding permission granted

Mr. Chairperson, Rolpa Sahari Khanepani Upabhoktta Tatha Sarsafai Sammittee Rolpa Nagarpalika, Libang Rolpa

With the reference to the above subject matter, for the under implementation of Urban Water Supply and Sanitation Project in ward no. 1, 2 and 4, the Municipality has permitted to use of 150 m² public land for the construction of public toilet is located at nearest to Reugha Rithabot ward no. 2 of Rolpa Municipality.

Purna K.C. Mayor

d. Letter from Rolpa Municipality for Land Use (Construction of RVT, Sibalaya Bichbazaar)



रोल्पा नगरपालिको नगर कार्यपालिकाकी कार्यालय लिवाङ रोल्पा



प.सं.-२०७६/०७७ च.नं.- *१३८*८ मिति:-२०७६/११/१६

विषय - सहमती दिईएको सम्बन्धमा ।

श्री रोल्पा शहरी खानेपानी उपभोक्ता तथा सरसफाई समिति लिबाड रोल्पा ।

प्रस्तुत विषयमा तहाँको मिति २०७६/१९/१४ को प्राप्त पत्रको व्यहोरा अवगत भयो ।शिवालय विच वजार प्रणालीको लागि आवश्यक पर्ने रिजर्भम्वायर टंकी निर्माणका लागि रोल्पा नगरपालिका वड़ा नं.४ को करिडखोलाको ३८२.५० वर्गमिटर सार्वजनिक जग्गामा संरचना निर्माण गर्न र १०.०८ कि.मि.मुख्य पाईपलाईन र ४८.९६ कि.मि. वितरण पाईपलाईन निर्माणका लागि रोल्पा नगरपालिकाको स्थानीय सरकार सञ्चालन ऐन २०७४ को परिच्छेद ३ दफा १९ उपदफा ४ (इ) ६ अनुसार यो सहमतीपत्र दिईएको छ । तोकिएको क्षेत्रफलमा मात्र संरचना निर्माण गर्न अनुरोध गरिन्छ ।

(सावित्रां पुन थापा) प्रमुख प्रशासकीय अधिकृत प्रमुख प्रशासकीय अधिकृत

Translation

Rolpa Municipality
Office of the Municipality Executive
Libang, Rolpa
Province No: 5, Nepal

FY:-2076/077 Date: - 28 February, 2019

Ref No: 1280

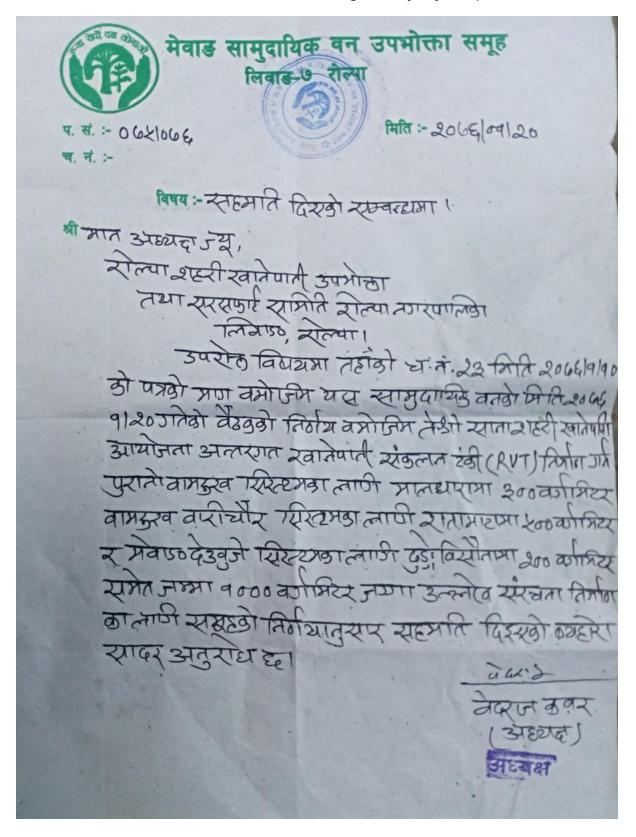
Sub: Regarding permission granted

Rolpa Sahari Khanepani Upabhoktta Tatha Sarsafai Sammittee Rolpa Nagarpalika, Libang Rolpa

With the reference to the above subject matter, as per the received letter on 26 February 2020, for the under implementation of Urban Water Supply and Sanitation Project in ward no. 1, 2 and 4, the Municipality has permitted to use of 382.5 sq. m public land for the construction of Reservoir tank for Shibalaya Bichbazar system located at Karing khola ward no. 4. According to Chapter no. 3, Clause no. 11 of local government implementation act 2074, Municipality has also permission to construct 10.08 km transmission main and 48.12 km distribution network pipe-laying work.

(Sabitra Pun Thapa)
Chief Executive Officer
Rolpa Municipality

e. Letter from Mewang Community Forest for Land Use (Construction of RVT for Purano Bamruk, Bamruk Badichaur, and Mewang Deubuje System)



Mewang Samudayik Ban Upabhoktta Samuha Liban-7 Rolpa

FY: 075/076 Date: May 3,

2019 Ref. No:

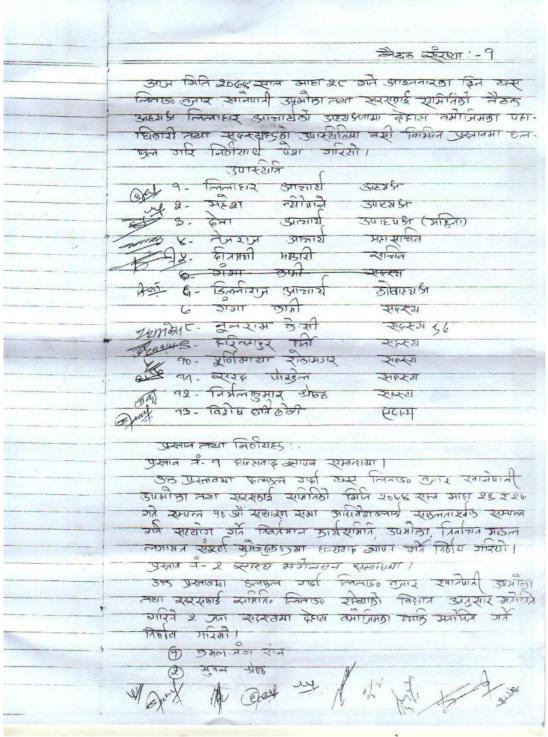
Sub: Regarding permission granted

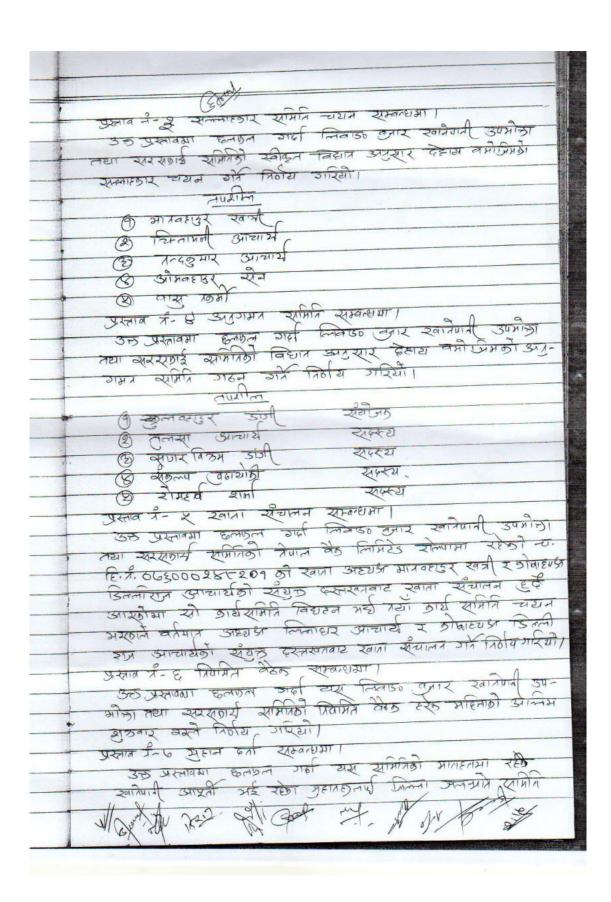
Mr. Chairperson, Rolpa Sahari Khanepani Upabhoktta Tatha Sarsafai Sammittee Rolpa Nagarpalika, Libang Rolpa

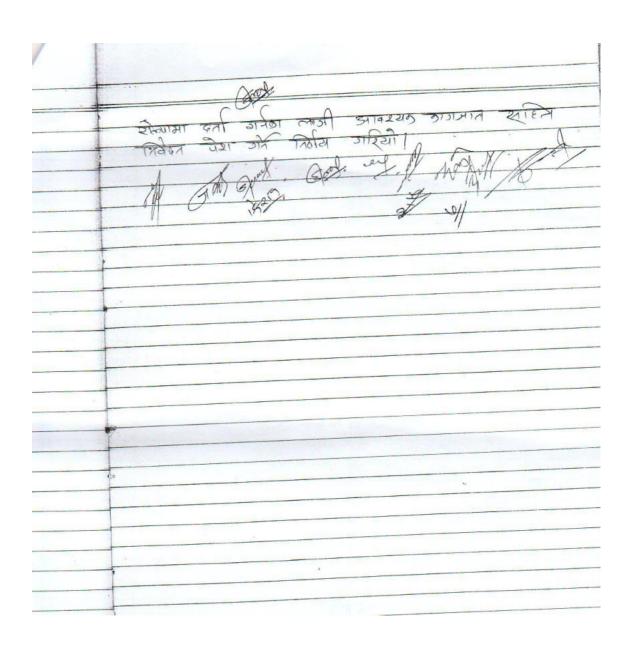
As per the request letter Ref: 23 on April 23, Mewang Samudayik Ban Upabhoktta Samuha had meeting on 2076/01/20 and decided to provide land to Rolpa Sahari Khanepani Upabhoktta Tatha Sarsafai Sammittee under Third Small Water Supply and Sanitation Sector Project to construct water reservoir tank (RVT) in Purano Bamruk System at Mulghara- 300 Sqm, Bamruk Barichaur System at Ratamata-500 Sqm. and Mewang Deubuji System at Dhunge-bisauni 200 Sqm. In total, 1000 Sqm. land has been provided.

Bedraj Kunwar Chairman

Appendix 2: Documents/Minutes Related to Land Acquisition







Today on Sunday dated 11th February 2018, in the presence of the following incumbents (office bearers) and members, a meeting of Liwang Bazaar Water Supply and Sanitation Committee is held under the chairperson of Mr. Liladhar Acharya and after discussing on various proposals, submitted for decision.

Presence

1.	Mr. Liladhar Acharya	Chairperson
2.	Mr. Mahesh Neupane	Vice Chairperson
3.	Ms. Deva Acharya	vice Chairperson (female)
4.	Mr. Tej Raj Acharya	General Secretary
5.	Mr. Dinamani Bhandari	Secretary
6.	Mr. Dilli Raj Acharya	Treasurer
7.	Mr. Ganga Karki	Member
8.	Mr Nun Ram K. C.	Member
9.	Mr. Hari Bahadur Gharti	Member
10.	Ms. Poorni Maya Roka Magar	Member
11.	Mr. Sharad Pokharel	Member
12.	Mr. Nirmal Kumar Shrestha	Member
13.	Mr. Bishes Gharti Chetri	Member

Agenda and Discussion

Agenda No – 1 Related to thanks given

While discussing on Agenda No 1, it has been decided to provide thanks to all well wishers including ex — executive committee, consumers election body, those who had helped in completing successfully the 10th General Assembly Meeting of Liwang Bazar Water Supply and Sanitation Committee which was held on 9th and 10th February 2018.

Agenda No -2 Related to Nomination of Members

While discussing on the above Agenda, it has been decided to nominate following 2 persons as members according to the statute (acts and rules) of Libang Bazar Water Supply and Sanitation Committee - Liwang, Rolpa

- 1. Kamal Jung Sen
- 2. Bhaban Shrestha

Agenda No – 3 Related to the formation of Advisory Committee

While discussing on the above Agenda no 3, it has been decided to have advisory body of following persons according to the statute (acts and rules) of Liwang Bazar Water Supply and Sanitation Committee.

- 1. Man Bahadur Khatri
- 2. Chinta Mani Acharya
- 3. Nanda Kumar Acharya
- 4. Om BAhadur Sen
- 5. Basu Nakarmi

Agenda No – 4 Related to Monitoring Committee

While discussing on the above agenda no 4, it has been decided to form a Monitoring Committee of the following persons as per the statute (acts and rules) of Liwang Bazar Water Supply and Sanitation Committee.

1.	Kul Bahadur Dangi	Coordinator
2.	Tulsa Acharya	Member
3.	Sagar Bikram Dangi	Member
4.	Sankalpa Budhathoki	Member
5.	Rom harda Sharma	Member

Agenda No – 5 Related to Account Operation

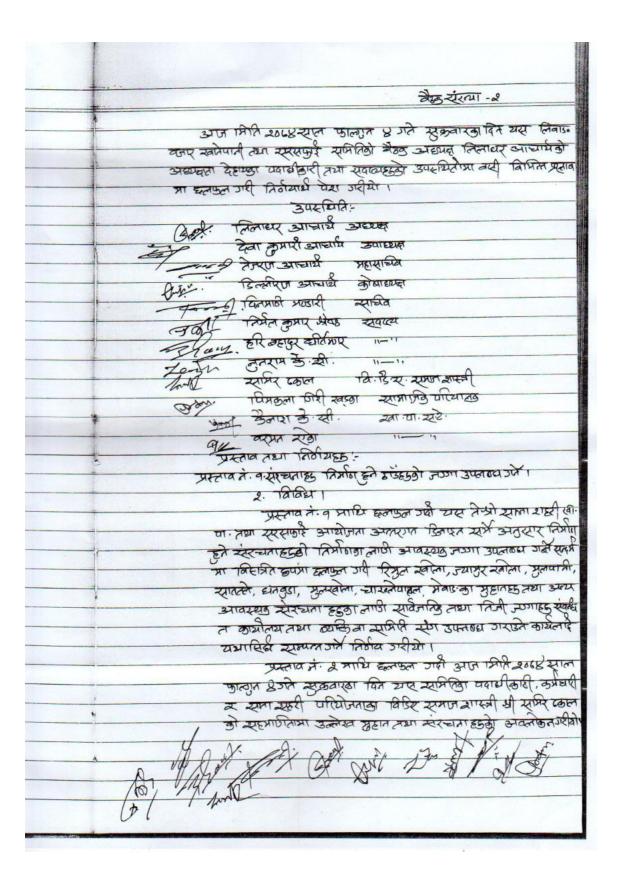
While discussing on the above agenda no 5, due to dismissal of working committee it has been decided to operate the current account no 076000248201 of Liwang Bazar Water Supply and Sanitation Committee in Nepal Bank Ltd stationed in Rolpa by the Joint signature of present chairman Liladhar Acharya and Treasure Dilli Raj Acharya as it was used to be operated by Joint signature of present chairman Man Bahadur and Treasure Dilli Raj Acharya.

Agenda – 6 Related to Regular Meeting

While discussing on the above agenda no 6, it has been decided to conduct the regular meeting of Libang Bazar Water Supply and Sanitation Committee on the last Friday of each month.

Agenda – 7 Related to register the source of water supply

While discussing on the above agenda no 7, it has been decided to submit an application together with necessary documents in the District Water Resources Committee, Rolpa for the registration of all sources are providing water under this committee.



Meeting No 2

Today on Friday dated 16th February 2018, a meeting of Liwang Bazaar Water Supply and Sanitation Committee is held under the chairperson of Mr. Liladhar Acharya and in the presence of members and after discussing on various proposals, and submitted for decision.

Presence

1.	Mr. Liladhar Acharya	Chairperson		
2.	Ms. Deva Acharya	Vice/Deputy Chairperson		
3.	Mr. Tej Raj Acharya	General Secretary		
4.	Mr. Dinamani Bhandari	Secretary		
5.	Mr. Dilli Raj Acharya	Treasurer		
6.	Mr. Hari Bahadur Gharti	Member		
7.	Mr Nun Ram K. C.	Member		
8.	Mr. Samir Dhakal	Sociologist (BDA)		
9.	Ms. Pim Kala Giri Khadka	Social Mobilizer		
10.	Mr. Kailash K. C.	Water Supply Com. Tech		
11.	Mr. Barman Roka	Water Supply Com. Tech		

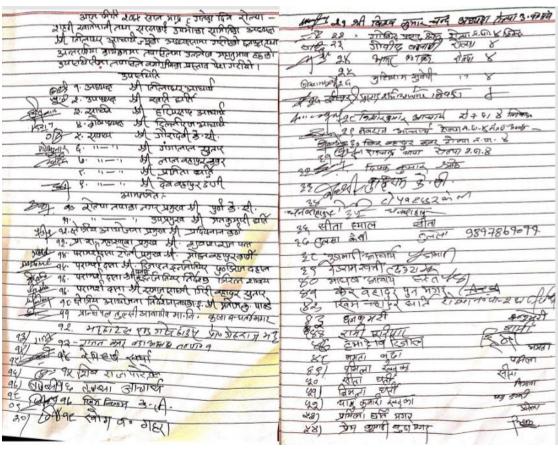
Agenda and Discussion

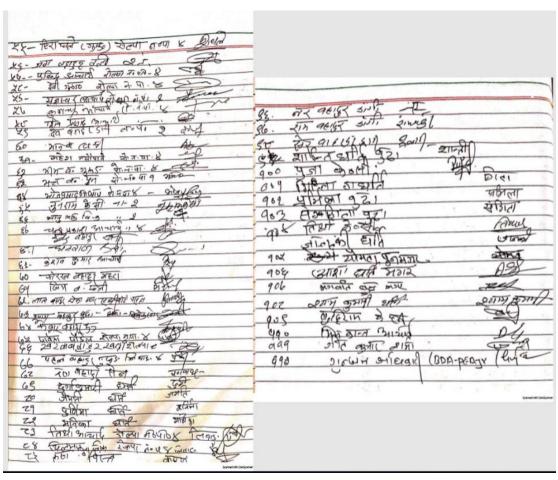
Agenda No – 1 Land to be acquired for the place where infrastructures are to be constructed

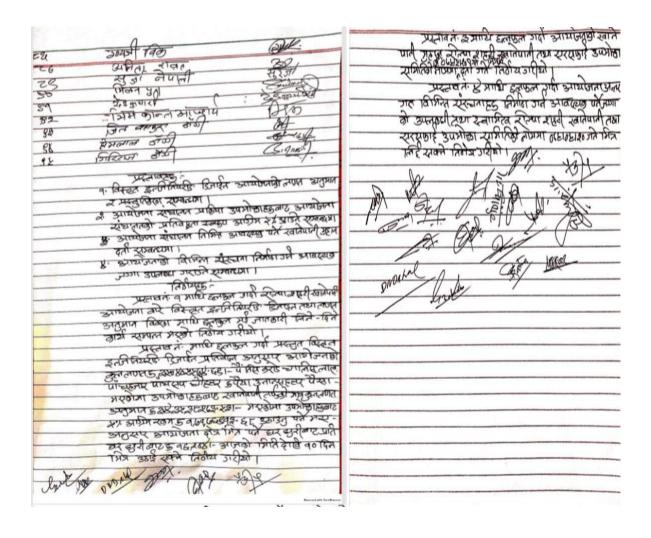
Agenda No – 2 General

While discussing on Agenda No 1, in connection with the necessary land to be acquired for the infrastructures to be constructed as per survey and design of this Third Small Town Water Supply and Sanitation Sector Project and after discussing in detail it is decided to acquired public and private lands at the earliest from the concerned offices, persons or committee for the sources (intake) of Rimul Khola, Jyamur Khola, Mulpani, Sattale, Dhan buda, Mul Khola, Chakhle patal, Mewang and for other necessary infrastructures.

While discussing on the above Agenda No 2, today on Friday dated 16th February 2018, in presence of BDA Sociologist Mr. Samir Dhakal of Third Small Town Sector Project committee members, office staffs made a site visit and observed the mentioned sources and structures.







More than 112 people were participated in the project awareness and facilitation program organized by BDA-PEA Jvin Rolpa Urban Water Supply and Sanitation Sector Project on 24 August, 2018. Among the 112 participants 78 were male and 34 were female. Out of total, 75 were Brahman/ Chhetri, 34 were Janajat, 5were Dalits and 1 others. The program was chaired by WUSC chairman Mr. Liladhar Acharya. Mr. Purna K.C. Mayor of Rolpa Municipality was presented in the program as a chief guest.

Following minute of meeting had been recorded:

- 1. Public consultation and discussion has been done and accordingly agreed and decision had been made on the presentation of detail engineering design report and tentative estimated cost of the Rolpa Water Supply and Sanitation Sector Project.
- 2. It was agreed and decided to collect 5% upfront cash (NPR. 17176913.68/ household sharing NPR.16204.64) out of total cost of water supply part NPR. 343538273.53 with in the ten days of this recorded minute of meeting. The total cost of the project was NPR. 350405574.69.
- 3. It was agreed and decided to register required water sources within 5 September 2018 in the name of Rolpa Urban Water Supply and Sanitation Sector Project.
- 4. It was also agreed and decided to acquire required land certificate from concern authorities within 5 September 2018 for the construction of project structures in the different site of Rolpa Urban Water Supply and Sanitation Sector Project.

उन्न त्रीते २०६६ हात्र वैश्वाव १९ जाते विहिवारवा वित यस त्रोत्या शहरी स्वानेपारी उपत्रोत्ता तथा स्रस्कार स्रोति का उत्सावन भी तिलाधर आचार्यको अवस्वता तथा तथा तथा है वमोजिन पहाहिकारी याद्याहाडी उपराधी तिमा बैरेड वसी-तपाप्त वनोजनका प्रस्तावहड जिल्लार पेश गरीयो। किन्ने क्लियाचार आचार्य आस्त्रक कार्य द्वारे हारि उपाष्ट्रक क्रिकार हिल्लीराम आचार्य जोसाइयस २४ जीमारेस र विकास नी उठाताल स्तार 11-11 المحاالا प्रामिता दाति रिकेट्ट लाम वहापुर उठ्र "-" चित्रक्ला छाटी ज्योग्रियल जीविलार्डन्य भी रेड प्रसाद आचार्य जायात्म सहायड भीना भरत रहते कार्यालय सहयोगी भी जिरी वहाइर सुनप् राजानि श्रास्ता वि BD A-PEAJV प्रस्तव हुड ! (व) जागा प्राण्तिको सहस्राते त्रिमे सम्बन्धामा श्चितिस । १२० विस्टिस प्रताल में 9 आही इलड्ल गरी नेशो शामा श्री कार्तेवामी आखामता संचालाका तारी विकिश हादेशा विक्रि संरन्यताहर तिन्ति गत्वते अएको ने स्टिन स्टाहर्दा हल्फल, सरामले गरी नगरा प्राप्तिने व्यवस्था द्रावेशहमतिकार पारीरा जारीयो । प्रतावतं 2 माथि इतकत जार्व यम रोल्या शहरी खालेपारी तथा स्राप्त उपनोत्ता सामित्वो अणापी वेश्व आवश्यवता अनुराद बहने जरी अजनो वेश्वितामा

On 2 May, 2019, a meeting of Rolpa Urban Water Supply and User Committee held. The meeting was chaired by Mr. Liladhar Acharya and following decisions were made in the presence of following participants.

Participants

- Mr. Liladhar Acharya, Chairperson
- Ms. Khati Gharti, Vice-chairperson
- Mr. Hariprasad Acharya, Secretary
- Mr. Dilliraj Acharya, Treasurer
- Ms. Garidevi K.C., Member
- Mr. Gangalal Sunar, Member
- Ms. Prajita Gharti, Member
- Mr. Lal Bahadur Kunwar, Member
- Mr. Dev Bahadur Dangi, Member

Invitee

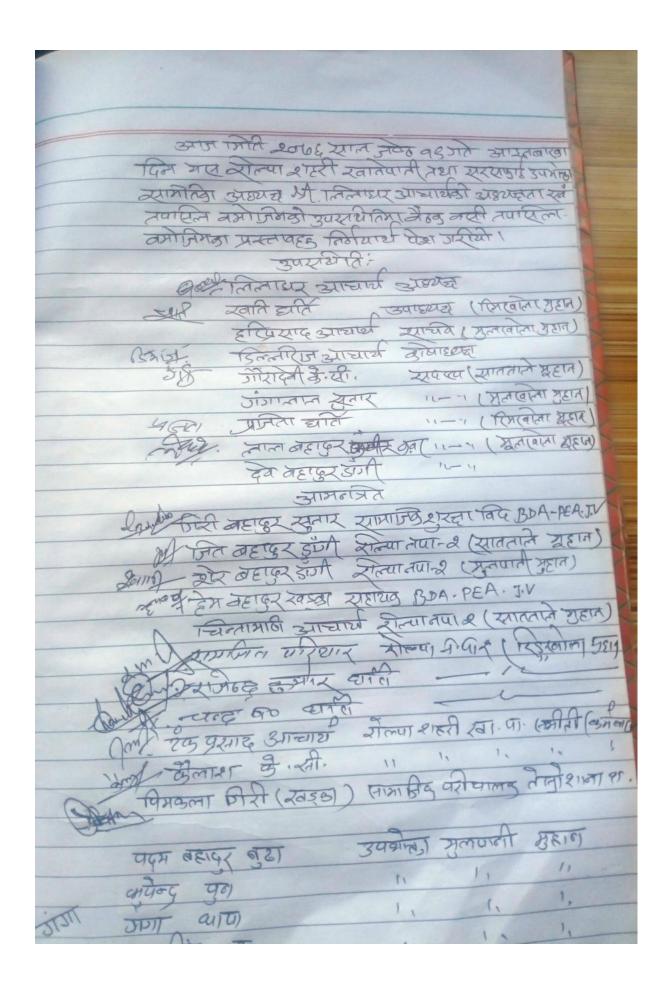
- Ms. Pimkala Giri, Social Mobilizer
- Mr. Tanka Prasad Acharya, Office Assistant
- Mr. Bharat Sunar, Office Assistant
- Mr. Giri Bahadur Sunar, Social Safeguard Expert-BDA/PEAJv.

Agendas

- 1. Regarding getting permission for land
- 2. Others

Decisions

- 1. It has been agreed to have consultation meeting with different stakeholders to get land for the construction of water supply structure under Urban Water Supply and Sanitation Sector Project.
- 2. It has been agreed to conduct meeting as and when requires.



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Sections -मुहातको पानी प्रयोग सम्बन्धमा । (9) विविध् र्वातेपारी र २वी पो देवि त्रिक्षिप्रमा अपना रशावार हार, डल प्रमासामा क्लिप्सहरू ! (३) शियात्रथ विचवनार् देनी तिर्मान राज्यात्रामा। Talast तिरेशियहर् :-प्रस्ताव मं. 9 माधि ह्ल्लफल जार्व दोल्या शहरी खातेपानी हो ताणी तें भी खातपारी द्याता शहरी खातेपारी आयोजना अलाग अन्तवाता, स्रातताले, अनपारी र रिम्रवाता महातडी पार्गाडी अर्था व्यम्बद्धी जानवारी जराउने युक्तकामा मुल्यनेता मुहातमा स्वला याम्या प्रतियोकेत ९: ३ ल्लाटर उत्पादम हुने य खानेपानिहाताण ६ र्लाटर प्रतिरावेष प्रयोगाते य सी रहातमा वृत्तीमा उत्पा त अखु बाती खाती खातेपातीमा प्रथण तमते, खातताने मुहात मा 93, ६ किट्र पार्त उत्पादत हते खातेपार्तमा ६. ६६ मा य प्रयोग गते, अत्यानीमा १४ ६ ल्याटर उत्यादन होते खाते-वातीमा ४ ३ ल्लाट्ट प्रयोग जाते त्यह्ते शिखालामा ४ ३ लीव उत्पादत हुने द्वातेपातिमा ३.०८ हिन्द्र प्रयुण जाते। मुनपाती मा प्रयोग अस्त्री सामुदायि हार् सूर्य का रार्वी शर्मी मुहात अल्लरात प्रका रिचाई र अल्य प्रयोजना लाछी छोड़ दिने जातवारी अखें। ह्वा उल्लेख कुरामा अागात्री वितमा कुते विष्णिको विवाद य वाधा अस्पत मुद्राउने व यो दुरामा स्राप्दायमा चित्त नुमुने हुंवा पहल निर्वाय गरीयो । प्रस्ताव ते श्रमाधि ह्लाफुल गर्वा खातेपारी रखाते-पानी देवि निर्माण देशल अल्परात मुलपानीमा देखिली हरव सार्वनामि स्त्यालामा पते र हमता सामुद्राये अखनेहंता क्रावायिक्षायम रार्वेत त्यस्ते कार्शेखक थालियाक देवि निर्माण र्थलमा दाविएडो दार यस उपमोला सामितिवा वर्मचारी के ताश के सी को भएको सो छार भिद्धि दिचए मा तानि देखिरतावात दारताई करे अला काते र उत्ती यशानमा भएका उल्लेह्यमेत कुर्ने अयूर नात तिर्वाव जारीयो ।

प्रस्ताव तं. ३ मार्थ हलापुल जावी शिवालय विद्यवनप्रेवी क्षेत्राहण्ड आत्राह निर्म देश्याट अणक्षण्ड गायत्त विलाक हाराविति इलपुल जादी उल्लेख नका उपल्ला इत न एकने हे लिखीने सी श्यातनी तानि क्रिकार वनार स्वानेपानी तथा सरसाम अमिका व्यक्ति हैं ही रहें क्यातमा है हैं तिमीम उत्ते किर्य अरीमी। प्रस्ताव तं. क्षेत्राष्ट्रि इलफ्त जार्व यस दोला शहरी खवानेवारी तथा खरसाकाई उपभोक्ता सामितिकी मेठव आवस्था अतुस्मार वरने जारी आजनी वेंख सम्पत्त जाते तिर्वाय जारीयो,

A meeting of Rolpa Urban Water Supply and Sanitation User Committee was held on 31 May, 2019. The meeting was chaired by Mr. Liladhar Acharya, WUSC chairperson. In the meeting following participants were participated and accordingly raised agenda were discussed and decided to implement.

Agendas

- 1. Regarding use of 4 downstream water sources
- 2. Regarding huts, houses, trees around the proposed reservoir tank construction area
- 3. Regarding Shivalaya-Bich Bazar reservoir construction
- 4. Others

Decisions

- 1. Discussion and consultation meeting has been conducted with 4 downstream water source user groups (Mulkhola, Sattale, Mulpani and Rimkhola). After the meeting, a consensus has been made that Rolpa Urban Water Supply and Sanitation User Committee can use 6 liter per second water out of 9.3 per second water production in Mulkhola Muhan, 6.66 liter per second water out of 13.6 liter per second produce in Sattale Muhan, 4.3 liter per second water out of 14.6 liter per second water produce in Mulpani Muhan and 3.08 liter per second water out of 5.3 liter per second water produce in Rimkhola Muhan. Apart from that, it was also agreed that the existing community water pipe at Mulpani and other irrigation system will not disturbed during construction time and after and there will be no debate on the use of 4 downstream water sources in future.
- 2. During discussion on the agenda no 2, the meeting had verified that the existing water pipe and tree at Mulpani belongs to community. It will not be demolished or removed from the site during and after the completion of project work. Similarly, the existing house at the site of Thalibang-Kavrekharka belongs to Mr. Kailash KC, staff of WUSC. The house may see closer in the picture or video but the house of Mr. KC is away from the proposed reservoir tank site. The scene tree will not demolish during and after construction and it will not disturb the construction process.
- 3. WUSC members were not able to make agreement with Mr. Lekhnath Acharya to acquire land which was proposed for reservoir tank. In alternative of that proposed land, the meeting had made consensus to use the land of existing reservoir which falls near to the proposed site of Mr. Acharya.
- 4. Finally, it has been agreed to conduct meeting as and when required.

निष्वतम्त्याप्तिमा द्वललेव मानिएहरु हामी क्या जिला दिल्या तपा श्रमित मिता बुश

Consensus document on making public toilet in Rithapata, Ward No: 2, Rolpa Municipality

On August 4, 2019, a consultation meeting was held to discuss on the topic of making public toilet at Rithapata in Reugha, Ward No: 2 of Rolpa Municipality. The meeting's participants had declared that there is no objection while making public toilet in their locality. The making of public toilet under Rolpa Urban Water Supply and Sanitation Sector Project will not disturb/effect them and seen water tape's structure in the public toilet location is old and non-functional. If anything goes against as mentioned in minute, we following people are ready to accept legal charge and accordingly ready to payback for it.

Attendance

- 1. Meena Budha
- 2. Prajita Gharti
- 3. Devchand Thapa Magar
- 4. Ramjit Pariyar
- 5. Rajendra Kumar Gharti
- 6. Chandra Bahadur Gharti

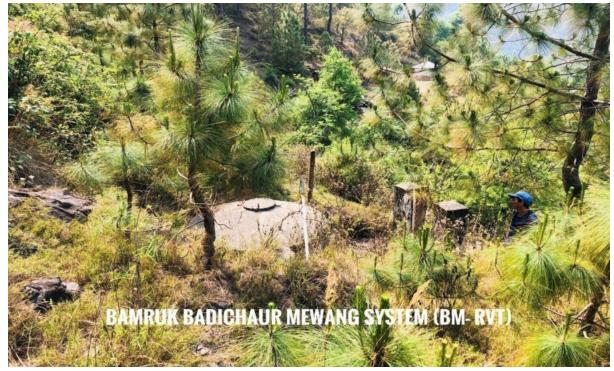
Appendix 3: Photographs



1. Proposed Mulkhola Source for Sump Well, Intake, and WTP.



2. Proposed Purano Bamruk (RVT) under Mulkhola.



3. Proposed Bamruk Badichaur RVT under Mulkhola.



4. Proposed Mewang Deubuje RVT under Mulkhola.



5. Proposed Tudikhel Solowang RVT under Mulkhola.



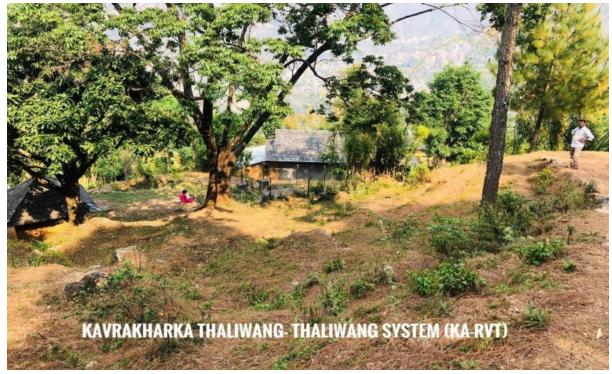
6. Proposed Rim-Khola Source for Intake and WTP.



7. Proposed Siwang Reuga RVT under Rim-Khola.



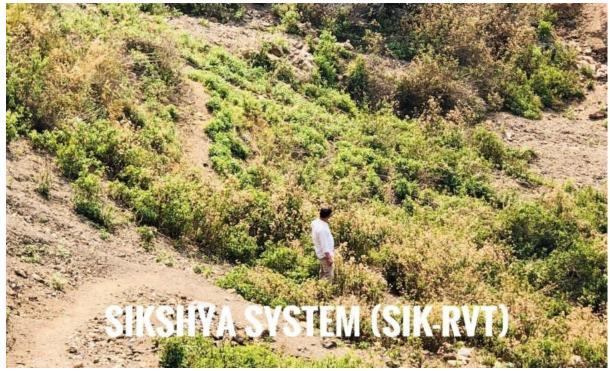
8. Proposed Mulpani Source for Intake, Guard House and WTP.



9. Proposed Kavrakhaka Thaliwang RVT under Mulpani.



10. Proposed Sattale Source for Intake and WTP.



11. Proposed Sikshya System RVT under Sattale.



12. Proposed WUSC Building Site.



13. Proposed site of RVT for Shivalaya Bich-bazzar System.



14. Proposed site for Public Toilet at Rithapata, Ward No. 2, Rolpa Municipality.



15. Discussion/Interaction with WUSC members and Beneficiaries.



16. WUSC Meeting at Municipality.



17. Consultation Meeting with Four Different Downstream Water User Groups.



18. Distribution Network Area.



19. Distribution Network Area.



20. Liwang Bazzar-Rolpa.

Appendix 4: Social Safeguard Screening Checklist

Country	Nepal	
Subproject Name	Libang, Rolpa Urban Water Supply and	d Sanitation (Sector) Project
Date	March, 2020)	

I. Resettlement Impact Checklist

(Note: Involuntary Land Acquisition is not required for the town project)

A.	Probable Resettlement Effects	Yes	No	Not Know n	Remarks
Ac	quisition of Land			•	
1.	Will there be land acquisition?		√		Nearly 5325 square meters of land is required for different project components such as intakes, Treatment units, RVTs and public toilet. WUSC already received land use permission from concern stakeholders.
2.	Is the site for land acquisition known?				Not applicable, No land acquisition required. All 14 sites have been identified and it belongs to either Community forest or Municipality.
3.	Is the ownership status and current usage of land to be acquired known?				Not applicable
4.	Will easement be utilized within an existing Right of Way (ROW)?				The pipe laying will be carried out along the existing Right of Way of government roads/lands
5.	Will there be loss of shelter and residential land due to land acquisition?		V		Proposed land is Public vacant. So, there will not any loss of shelter and residential land
6.	Will there be loss of agricultural and other productive assets due to land acquisition?		V		Proposed land is Public vacant. So, there will not any loss of agricultural and productive assets

7.	Will there be losses of crops, trees, and fixed assets due to land acquisition?		√		Proposed land is public and vacant. Proposed land of community forest is also vacant. No need to cut down trees. So, there will not any losse of crops, trees and fixed assets
8.	Will there be loss of businesses or enterprises due to land acquisition?		V		
9.	Will there be loss of income sources and means of livelihoods due to land acquisition?		\checkmark		
Inv	oluntary restrictions on land urks and protected areas	ise or o	n acce	ss to I	egally designated
10.			\checkmark		There is no designated park and protected area in or near to the project. The land to be obtained is mostly public land with some bushes. Since loss of vegetation will be insignificant, local people will not lose access to natural resources.
11.	If land use is changed, will it have an adverse impact on social and economic activities?		V		No adverse impact on social and economic activities
12.	Will access to land and resources owned communally or by the state be restricted?		V		No, land and resource will not be restricted by communally and local government. For 3 RVTs land owned communally are identified. Though, Mewang community forest committee has permited to WUSC for land use.
	ormation on Displaced rsons:				
A	Any estimate of the likely numbe displaced by the Su	ibprojec N/A	t?		[√]No []Yes
Al	e any of them poor, female-head to poverty	risks?	usenol	us, or v	rulnerable N [√]o [] Yes
	Are any displaced persons from ethnic minority grou	n indige ıps?	nous o	r	N [√] o [] Yes

II. Indigenous Peoples Impact Screening Checklist

	KEY CONCERNS			NOT	
(Please provide elaboration of the Remarks	YES	NO	KNOW	Remarks
	column)			N	
Ind	igenous Peoples Identification				
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?	√			The service area of the subproject 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 (30.75%) and Dalit (14.33%) in subproject areas are socially, economically and politically integrated into the mainstream society.
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?	V			Society.
3.	Do such groups self-identify as being part of a distinct social and cultural group?		√		
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		
5.	Do such groups maintain cultural, economic, social, and political institutions distinct from the dominant society and culture?		V		
6.	Do such groups speak a distinct language or dialect?	1			The ethnic groups in the service area speak their own distinct languages,

				but Nepali	is spoken
				as	common
				language.	
7.	Has such groups been historically, socially and economically marginalized, disempowered, excluded, and/or discriminated against?			N/A	
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?	√			

III. Identification of Potential Impacts

(Please provide elaborations of the Remarks	YES	NO	NOT KNOWN	Remarks
9. Will the subproject directly or indirectly benefit of target Indigenous Peoples?	r			The subproject directly benefits the Indigenous i.e. Janajati because all the beneficiaries will get water supply service irrespective of their ethnicity/caste and economic status. Poor indigenous people will be benefitted from OBA service. Therefore, the impact on indigenous people will be positive increasing the access to safe drinking water and sanitation facilities. No adverse impact to indigenous

			peoples group is anticipated.
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)	√	
11.	Will the subproject affect the livelihood systems of Indigenous Peoples? (e.g., food production system, natural resource management, crafts and trade, employment status)	√	
12.	Will the subproject be in an area (land or territory) occupied, owned, or used by Indigenous Peoples, and/or claimed as ancestral domain?	V	
	dentification of Special Requirements the subproject activities include		
13.	· ·	√	
14.	Physical displacement from traditional or customary lands?	√	
15.	Commercial development of natural resources (such as minerals, hydrocarbons, forests, water, hunting or fishing grounds) within customary lands under use that would impact the livelihoods or the cultural, ceremonial, spiritual uses that define the identity and community of Indigenous Peoples?	1	
16.	Establishing legal recognition of rights to lands and territories that are traditionally owned or customarily used, occupied or claimed by indigenous peoples?	√	
17.	Acquisition of lands that are traditionally owned or customarily used occupied or claimed by indigenous peoples?	٨	

IV. 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 Intakes (4nos) Treatment units (4 nos) Proposed RVTs (8 nos) Office Building Public Toilet	The subproject directly benefits the Indigenous i.e.Janajati because all the beneficiaries will get water supply service irrespective of their ethnicity/caste and economic status. Poor indigenous people will be benefitted from OBA service. Therefore, the impact on indigenous people will be positive increasing the access to safe drinking water and sanitation facilities. No adverse impact to indigenous peoples group is anticipated.	None
2.Pipeline Network: includes excavation, pipe laying and backfilling for transmission mains and distribution network as following Transmission main of 10.071 Km Distribution pipe network of 48.12 Km	The subproject directly benefits the Indigenous i.e.Janajati because all the beneficiaries will get water supply service irrespective of their ethnicity/caste and economic status. Poor indigenous people will be benefitted from OBA service. Therefore, the impact on indigenous people will be positive increasing the access to safe drinking water and sanitation facilities. No adverse impact to indigenous peoples group is anticipated	None

Appendix 5: Approved Poverty Calculation Sheet for OBA implementation

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	Adopted from NLSS-III, 2010/11
2	2011-12	20859	8.3	100123.20	8343.60	1738.25	
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	

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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 smartysis.
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	
4.	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 Annax.	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.



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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
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:

5.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.



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