Involuntary Resettlement and Indigenous People Due Diligence Report

Document stage: Updated Project Number: 35173-015

March 2020

NEP: Urban Water Supply and Sanitation (Sector) Project – Pragatinagar

Package number: W-10

Prepared by Department of Water Supply and Sewerage, Ministry of Water Supply, Government of Nepal for the Asian Development Bank.

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NOTE

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CURRENCY EQUIVALENTS

(as of 04 March 2020)

Currency unit - Nepalese Rupee (NRs)

\$1.00 = NRs116.60 NRs1.00 = \$0.0085

WEIGHTS AND MEASURES

cum - cubic meter km - kilometer

lps - litre per second mm - millimeter sq. m - square meter

ABBREVIATIONS

ADB - Asian Development Bank
DDR - Due Diligence Report

DWSSM - Department of Water Supply and Sewerage Management

OBA - Output-Based Aid
ODF - Open Defecation Free
OHT - Over Head Tank

PMO - Project Management Office

RDSMC - Regional Design, Supervision and Management Consultant

RPMO - Regional Project Management Office SDG - Sustainable Development Goal

TDF - Town Development Fund

UWSSP - Urban Water Supply and Sanitation (Sector) Project

WDSMC - Western Design, Supervision and Management Consultant

WUSC - Water Users and Sanitation Committee

WSS - Water Supply and Sanitation WUA - Water Supply Association

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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.³
- 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.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 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

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

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.

³ 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

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

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 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 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. 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. 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 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 draft land acquisition, involuntary resettlement due diligence report (DDR) is prepared for the proposed Pragatinagar 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 required to undertake a review of this due diligence, prepare a confirmation letter or report documenting

⁷ 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.

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).

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, implementation along with their operation and maintenance activities. Demand responsiveness is demonstrated by willingness to pay for improved service delivery and ultimately aims at 30% cost recovery. Community management is essential for community empowerment so that the community can take full responsibilities on financial, technical and managerial aspects related to operation and maintenance.

II. SUB-PROJECT DESCRIPTION

A. Location and Accessibility

- 11. Pragatinagar is located about 159 km west of Kathmandu and 96 km west from Butwal. It takes about 2 hours and 30 minutes' drive from Butwal to Pragatinagar project municipality. Pragatinagar subproject area lies in Rapti Rural Municipality of Dang district, province no-5 of Western Nepal. The area is surrounded by two rivers named Bahulaha Khola (River) in the east and Lokaha Khola (River) in the west. Pragatinagar subproject proposed to cover ward numbers 5, 7 and 8 of Rapti Rural Municipality. It is surrounded by Arghakhanchi district in the East, Bangachuli Rural Municipality in the North, Lamahi Municipality in the West and Gadhawa Rural Municipality in the South.
- 12. Dang District is bordered by India in the south and province 4, 7 and 6 in the east, west, and north respectively. Bardiya National Park and Banke National Parks cover a considerable part of the province. The rivers Karnali, Bheri, Rapti, and Babai drain the province. Sikta irrigation project and Babai irrigation project have benefited the agricultural production of the province. The land is very fertile. The major crops are paddy, mustard, wheat, maize, cotton, etc. The availability of abundant natural resources, religious sites like Lumbini, Bageshwori, Thakurdwara, Resunga, and Swargadwari are the major tourist attractions. The main trade centers are Nepalgunj, Kohalpur, Tulsipur, and Gulariya.

B. Socioeconomic Profile of Project Area

Service Area, Households and Population

13. Service area establishment has been done as per the field survey which consisted of ward no 5, 7 and 8 of Rapti Rural Municipality in Dang district. While carrying out the household survey, the local leaders and beneficiary community have identified the exact service area to be considered in the proposed project. Demographic details based on the household survey carried out by the consultants are provided in the Table 1.

Table 1: Major Settlements, Households and Total Population by Ward

			Population								
Municipalit	Ward No.	Household s		Permane	ermanent Tenants G			Grand Total			
у			Male	Female	Total	Male	Female	Total	Male	Femal e	Total
	5	862	2349	2353	4702	50	53	103	2399	2406	4805
Rapti Rural	7	326	954	929	1883	1	1	2	955	930	1885
Municipality	8	968	2735	2588	5323	16	14	30	2751	2602	5353
Total	l	2156	6038	5870	11908	67	68	135	6105	5938	12043

Source: Socio-economic Survey, August 2017

14. The Pragatinagar subproject service area is mosaic of multi-caste/ethnic groups. Each caste and ethnicity are characterized by its own customs, traditions, culture and nature of occupation with which they are associated. The project area comprised of 75.0% Janajati which is the dominant caste group in the service area. Brahmin/Chhettris are the next major group with 19.2 percent, and Dalits which constitutes about 4.6 percent.

Table 2: Caste/Ethnicity of Project Area

Eu	Population								
Ethnicity	Male	Female	Total	Percentage	Average household size				
Bharmin/Chettri	1180	1119	2299	19.2%	5.6				
Janjati	4545	4451	8996	75%	5.6				
Dalit	237	237	474	4.6%	4.7				
Other	76	63	139	1.2%	5.3				
Total	6038	5870	11908	100%	5.5				

Source: Household Survey, August 2017

PROJECT AREA MAP OF NEPAL KACAPANI SYSTEM PIPARE SYSTEM DANG DISTRICT THE ST. S. DESCRIPTION

KALAPANI SYSTEM

PPARI SYSTEM Project Management Office Third Small Towns Water Supply & Sanitation Sector Project Department of Water Supply & Sewerage Panipokhari, Kathusanda Team Leader | Shiva Ratna Rajbaha DRG NO: SIS/GE/LM/01 BMALL TOWN WATER SUPPLY A BANITATION SECTOR PROJECT PLANE ENGINEERS & ARCHITECTS PVT. A.T.B.

Semandi. Keltmanda, P. O. Ben 2012

Tat: 237701, 246200, Par. 1972. 5-233330

P. E.

Figure 1: Project Location Map

Dhrube Raj Shams

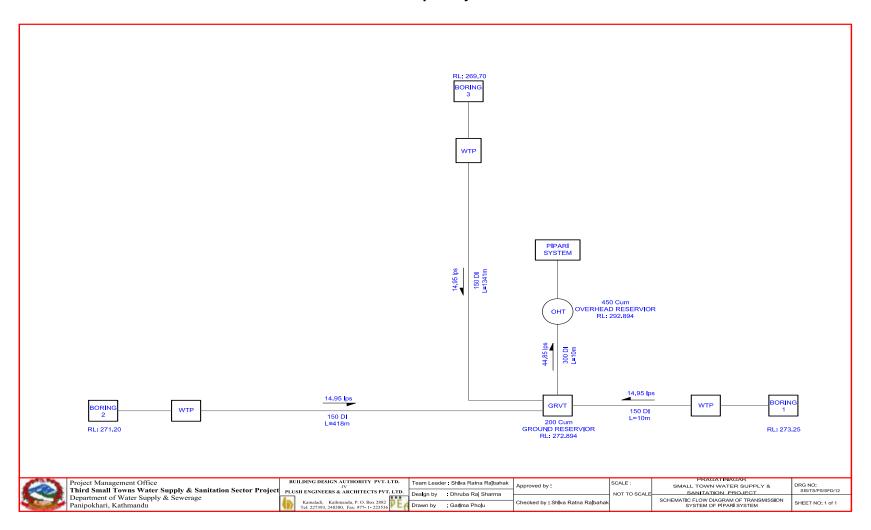
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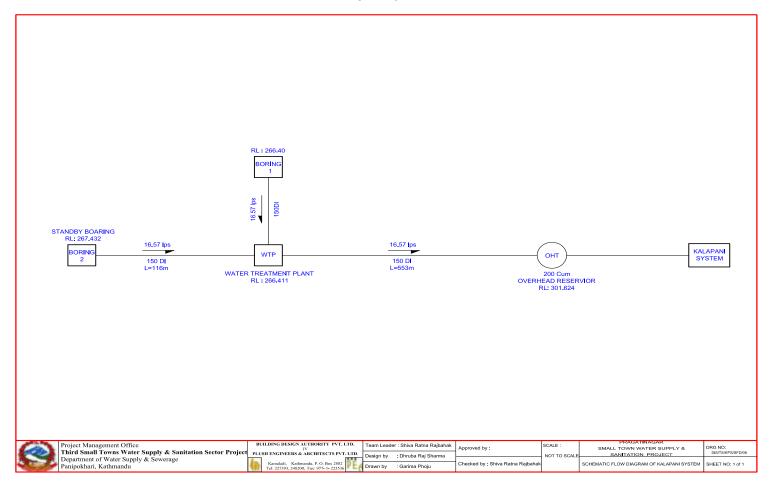
LOCATION MAP (PROJECT, AREA MAP)

SHEET NO: 1 of 1

Figure-2: Project Schematic Diagrams
Pipari System



Kalapni System



C. Design Concept and Project Components.

i. Description of Proposed Subproject Component

- 15. This due diligence report is prepared for Pragatinagar Water Supply and Sanitation Subproject, under the Urban Water Supply and Sanitation Sector Project (UWSSP). This section describes the components of the proposed sub-project. Pragatinagar Urban Water Supply and Sanitation Project has been designed as a piped water supply system using ground water as source with pumping system. Based on the topography, settlement pattern and suitable location for tube well, two water supply systems based on decentralized distribution system is adopted. Below is the subproject description:
 - a. Kalapani System: It will be a pumping system. This system is proposed to serve northern part of Dolai River in Kohalwa-Jutpani, Kalapani, Singe, Paharwaha and Lathuwa areas, wards 5 and 8 of Rapti Rural Municipality. This system is designed to cater 10,131 permanent residents and 21 persons living in rental accommodation (total 10,152) population. The groundwater will be extracted through tube wells located in Kalapani. The land is owned by Kalapani Community Forest. The required land size is 1,013.53 sq.m and accordingly, land is available. The water will be pumped from tube well to the 200 cum overhead RCC reservoir. The water from the overhead reservoir will be supplied to the service areas through gravity.
 - b. Pipari System: It will be a pumping system. This system is proposed to serve the southern part of Dolai River in Bijauri, Baraki-Sisaniya, Jitpur. Pipara, Pipari, Pragatinagar and Kamal Road areas of ward number 5, 7 and 8 of Rapti Rural Municipality. The system is designed to cater 28,435 permanent residents and 247 persons living in rental accommodation with 28,682 total population. The groundwater will be extracted through tube wells located in the east of Shankar Community Building. The land is owned by Shankar Community Forest, the required land size is 1,174.25 sq. m is provided for the construction of project structures. The water will be pumped from tube wells to the 250 cum ground RCC reservoir. The water from the ground reservoir will be pumped to the 450 cum overhead RCC reservoir so that sufficient head is available at the consumers' area. The water from the overhead reservoir will be supplied to the service areas through gravity.

The major proposed water supply components of the subproject are given in table below.

Table 3: Major Proposed Components of the Project

			Capacity/	
S.N.	Component	Sub-component	Length/Number	Remarks
				1 stand
1	Deep Tube Well	Kalapani Bore Hole-2	17.67 lps	by
'	Deep Tube Well			1 stand
		Pipari Bore -3	2*26.42= 52.84 lps	by
		For Kalapani System		
	Treatment Facility	Lime Dosing Unit	1	
2		Aeration Tower	1	
		Pressure Filter	2	
		Disinfection Unit	1	

S.N.	Component	Sub-component	Capacity/ Length/Number	Remarks
	•	For Pipari System		
		Lime Dosing Unit	2	
		Aeration Tower	2	
		Pressure Filter	4	
		Disinfection Unit	1	
3	Sump Well	Sump well in Kalapani System	10 cum	
		For Kalapani System		
		Pumping from Deep Tube well to sump well	2 / 40 kW	1 stand by
		Pumping from Sump well to OHT	2 / 12 kW	1 stand by
4	Pumping	For Pipari System		,
		Pumping from Deep Tube well to Ground Reservoir	3 / 60 kW	1 stand by
		Pumping from to Ground Reservoir to OHT	2 / 30 kW	1 stand by
	Storage Reservoir	Proposed R.C.C Overhead tank for Kalapani system	200 cum, 25 m height	
5		Proposed R.C.C Ground Reservoir tank for Pipari system	200 cum	
		Proposed R.C.C Overhead tank for Pipari system	450 cum, 20 m height.	
6	Transmission mains	Transmission mains for all systems	0.717 km length DI pipes are used	
7	Distribution	Distribution network for all	Approx. 66.446 km length	
7	network	systems	DI pipes and HDPE pipes ranging from 50 mm to 225 mm are used	
8	Generator/Operato r House		2	
9	Office building/ Laboratory room		1	
10	Guard House		2	
			6 numbers of valve chamber of Type- I (1500x900x1000)	
11	Valve Chambers		119 numbers of valve chamber of Type- II (900x900x1000)	
			20 numbers of pipe valve box (125 mm diameter)	

S.N.	Component	Capacity/ Component Sub-component Length/Number		Remarks
12	Sanitation Component	Public Toilet	100 sq. m (5 urinals and 2 pans for male users, 4 female units in a separate compartment from the men's toilet)	

ii. Sanitation Improvement Component

a. Individual Household Toilet Improvement:

16. The sanitation component includes the individual household toilet improvement. During the socio-economic survey, households from low income level in the community have constructed pit latrines made from bamboo and shrubs cover. Others use temporarily bamboo, wooden post, etc. for their latrines in which wall of pits is found not properly protected. Based on the survey, 141 households have been found having pit latrine. Hence, the low-income level households are encouraged to construct toilets using the OBA grant. For the improvement and construction of household toilet, the house owners will provide the land. Therefore, land acquisition is not required for household toilet. 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 identifying after the joint field verification by Water User and Sanitation Committee, 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**

b. Public Toilet:

17. One public toilet is proposed in this subproject. Toilet will have 5 urinals and 2 pans for male users, 4 female units in a separate compartment; along with the unit for persons with disability and all-gender use. The location of public toilet is Rapti Rural Municipality wards no 8 with an area of 100 sq. m. The land is sufficient for construction of public toilet. Ward office has provided the consent letter to construct the toilet in public land. Consent letter is attached in **Appendix 1e.**

KALAPANI BYSTEM PIPARI SYSTEM LEGEND. FOOT TRACK RIVER

Figure 2: Map Showing Service Area of Pragatinagar Subproject, Dang

III. FIELD WORK: SURVEYS AND PUBLIC CONSULTATION

A. Outline of field work

- 18. Desk review, field visit, observation and consultation are the methodologies adopted for undertaking due diligence. Relevant reports and documents available at PMO/DWSSM, WRPMO, WUSC office and reports prepared by Western Region Design Supervision and Management Consultant (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:
 - Detailed Engineering Design Report,
 - Socio-economic profile prepared by WRPMO.
 - WUSC minutes and documents
 - ADB Safeguard Policy Statement SPS 2009

B. Public Consultation

- 19. Project sites visit in major settlements/clusters in the service area were conducted as another step for the study. Several field visits were made to assess the potential impacts on involuntary resettlement and indigenous peoples.
- 20. Direct observation and interaction with local people likely to be affected by project construction activities was carried out during field visit. Consultations with key stakeholders also were carried out in line with ADB's requirements related to environment and social safeguards. During the consultation, key concerns of people related to the project were discussed. The details of field visit and interaction are presented below in Table 4.
- 21. During the field visits to all proposed sites and pipeline alignments, potential impacts and mitigation measures were assessed and discussed with the stakeholders. The consultations helped to identify the felt needs/concerns and priorities of the stakeholders.
- 22. Consultation and meetings were conducted with the WUSC, local community and different stakeholders since subproject preparation i.e. inception phase to date at different stages to disseminate 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 were mainly covering information dissemination about the subproject and its scope, cost sharing modality, likely positive and adverse impacts, and provisions in Resettlement Framework of the project if land acquisition is required for implementation of the subproject, and procedures of compensation valuation and payment of compensation, grievance redress mechanism, and local concerns and recommended mitigation measures.
- 23. As depicted in the table below, five major meetings and interactions were held during the course of preparation of this report in different time with 205 (Male-162 and Female-43) participants. The main participants were rural municipality chairperson, executive officer and members of Water Users and Sanitation Committee (WUSC) as well as common beneficiaries

of the project. The major agenda of the discussion were disseminating project concept and modality with land requirement for the project purpose. The minutes of the meetings are attached in **Appendix 2**.

Table 4: Summary of Consultations

	rubic 4. Cullinary of Consultations									
S. N	Date	Location	No. of Participants	Topics Discussed	Concerns/Issues Raised					
1	02 June, 2019,	Pragatinagar	27 (Male: 23 Female:4)	-Landownership documents -WUSC office building site verification -Public toilet - Alternative land for office building and 450 Cum overhead reservoir tank and 200 Cum ground reservoir -Alternative for boring location	WUSC office building site verification					
2	25 August, 2018	Pragatinagar	23 (Male:13 Female:10)	- Project information dissemination -Upfront cash collection	Upfront Cash Collection					
3	8 April, 2018	Pragatinagar	66 (Male: 46 Female:20)	-About socio-economic detail presentation -About detail engineering design presentation -About upfront cash collection -About acquiring documents for the construction of water supply structures	About upfront cash collation					
4	11 Oct 2017	Pragatinagar	47 (Male:43 Female:4)	-Regarding land use permission of Shankar Secondary School for TWSSSP	No issue raised					
5	11 Oct 2017	Pragatinagar	42 (Male: 37 Female:5	-Regarding land use permission Shiva-Mandir for TWSSSP	No issue raised					

IV. LAND AVAILABILITY, INVOLUNTARY RESETTLEMENT AND IDIGENOUS PEOPLE IMPACT

A. Findings

- 24. Approximately, 7210.4 sq. of land is required in the three different sites of the project. The WUSC has obtained the land in all three proposed sites. All other water supply components such as transmission mains and distribution network are proposed on government land and within public road rights-of-way.
- 25. For Kalapani site, in Rapti Rural Municipality, ward no 5, almost four Kattha (1354.48 sq.) land is required for Deep boring, Treatment Unit, Sump Well, 200 Cum OHT and Generator Operator/Guard House construction. The land belongs to Kalapani Community Forest. Though the land is a forest area, there are only some herbs on the site. No public or private structure is present on site which is vacant and unused. The land is also free of informal users or encroachers. Therefore, no involuntary resettlement impact is anticipated. The WUSC has received letter of consent for use of land, which is attached in **Appendix-1c.**
- 26. For the treatment unit, approximately 338.63 sq. m of land is required at Piparichowk site. This site is located within the area of Shankar Community Forest building. There are no trees in the proposed land, thus, none will be affected or lost. The land is free of informal users or encroachers. Therefore, there is no involuntary resettlement impact due to project construction activities is anticipated. Shankar Community Forest Users Group has been given the consent to WUSC for use of 1Kattha land; consent letter is attached in **Appendix-1d.**
- 27. For the treatment facility of Pipari system, a total of 338.63 sq. m land is required. For the 450 cum OHT, 200 cum GRVT, guard house and office building, approximately 2031.72 sq. m of land is required. Land has been identified and accordingly certification **Appendix-1b** has been obtained from ward office of Rapti Rural Municipality.
- 28. At Pipari Shiva Mandir site, nearly 1015.89 sq. m of land is required for the proposed of deep boring. There are two plots of land; one plot with an area of 2 Kattha 10 Dhur is under ownership of Shiva Mandir and another 10 Dhur land belongs to Shankar Secondary School. The Shiva Mandir site is vacant land without any structures, cultivation and also free of informal settlement. The Temple management committee agreed to provide the land for the project. Minutes of meeting is attached in **Appendix 2** and certification from Rapti rural municipality on land availability and use of land for project structures is attached in **Appendix-1b**
- 29. Another adjoining site is located within the premises of Shankar Secondary School. It is estimated that less than 8% of Shankar Secondary School land will be used for the construction of water supply structures. Land is available and unused. The vacant land is located behind the school's compound. The school has granted permission for use of 1Kattha land with the condition to provide three drinking water connections by the Project in the name of school. The consent letter is attached in **Appendix-1**.

- 30. For the all-gender and persons with disability- friendly public toilet, 100 sq.m. of land has been provided in ward no 8 by Rapti Rural Municipality. The land is vacant and unused government land. Therefore, no involuntary impacts is anticipated. The consent letter is attached in **Appendix-1e**.
- 31. Transmission main pipelines of 0.717 km lengths are proposed within existing public road RoWs/vacant government and public land. Likewise, distribution network of approximately 66.446 Km is proposed along existing public road RoWs and government vacant land. Hence, there will be no permanent IR impacts due to lying of transmission mains and distribution lines. No relocation/resettlement impacts or impacts on structures or temporary economic impacts are anticipated along alignment for water supply component of the subproject.
- 33. Temporary impacts of transmission and distribution network lying and house connections will be limited to temporary disturbance in access to shops and residences. To mitigate it, the contractor will be required to provide warning signage at appropriate locations indicating available alternate access routes for movement. The contractor should ensure access to shops and residences using simple wooden walkways where required and limit the excavation to 500 m at a time to minimize disruption. There will be no road closures during construction. The contractor will undertake construction on one side of the road first and upon its completion, work on the other side to ensure impact on traffic is minimized. Provision of house connections may cause temporary disruptions in access to residences during construction. The contractor will manage, maintain and ensure access of residences. Construction contracts will include the above provisions.
- 34. In addition, for the safety of school children, contractor should make proper barricade and put informative safety sign board to avoid accidents. Noise pollution from construction activity/running machineries will be avoided/minimized during school time. Heavy equipment producing significant noise will be used in holidays or off school time. Construction work should also be carried out in the night shift to minimize disturbance. Dust and smoke control measures will be implemented during construction. Road safety measures and restriction in horn will be strictly implemented in school area/school time. Further, the school management committee will be provided notice and consulted about proposed construction work, period and likely impacts and measures to avoid/control and mitigate adverse impact before construction work commences.
- 35. Consent letters and other supporting documents required for land acquisition and photographs of the proposed sites for water supply facilities are annexed to this due diligence report (**Appendices-1, 2 and 3**). The details of land availability and ownership of proposed sites for the subproject are given in Table 5.

B. Involuntary Resettlement

36. As mentioned in ADB's Safeguard Policy, the involuntary resettlement safeguards 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.

37. Nearly 5051.69 sq. of land is required at three different sites for construction of different components of the project, which has been obtained by WUSC at 3 different sites. However, no private land needs to be acquired as available land sites are public/government either owned by Community Forest or Public School. For the land use of WUSC, consent from concerned Community Forest Users Groups and School is obtained. The adverse impact of the project is minimal. No 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), permanent or temporary, is anticipated. The details of land requirement and IR/IP impacts are discussed below under separate Section-land availability and involuntary resettlement impact.

C. Indigenous People

- 38. According to the ADB's Safeguard Policy Statement, 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.
- 39. Caste and ethnicity in Nepal are characterized by its own customs, traditions, culture and nature of occupation with which they are associated. Pragatinagar subproject service area is mosaic of multi-caste/ethnic groups, where majority is Janajati people (75%). Brahmin/Chhettris are the next major group with 19.2%, followed by Dalits which constitutes about 4.6%. The Janajati is the most predominant caste group in the service area but, there is no specific territory of indigenous people. 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 be benefitted from OBA service. There will be 100% household tap connections to the household of indigenous people. It is confirmed that no Indigenous Peoples households will be affected for proposed project components. Priority on the construction jobs will be provided during construction. Hence, the impact on indigenous people will be positive in terms of increasing the access to drinking water and sanitation facilities. No adverse impacts to indigenous peoples including dignity, human rights, livelihood system, or culture of Indigenous Peoples or their territories or natural or cultural resources that Indigenous Peoples own, use, occupy, or claim as an ancestral domain or asset, are anticipated.

Table 5: Proposed Sub-project Components, Involuntary Resettlement and Indigenous Peoples Impacts

SN	Project	Ward	Plot	Land	Ownership of	Current	Involuntary Resettlement and
	Components	Number/Loc	Number	available and	Land	Land use	Indigenous Peoples Impacts
		ation		land required		Status	Summary
				(m²)			
1	Kalapani System	Rapti Rural	Public/Gov	1354.48 sq. m	WUSC (No	Kalapani	The proposed site is under Kalapani
		Municipality	ernment	(4 Kattha)	objection	Community	Community Forest. A small piece of land
	1.1. Deep tube well	ward no. 5,	land		letter	forest/Gover	is proposed to be used for the
	Tube well-1	Sisaniya			received)	nment land	construction of project structures, and it
	Tube well-2				Attached in		does not affect the community forest
	Sump Well				Appendix-1c		users' mobility/access and livelihood.
	1.2. Treatment						Community will continue to have access
	Facility						to remaining forest land. "No objection
	Lime Dosing Unit						letter" is provided by the Kalapani
	Aeration Tower						Community Forest Users Committee.
	Pressure Filter						No public or private structure or any
	1.3. Water Tank						other land uses at the site. Therefore,
	Overhead tank (OHT)						no involuntary impact is anticipated.
	200 cum						Refer to Appendix-1c.
	Operator/Guard						
	house						
2	Pipari-Chowk	Rapti Rural	South East	846.24+169=1	WUSC (No	Shankar	The proposed site is under Shankar
	System .	Municipality	side of	015.24 sq. m	objection	Secondary	Secondary School and Shiva Mandir.
	2.1 Deep boring	ward no. 8,	block "Ka	(3 Kattha)	letter	School and	The land is proposed for the
	-Tub Well -1	Pipari			received)	Shiva Mandir	construction of tube wells. No impact on
	-Tube well -2				Attached in		school and Temple properties is
					Appendix- 2		anticipated. School children are unlikely
					is the minutes		to be affected. The land is vacant and
					of meeting		not used. A "No Objection Letter" is
							provided by the Shankar Secondary
							School and Shiva Mandir management
							committee. Refer to Appendix-1b
	2.2 Treatment	Rapti Rural	Public/Gov	338.62 sq. m	WUSC (No	Shankar	The proposed site is under Shanker
	Facility-1	Municipality	ernment	(1 kattha)	objection	Community	Community Forest. A small piece of land

SN	Project Components	Ward Number/Loc ation	Plot Number	Land available and land required (m²)	Ownership of Land	Current Land use Status	Involuntary Resettlement and Indigenous Peoples Impacts Summary
	Lime Dosing UnitAeration TowerPressure Filter	ward no. 8, Pipari	land		letter received)attac hed in Appendix-1d	Forest	is proposed to be used for the construction of project structures. It has no adverse impact to the community forest users' mobility/access and livelihood. A "No Objection Letter" is provided by the Shanker Community Forest Users Committee. Refer to Appendix-1d
	2.3. Treatment Facility-2 - Lime Dosing Unit - Aeration Tower - Pressure Filter	Rapti Rural Municipality ward no. 8,	Public land	338.62 sq. m (1 kattha)	WUSC (No objection letter received)attac hed in Appendix-1b	Public/gover nment vacant land under ward no. 8	Rural municipality provided land in ward number 8 for construction of project structures. The land is vacant and not in use. No any Involuntary resettlement impact is anticipated. A "No Objection Letter" is provided by the concerned ward office. Refer to Appendix-1b
	2.4 Treatment Facility-3 -Bore hole -Tube well-3 -Sump Well -Lime Dosing Unit - Aeration Tower - Pressure Filter	Rapti Rural Municipality ward no. 8,	Public land	2031.72 sq. m (6 kattha)	WUSC (No objection letter received)attac hed in Appendix-1b	Public/gover nment vacant land under ward no. 8	Rural municipality provided land in ward number 8 for construction of project structures. The land is vacant and not used. No any involuntary resettlement impact in anticipated. A "No objection letter" is provided by the concerned ward office. Refer to Appendix-1b
	2.5. Water tank -450 Cum OHT -200 Cum Ground RVT Operator / Guard House	Rapti Rural Municipality ward no. 8,	Public land	2031.72 (6 katha)	WUSC (No objection letter received)attac hed in Appendix-1b	Public/gover nment vacant land under ward no.8	Rural municipality provided land in ward number 8 for construction of project structures. The land is vacant and not used. No any Involuntary resettlement impact is anticipated. A "No objection letter" is provided by the concerned ward office. Appendix-1b

SN	Project Components	Ward Number/Loc ation	Plot Number	Land available and land required (m²)	Ownership of Land	Current Land use Status	Involuntary Resettlement and Indigenous Peoples Impacts Summary
3	Office building	Rapti Rural Municipality ward no. 8,	Public/Gov ernment land	(111)	WUSC (No objection letter received) Attached in Appendix-1b	Public/gover nment vacant land under ward no.8	
4	Public Toilet with capacity of 100 users	Rapti Rural Municipality ward no.8 (former ward no 4 Sisahaniya parcel no 261)	Public land	100 sq. m	WUSC (Consent letter received) Attached in Appendix-1e	Public/gover nment land under ward no. 8	Land for the public toilet is provided by the ward no. 8 of Rapti Rural municipality. It is government-owned land and is vacant and unused. No involuntary resettlement impact is anticipated. A "No Objection Letter" is provided by the concerned ward office. Refer to Appendix-1e
5	Pipe alignments -Transmission mains- 0.717km -Distribution network- 66.446km	Rapti Rural Municipality ward no.5,7 and 8,	Road RoW	Government Land within road width	Government Land within road width	Road RoW/ Government Land	Pipelines will be laid along the road alignments within roads width. No land acquisition will be required, and no permanent involuntary resettlement impacts are anticipated. Temporary impacts will be avoided. The contractor will be required to employ measure to avoid disruption during construction.
	Total			7210.4			

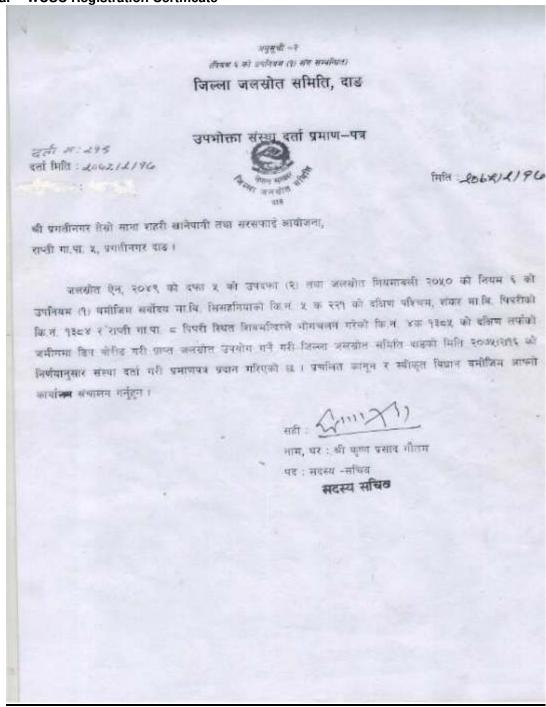
V. CONCLUSION

A. Summary and Conclusions

- 42. This Due Diligence Report assesses the involuntary resettlement and Indigenous Peoples impacts of the Project. This report is based on desk review of relevant documents as well as field assessment. The status of due diligence activities and findings are summarized as follows.
- 43. The impacts of project construction activities will be minimal and there will be 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), whether permanent or temporary. Most of the land authority/No Objection Letter for proposed structures have been already obtained by WUSC. There will be no private land acquisition as lands in all sites are public/government owned including the sites in community forest user committees and the public school.
- 44. Though the service area is heterogeneous in terms of caste/ethnicity, no specific territory of indigenous people has been reported. 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 be benefitted from OBA service. Therefore, the impact on indigenous people will be positive increasing the access to drinking water and sanitation facilities. No adverse impact is anticipated.
- 45. Temporary impacts of network laying and house connections are limited to potential access disruptions for shops and residences. However, no road closures will be required during construction; contractor will undertake construction on one side of the road first and upon completion of the same, start work on the other side to minimize impact on traffic. The contractor will be accountable to provide signage at appropriate locations indicating available alternate access routes to minimize traffic disruptions. The contractor will have to ensure access to shops and residences using simple wooden walkways where necessary and limit the excavation to a length of 500 m at a time to minimize disruption. Construction contracts will include the above provisions. No temporary income loss is assessed.
- 46. This draft will be updated based on the site/design changes and ADB's "No Objection" letter will be sought prior to start of construction. Any resettlement issues identified will be included in the updated social safeguards document and reported in semiannual social safeguards monitoring reports as required.

Appendix -1 Certificate and Consent Letters⁹

a. WUSC Registration Certificate



⁹ "Third Small Town and Water Supply and Sanitation Sub Project (TSTWSSSP)" is mentioned in all consent letters and minutes of meeting taken in 2017 and 2018, as the loan processing and project preparatory documents for UWSSP were prepared under TSTWSSSP. The said consent letters and minutes of meeting for respective subprojects hold good for UWSSP.

Translation

DISTRICT WATER SOURCE COMMITTEE, DANG USER COMMITTEE REGISTRATON CERTIFICATE

Registration No: 219

Registration Date: 31 May, 2018

Date: 31 May, 2018

To Pragatinagar Water Supply and Sanitation Project Rapti Rural Municipality 5, Pragatinagar, Dang

This certificate has been awarded to Pragatinagar Water Supply and Sanitation Project on 31 May, 2018. This committee is registered as per the Jalshort Ain (Water Resoure Act) of Nepal.

Signature Mr. Krishna Prasad Gautam Member-Secretary

b. Consent letter from Rapti Rural Municipality-8



चमानी न :- 938 ट

राप्ती गाउँपालिका द नं. वडा कार्यालक पिपरी देउख्री दाई कार्या ४ नं. प्रदेश नेपाल

मिति : २०७६।०२।१९

विषय - जग्गा उपलब्ध गराइंएको बारे।

श्री प्रगतीनगर खानेपानी तथा सरसफाई आयोजना प्रगतिनगर सिसहनिया देउखरी, दाङ

उपरोक्त सम्बन्धमा त्यस आयोजना मार्फत राप्ती गाउँपालिका वडा नं ४,७ र ८ मा संचालन हुने बृहत खानेपानी आयोजनाको लागि आवश्यक पर्ने कार्यालय भवन बोर्डिङ्ग जडान र शौचालय लगायत निर्माण गर्न यस वडा क्षेत्र भित्र पर्ने निम्नानुसारको जग्गा उपलब्ध गराउने भएकोले सो स्थानमा आवश्यक अनुसार जग्गा उपभोग गर्न को लागि जानकारी गराइएको व्यहोरा सादर अनुरोध गरिन्छ।

तपशिल

- ९ प्रगतीनगर खानेपानी तथा सरसफाई आयोजनाको कार्यालय संचालन गर्न भवन तथा टंकी निर्माण गर्न को लागि राप्ती गाउँपालिका वडा नं द अन्तंगत पुर्वमा पिपरा गाउँ जाने पक्की बाटो, पश्चिममा टेक बहादुर दमाईको जग्गा, उत्तरमा सानो नदी र दक्षिणमा रामलाल चौधरी तथा गोविन्द के.सी.को जग्गा यी चार किल्ला भित्र पर्ने करिय ६ कट्टा एैलानी जग्गा।
- २. प्रगतीनगर खानेपानी तथा सरसफाई आयोजनाको जेनेटर भवन तथा बोर्डिङ जडानको लागि राप्ती गाउँपालिका वडा न. ८ अर्त्तगत पुर्वमा पिपरा गाउँ जाने पक्की बाटो, पश्चिमा प्रगन्ना सिचाई आयोजनाको गोडाम भवन, उत्तरमा राजमार्ग र दक्षिणमा कुलो यी चार किल्ला भित्र पर्ने अन्दाजी १ कडा ऐनानी जग्गा :
- ३. प्रगतीनगर खानेपानी तथा सरसफाई आयोजनाको टंकी निर्माणको लागि राप्ती गाउँपालिका बढा नं. प्रअन्तगत पुर्वमा कुलो, पश्चिममा शिव मन्दिर र शंकर मा.वि., उत्तरमा शंकर मा.वि. र दक्षिणमा राजमार्ग यी चार किल्ल भित्र पर्ने अन्दाजी २ कहा जग्गा यदी अप्रयाप्त भएमा बुँदा नं. १ बमोजिमको जग्गामा टंकी निर्माण गर्ने ।
- ४. प्रगतीनगर खानेपानी तथा सरसफाई आयोजनाको बोर्डिङ जडानको लागि राप्ती गाउँपालिका वडा नं म पिपरी गाउँ देखि उत्तर गौडी अन्तर्गत पुर्वमा ऐलानी प्रति जगगा, पश्चिममा दोलई खोला, उत्तरमा ऐलानी प्रति जगगा र दक्षिणमा दोलई खोला यी चार किल्ला भित्र पर्ने अन्दाजी ६ कहा जगगा।

किण बहादुर राना । बडा अध्यक्ष

24

Consent letter from Ratpti Rural Municipality Ward-8 (For construction of treatement facility-1,2,3 and water tank)

Translation

Rapti Gaupalika Ward Office No: 8 Pipari Deukhuri Dang Province No: 5

Letter no: 075/076 Dispatch No:-1398

Date: 2 June, 2019

Subject: Regarding availability of land

Shree Pragatinagar Khanepani Tatha Sarsafai Ayojana Pragatinagar Shishaniya Deukhuri, Dang

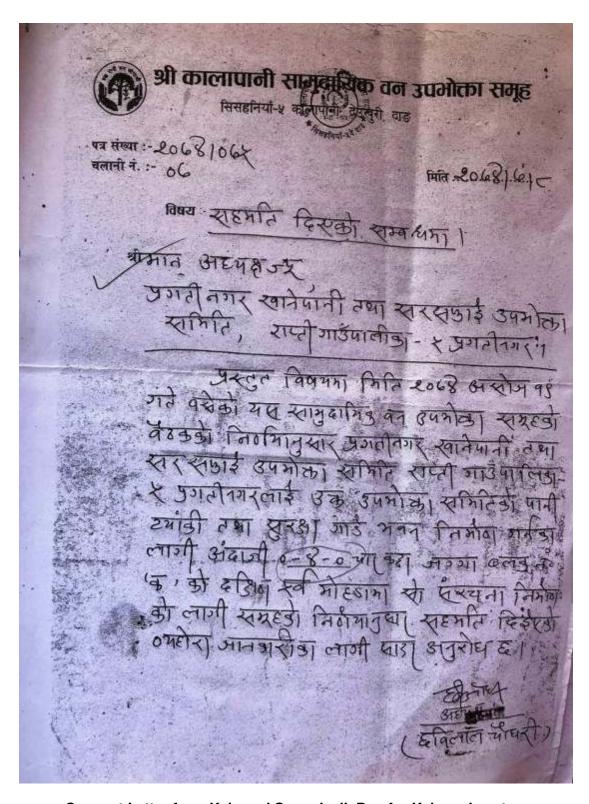
It is to inform that land in following land parcels can be used as required as available land has been provided to the water supply project in Rapti rural municipality of ward No: 5, 7 and 8. The project will make structures like boring holes, office building, toilet etc. in the provided land.

Particulars

- 1. For the construction of office building, 6 Kattha government land (6 kathha ailani jagga) is provided to Pragatinagar Khanepani Tatha Sersafai Ayojana. Provided land falls in ward number 8 in Rapti Rural Municipality. A blacktopped road connecting Pipari dilineates the eastern boundary, Mr. Tek Bahadur Damai's land on western boundary, a stream on northern boundary and the land parcels of Mr. Ramlal Chaudhari and Gobinda K.C on the southern boundary.
- 2. For the construction of boring hole and generator house, about 1 kattha government land (1 kattha ailani jagga) is provided to Pragatinagar Khanepani Tatha Sersafai Ayojana. Provided land is in Rapti Rural Municipality ward 8. In the eastern side of the land is a blacktopped road connecting to Pipara, western boundary is shared with warehouse of Praganna irrigation project, northern boundary is delineated by east-west highway and southern boundary is delineated by a canal.
- 3. 2 Kattha of land sharing boundary with a canal on eastern boundary, Shiva Mandir on western boundary, Sankar Secondary School in northern boundary and east-west highway on southern boundary will be used for construction of Reservoir tank. If land is inadequate, parcel mentioned in above serial number 1 will be used for construction of a tank.
- 4. For the construction of boring hole, 6 Kattha ofgovernment land is provided to the Pragatinagar Khanepani Tatha Sersafai Ayojana. The land is located at Gauri section in the North of Pipara village, boundary with Dolae river in west, government land on the south and Dolae river on the northern boundary..

Gokarna Bahadur Rana Magar Ward Chairman

c. Letter from Kalapani Community foret User Committee



Consent Letter from Kalapani Samudayik Ban for Kalapani system

Translation

Shree Kalapani Samudayik Ban Upabhokta Samuha Sishaniya-5 Kalapani Deukhuri Dang

Letter no: 2074/075 Dispatch No:-07

Date: 2074/07/08 (2017-10-25)

Sub: Consent Provided

Mr. Chairperson,

Pragatinagar Drinking Water and Sanitation User Committee, Rapti Rural Municipality-5 Pragatinagar

Regarding the subject matter aforementioned, as per the decision of meeting of Forest User Group held on 2074 Ashoj, 19 (2017-November-05), it is informed that permission is given to use land area of about 0-4-0 (Four Kattha land- block no "Ka" of north-east side) to Drinking Water and Sanitation User Committee, Rapti Rural Municipality-5 Pragatinagar to build a reservoir tank and a guard house.

Chairperson Chabi Lal Chaudhari d. Letter from Shankar Community Forest User Group वि.द.वं. श्री शंकर सामुदायिक बन उपमोक्ता समुह राप्ती मा.पा-र मिष्टी, देउखुरी, दाङ प्रज संख्या :- ०७४।०७५ वलामी मं. :- ७९ DA 36818194 विषय:- निर्वाश प्रतिलपी प्राहेका सम्बन्धमा श्री भान अहथक उपू प्राति नगर् वेस्रा साना शहरी स्वाने पानी तथा सर्सफड़ भाश्रीजना प्रमति नगर् सिसंहितिथा उपरोक्त सम्बन्धमा नेपाक तरकर केलीय स्नीन पार्ती आयोजना पानी पोलटी शहकादें। बाट स्याल्ने हेने देने साना शहरी खाने पानी ह्या स्रवकाई काचेछनाते शकर सा व भवन प्रव वर्फ सर्व संकृत अरेका जन्मा निर्वाय भरकोल यस पत्र साथ साकी प्रतिलिपी स्तित मारिन पडाइल्का हमहारा भक्ताहा हर।-ता। हिम्मी

Consent letter from Shankar Samudayik Ban Users' Group

Translation

SHREE SHANKAR COMMUNITY FOREST USER GROUP RAPTI RURAL MUNICIPALITY-8 PIPARI, DEUKHURI, DANG

Letter no: - 074-075

Outgoing reference no: 09 Date: 074-6-25 (2017-10-11)

Subject: Regarding the copies of decision.

Mr. Chairperson,

Pragatinagar Third Small Town Water Supply and Sanitation Project, Pragatinagar Sishniya

It is decided to provide land area of 0-1-0 of land on the eastern part of Shankar Community Forest Users office Building as per survey conducted for the Third Small Towns Water Supply and Sanitation project of Government of Nepal. The copies of decisions are attached along this letter.

Tara Ghimire Secretary

e. Consent Letter from Ward 8 Office for Construction of Public Toilet

राप्ती गाउँपालिका

८ नं. वडा कार्यालय

पिपरी देउखुरी दाङ ५ नं.प्रदेश नेपाल

प.स. :-०७६/०७७

चलानी नं :-७१७

मिति: २०७६।०९।२३

विषय: - सहमती दिइएको बारे।

श्री शहरी खानेपानी तथा सरसफाइ उपभोक्ता संस्था प्रगतिनगर,दाङ

उपरोत्त सम्बन्धमा शहरी खानेपानी तथा सरसफाइ आयोजना प्रगतिनगर,दाडको सार्वजनिक शौचालय निर्माणका लागी जग्गा छनोट विषयक प्राप्त पत्र अनुसार राप्ती गाउँपालिका बहानं.
पपिरी अन्तर्गत साविक सिसहनियाँ गा.बि.सं. बहा नं. ४ ग को कि.न. २६१ पुर्व, दक्षिण हाल हेल्यहट पछाडिको स्थानमा १०/१० मिटरको जिमन सार्वजनिक शौचालय निर्माणका लागी जग्गा छनोट गरी पठाएको र यो प्रतिएैलानी जग्गा रहेको यसको स्थामित्व स्थानिय सरकारमा भएको र यहाँ सार्वजनिक शौचालय निर्माण गर्न कसैको बाधा, अवरोध नभएकोले उत्त ठाउँमा सार्वजनिक शौचालय बनाउन सहमती दिइएको व्यहोरा अन्रोध छ।

वडा अध्यक्ष

Translation

Rapti Gaupalika Ward Office 8 Pipari Deukhuri Dang

Province No:5

Letter no: 076/077

Dispatch No:-717Date: (2076/9/23) 8 January, 2020

Subject: Regarding consent granted

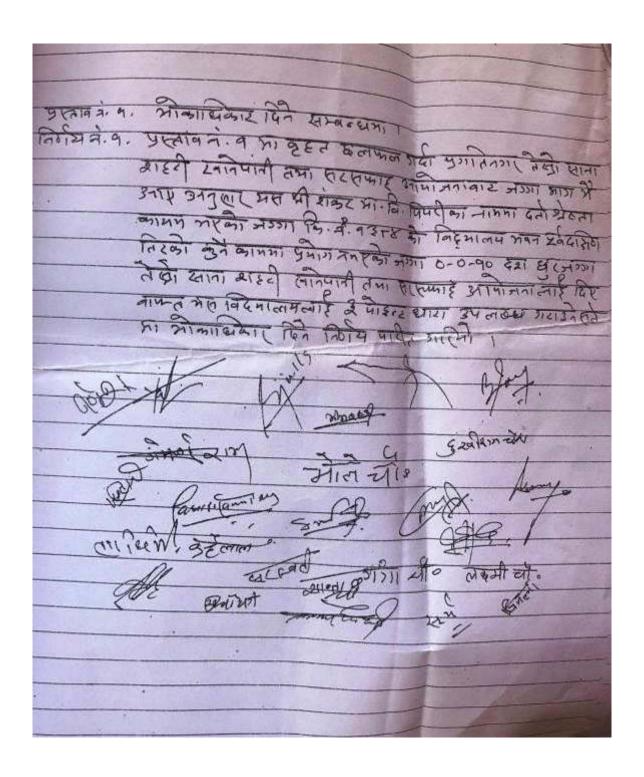
Shree Pragatinagar Urban Water Supply and Sanitation User Committee Pragatinagar, Dang

In reference to aforementioned subject, a letter is received from your office with a request to provide land to construct a public toilet under Pragatinagar water supply and sanitation project. Considering the request letter, 10×10 m land of parcel no. 361 in ward 8 of Rapti rural municipality, located behind the health center on east-southern side is provided to construction of the public toilet. The land is government land and the local government under jurisdiction of local government for its use. Since there is no objection or disturbance from any entity, there will not be obstacles for construction of toilet and consent is provided for the same purpose.

Gokanrna Bahadur Rana Magar Ward Chairman

Appendix-2 Minutes of Meeting

2068108192 Date 2668.06 2X कान मिति 2668 साल असीन बर वार्त का दिन रासी भाषा पार्ड में ए विपरी म् क्रिय मन्दिर का अध्येष भी वालेश कुआर भी वरी ज्यू की झावाशतामा वसेका देंटक तणिल नमी जिनकी उपस्थितिमा देख्य वर्मा जिसकी किणीय परित शीर्मी 1 लप्रस्त १ भी अनेश समार चीधरी अध्यक्ष २- १ी सत्य नार्यान उपाच्यक नाड प्रिस्ता मंगल एसए असम्ब काली चर्षा अधिन असाद अध्याद्यत १८- श्री किवधन मल्ल दः स्वीरमनीवरी भी जीनार्भ पराद्धा पाता कर्जवडाध्यक ट पुत्र शंकर् मानि दल क्षाबर विरवहामा श्रीक्त रीज श्रीमी विद्यायरक नियमि वडी क्याप्र क Red See - 1 10 125 5 1 10



Consensus based Consent from Shankar Secondary School

Translation

Date: 2074-06-25 (2017-10-11)

Following decision were made among the participants in the meeting held on 2074-Ashoj-25 (2017-October-11), chaired by Mr. Ganesh Kumar Chaudhari, Chairperson of Shankar Secondary School of Rapti Rural Municipality Ward 8.

Attendence

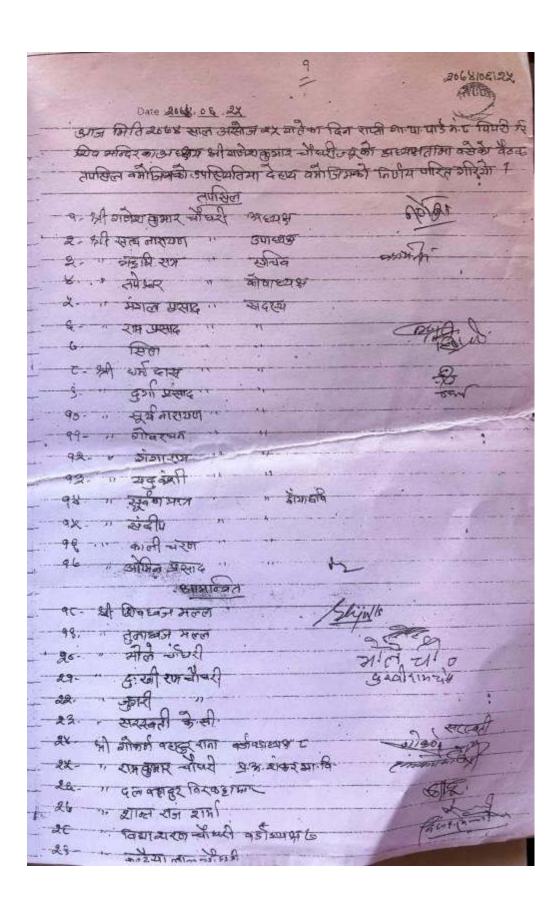
1. Mr. C	Ganesh Kumar Chaudhari,	Chairperson
2. Mr. S	Satya Narayan Chaudhari	Vice-Chairperson
3. Mr. F	Rishi Ram Chaudhari	Secretary
4. Mr 1	Tapeshwor Chaudhari	Tresurer
5. Mr N	Mangal Prasad Chaudhari	Member
6. Mr	Ram Prasad Chaudhari	Member
7. Ms.	Sita Chaudhari	Member
8. Mr. [Dharma Das Chaudhari	Member
9. Mr	Durga Prasad Chaudhari	Member
10.	Mr Surya Narayan Chaudhari	i Member
11.	Gobardhan Chaudhari	Member
12.	Gangaram Chaudhari	Member
13.	Yadu Banshi Chaudhari	Member
14.	Subarna Man Chaudhari	Member
15.	Sandeep Chaudhari	Member
16.	Kali Charan Chaudhari	Member
17.	Omin Prasad Chaudhari	Member

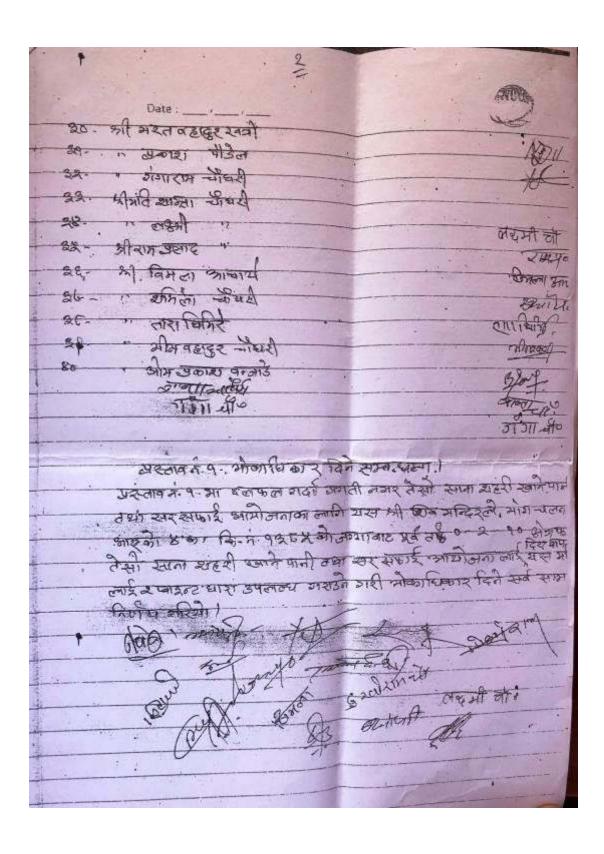
<u>Invitee</u>

- 18. Mr. Shiva Dhwaj Malla
- 19. Mr. Tuldhwaj Malla
- 20. Mr. Bhole Chaudhari
- 21. Mr. Dukhiram Chaudhari
- 22. Mr. Jugari Chaudhari
- 23. Saraswati K.C.
- 24. Mr. Gokarna Bahadur Rana, ward chairperson-8
- 25. Ram Kumar Chaudhari, Head-teacher, Sankar Sankar Madhyamik VIdhyalaya
- 26. Dal Bahadur Birakttamagar
- 27. Shanta Raj Sharma
- 28. Bidha Sharan Chaudhari, ward Chairprson-7
- 29. Mr. Bhim Bahadur Chaudhari

Agenda no:1 about giving permission for land use

Decision no:1 Meeting was held to discuss on the agenda no: 1 to address the request for proving land to Third Water Supply and Sanitation Project. The land of area 0-0-10 (Ten Dhur) is registerd in the name of Sankar Madhyamik Vidhyalay and it is not in use for any purpose. The school built consensus to provide land on east-northern side of school building, parcel no 1384 to Third Water Supply and Sanitation Project with a condition to provide three drinking water connections by project to school.





Consensus based Consent from Shiva-Mandir

Translation

Date 2074-06-25(2017-10-11)

Following decisions were made by the participants in the meeting held on 2074-Ashoj-25 (2017-October-11), chaired by Mr. Ganesh Kumar Chaudhari, Chairperson of Pipariya Shiva Mandir of Rapti Rural Municipality ward- 8.

Attendence

- 1. Mr. Ganesh Chaudhari, Chairperson
- 2. Mr. Satya Narayan Chaudhari Vice-chairperson
- 3. Mr. Rishi Ram Chaudhari, Secretary
- 4. Mr. Tapeshwor Chaudhari, Tresuror
- 5. Mr. Mangal Prasad Chaudhari, Member
- 6. Mr. Ram Prasad Chaudhari, Member
- 7. Mr. Sita Chaudhari, Member
- 8. Mr. Dharma Das Chaudhari, Member
- 9. Mr. Durga Prasad Chaudhari
- 10. Surya Narayan Chaudhari
- 11. Gobardhan Chaudhari
- 12. Gangaram Chaudhari
- 13. Yadu Banshi Chaudhari
- 14. Subarna Man Chaudhari
- 15. Sandeep Chaudhari
- 16. Kali Charan Chaudhari
- 17. Omin Prasad Chaudhari

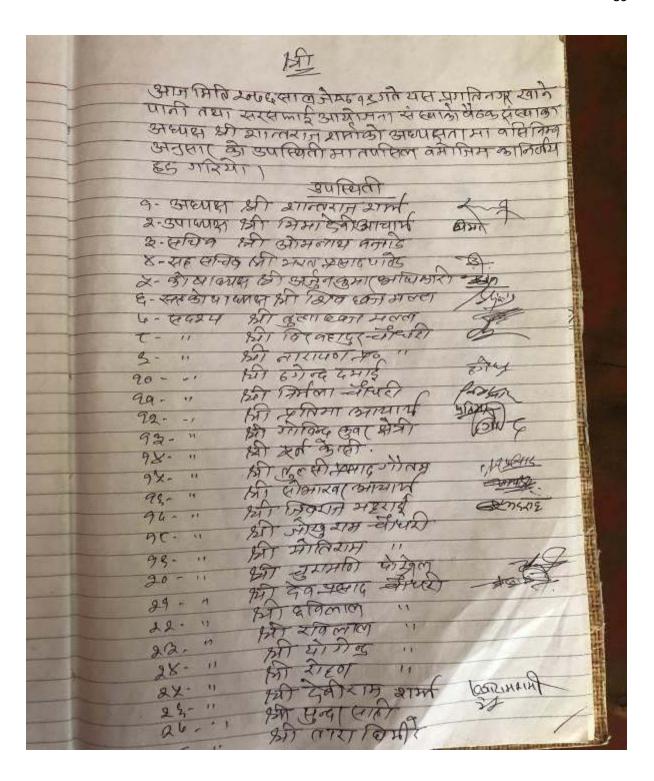
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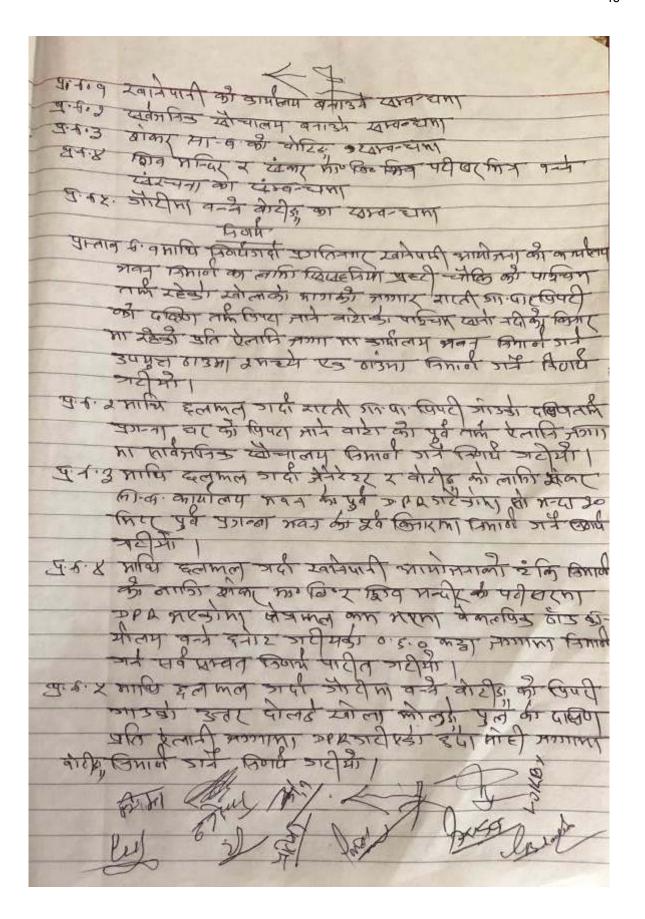
- 18. Mr. ShivaDhwaj Malla
- 19. Mr. Tuldhwaj Malla
- 20. Mr. Bhole Chaudhari
- 21. Mr. Dukhiram Chaudhari
- 22. Mr. Jugari Chaudhari
- 23. Mr. Saraswati K.C.
- 24. Mr. Gokarna Bahadur Rana- Chairperson -8
- 25. Mr. Ram Kumar Chaudhari Head-teacher of Sankar Madhyamik Vidhyalaya
- 26. Mr. Dal Bahadur Birakttamagar
- 27. Mr. Shanta Raj Sharma
- 28. Mr. Bidha Sharan Chaudhari, Ward chairperson-7
- 29. Mr. Bhim Bahadur Chaudhari
- 30. Mr. Bharat Bahadur Khatri
- 31. Prakash Paudel
- 32. Gangaram Chaudhari
- 33. Ms. Shanta Chaudhari
- 34. Ms. Laxmi Chaudhari
- 35. Ms. Ram Prasad Chaudhari
- 36. Ms. Bimala Acharya
- 37. Mr. Sharmila Chaudhari
- 38. Mr. Tara Ghimire
- 39. Bhim Bahadur Chaudhari
- 40. Om Prakash Banjade

- 41 Rana chaudhari
- 42 Ms.Ganga Chaudhari

Agenda No:1 about giving permission for land use

As per the discussion on the agenda no:1, the meeting built consensus to grant permission to use the land area of 0-2-10 -"4" Ka –parcel no. 1385 on eastern side, registerd in the the name of Shree Shiva Mandir to Third Water Supply Project with a condition to provide two water supply connections to the temple by the Project.





Minutes of meeting

Translation

A meeting of Pragatinagar Khanepani Tatha Sarsafai committee was held on 02 June, 2019, the meeting was chaired by WUSC chairperson Mr. Shantaraj Sharma. Following participants were participated in the meeting.

Attendance

- 1. Mr. Santaraj Sharma, Chairperson
- 2. Mrs. Bhima Devi Acharya, Vice-chairperson
- 3. Mr. Omnath Banjade, Secretary
- 4. Mr. Bharat Prasad Pandey, General secretary
- 5. Mr. Arjun Kumar Adhikari, Treasurer
- 6. Mr. Shivadhwaj Malla, Assistant-treasurer
- 7. Mr. Tuldhwaj Malla, Member
- 8. Mr. Bidur Chaudhari, Member
- 9. Mr. Narayan Prasad Chaudhari, Member

Agenda No: 1- Regarding WUSC office building construction

Agenda No: 2- Regarding Public Toilet construction

Agenda No: 3- Regarding Shankar Secondary School boring

Agenda No: 4-Regarding the structures that is going build in the property of Shankar

Secondary school and Shiva Mandir

Agenda No: 5- Regarding the boring that is going to construct in Gauri

Decisions

Discussion on agenda no 1: it is decided that WUSC office building will be constructed in a suitable place among two options; in western side of Shisniya Police sation (Government land) or western part of Pipara road beside the stream in government land.

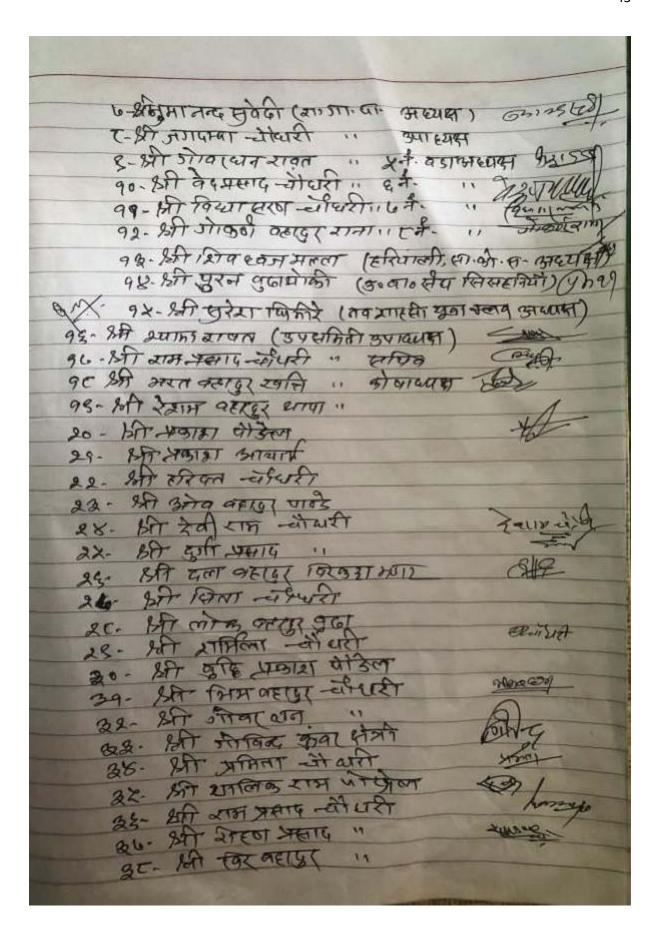
Discussion on agenda no 2: It is decided that public toilet will be constructed in the government land (Ailani land) located in the eastern part of Praganna warehouse in Rapti rural municipality.

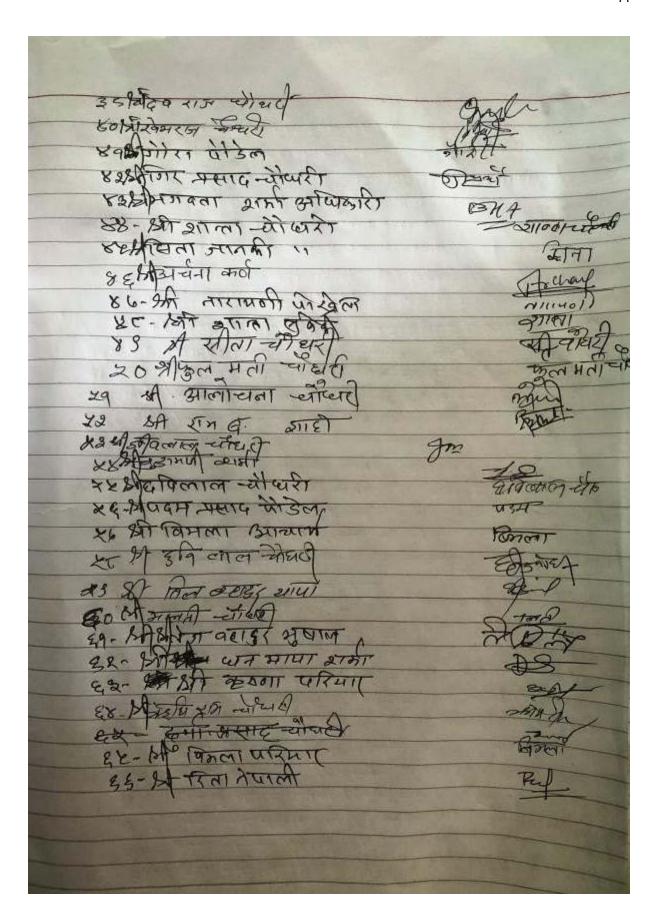
Discussion on agenda no 3: It is decided that generator house and boring hole will be constructed in the yard of Praganna warehouse located 20 meter away east of Shankar Community Forest office building. Durring detail measurement survey, it was proposed in premises of Shankar Community Forest office.

Discussion on agenda no 4: It is decided that in-case of insufficient proposed land located in Shankar Secondary School and Shiva Mandir, alternative land (0-6-0) proposed for office building will be used for construction of water tank.

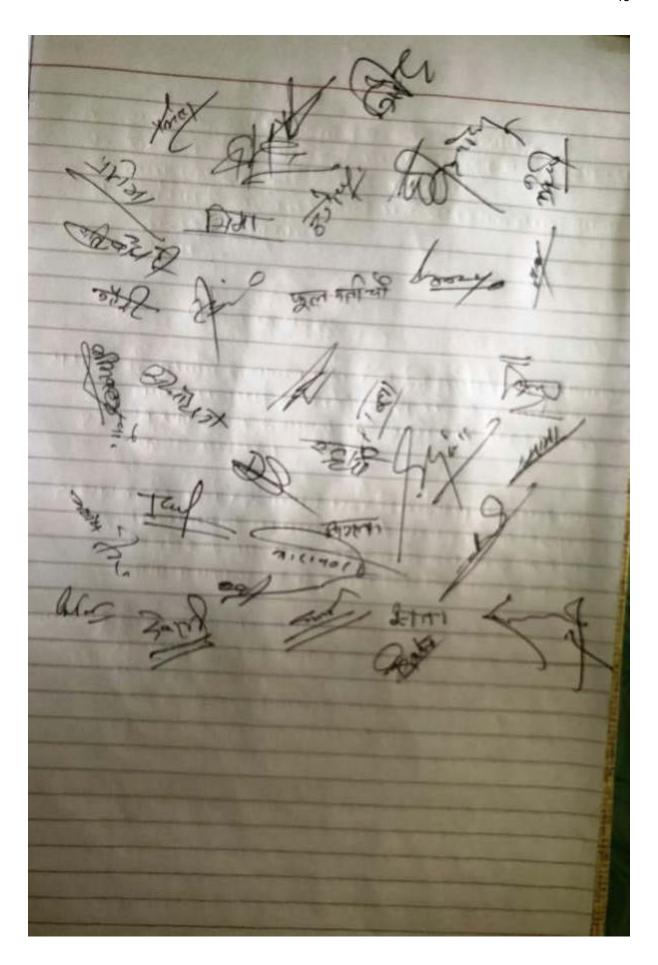
Discussion on agenda no 5: It is decided that boring will be done in government land located in the north of Pipari village and south of suspension bridge as per detail measurement survey.

1 आज मिति रू एए माल चेत्र रू रातेका दिन यस प्रगतिनगर तेक्री दाना सहीर खानेपाकी तथा सरसाकाई उपमोक्ता समितिका अप्यास श्री ज्ञान्तर ज श्रामी की अद्यक्षतामा वसे की सेक्डल क्षीत्रिय डिभिजन सुपरिवेद्मन तथा कावस्यापन तराम संक्ताल माश्तुल गरेको सामाजिक अगर्थिक विवरता तथा विक्रता ईली नियारिङ, डिमार्डन अतिवेदन साथि क्यापुर दल्लामल भई -आयोजना सम्बन्धी निम्न त्वमोजिमकी निर्वास अरियो । उपस्थिति अख्यहा- भी ज्ञानराम ग्राम 2. उपाध्यम - श्री मिमा आवाध ३- सिवेव - श्री भीम लाय कलाडे ४. को व्याध्यस - क्षी अर्गन अग्याकारी संप्रय - श्री लुलाह्यम मलला 1ती अरत म्साद्वातेत्र नारायहां प्रसाद न्या निवर वहादर हरोन्द्र परिया YKAP! 99-अतिमा कार्याप आमन्त्रीत श्री खवास ट्रायन अधीतिर्देश सावध क्ष-धी गिरो वहापुर हानार ४- श्री सिप लाल कुर्ग (मेजिप आपोजना सराप अभागत वहाड़ा ग्रहा 1 BOA- PEA-JU





मक्तावहरू १ - सामाजिक, आर्थिक विवरण अस्तुती सम्बन्धमा:-2- विस्त्रीत ईन्जीनियरिङ, डिनाईन प्रतिवेदन प्रस्तुनी सामत्या &- लागातको ४% रकम उहाउने सम्बर्धमा !-४- रवानेपाकी संदन्यना निर्माव गार्न आवश्यक मागा उपलब्ध गराउने सम्बन्धमा 2-अल्य :-अक्ताव की नमाधि हलामल गर्वा डिजाईन सुप्रिवेद्मना तथा कार शापन परामर्स दावा के स्ट्रांस गरेकी हामानिक आखिड विक्रा मानि हजापल अई आयोजना जारे विस्त्रींतजात कारी मिरेशा। स्वलाव ही अमाशि हता प्ला अदी डिजाईन छुपरिवेद्मान्तवा -व्यावस्थापन परामहीदाता ले प्रस्तुत गरेको विस्त्रीतईकीर नियाहिक, डिमाईन प्रतिषेदन समिश्र करायक दलकल अर्द आयोजनाकी कारिक प्रकार विस्तीता ज्ञानकारी आरे भी अवलाक की क्रमाधि कलाप्ता जा दी प्रस्तुत विक्लीत ईन्जी नियरिष्ट्र Bमाईन प्रतिवेदन अनुसार् आयोजना की कुलकागतकी कु ८८,१७०००।- दुने ४% वापत उपभीन्सा शह उहाउन परे प्रिक्री रलम ह । ११० था र अमेरमा वाइ सा दुपया मिलि है प्रमा ल ने शादि महात समा जमा गर्ने र की रहमहा-भी बर समाग पेका गर्ने निर्मा गरिमी अवगात में इमामि इलाजा गर्दी भगपो मना अन्तरगत निर्माण हुने संस्थानाका जाति आवश्यक पर्ने अन्तरा सथारको अग्रा का सम्बन्धीत काग्रामाल इक्ष्मिल निकाप्त उपलाक्य गराई सानि एको ए उपलाव्या गराकत माली काराजात मेर दल उपला प्य गराउने निकीपन्त्री



Minutes of Meeting

Translation

A meeting was held on 08 April, 2018, chaired by WUSC chairman Mr. Shantaraj Sharma of Third Small Town Water Supply and Sanitation Committee of Rapti Rural Municipality. Participants of the meeting discussed on detail engineering design and socio-economic report prepared by Design and Supervision Consultant and accordingly decisions were made.

Attendance

66 people were participated in the meeting

Agenda for Discussion

- 1. About socio-economical detail presentation
- 2. About detail engineering design presentation
- 3. About 5%upfront cash collation
- 4. About receiving consent letters for construction of water supply structures

Decisions

- 1. Received detail information about the project and socio-economic details from the presentation by design, supervision and management consultant
- 2. Received detail engineering design information from the presentation by design, supervision and management consultant.
- 3. The meeting decided to collect NRs. 12,000 from each household to meet 5% upfront cash summing to NRs.39,48,17,000 by May end and voucher will be submitted as an evident.
- 4. It is decided that, required consent letters will be acquired from the concern authorities.

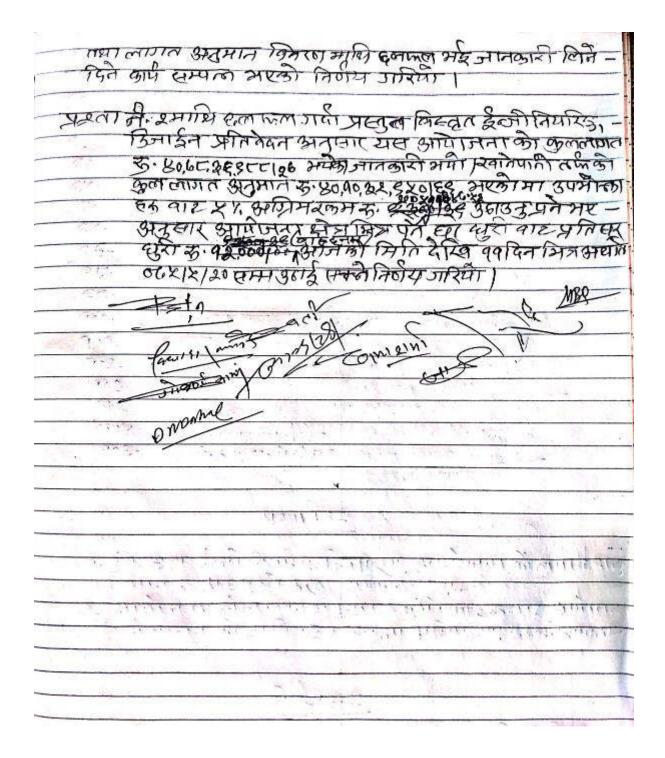
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Minutes of Meeting

Translation

A consultation meeting was organized by Pragatinagar Water Supply and sanitation Project on 25 August 2018, in the chairmanship of Mr. Shantaraj Sharma and in presence of Member of Parliament, Mr. Rewati Raman Sharma as a chief guest and following decisions were taken in presence of following participants.

Agendas of meeting:

- 1. Detail engineering design, cost estimate of project and presentation.
- 2. 5% upfront cash collection from users as a commitment and project operation process.

Decisions:

- 3. Presentation of detail engineering design report and estimated cost of the Pragatinagar Water Supply and Sanitation Sector Project is carried out to exchange information.
- 4. It is learned that total project cost is NPRs. 40, 78, 36,988.27. It was agreed and decided to collect 5% upfront cash (NRs. 1200 per household) out of total cost for water supply of NRs.40, 10, 32,950.69 within the ten days of this recorded minute of meeting.

Appendix-3



Proposed RVT at ward no. 5, location in Kalapani Community Forest block no. "Ka", Sisaniya



Proposed Boring -1 at ward 5, location in Kalapani Community Forest block no. "Ka", Sisaniya



Proposed Boring -2 at ward 5, location in Kalapani Community Forest block no. "Ka", Sisaniya



Proposed boring 1 of pipari, Location of Shiva-Mandir and Shiva Secondary School



Proposed boring-2 at ward 8, Pipari Shankar Community forest



Proposed Boring -3 at ward 8, Pipari, Shankar Community forest



Proposed location for WUSC office building and other structures, ward 8, Pipari



Glimpse of distribution network area ward 8 Pipari



Public consultation on 08 April, 2018, Rapti rural municipality ward 5 office hall



Public Consultation on 25 August, 2018, Rapti rural municipality ward 5 office hall,



Public Consultation on 2 June 2019 at Rapti rural municipality ward 5 office hall



Public Toilet construction site in ward 8 of Rapti rural municipality

Appendix-4

SOCIAL SAFEGUARDS SCREENING CHECKLIST

Country	Nepal	
Subproject Name	Pragatinagar Urban Water Supply and	Sanitation Sector Project
Date	February 15, 2018 (updated on Februa	ry 12, 2020)

I. Resettlement Impact Checklist

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

		- 1		ı	1
	Probable Resettlement Effects	Yes		Not Known	Remarks
Ac	quisition of Land				
1.	Will there be land acquisition?		V		No private land acquisition will be acquired. Proposed project sites are public/government lands and road ROW will be utilized for the project
2.	Is the site for land acquisition known?				Not applicable.
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 (ROW).
5.	Will there be loss of shelter and residential land due to land acquisition?		V		Not applicable.
6.	Will there be loss of agricultural and other productive assets due to land acquisition?		V		
7.	Will there be losses of crops, trees, and fixed assets due to land		√		

acquisition?							
8. Will there be loss of businesses of enterprises due to land acquisition?	r D	V					
9. Will there be loss of income sources and means of livelihoods due to land acquisition?		N					
Involuntary restrictions parks and protected area		use or on	access to legally desig	ınated			
10. Will people lose access to natural resources, communal facilities and services?			There is no designated or near to the project forest land with some be of vegetation will be in not lose access to nature	. The obtainushes on the significant,	ned land mostly e site. Since loss local people will		
11. If land use is changed, will it have an adverse impact on social and economic activities?							
12. Will access to land and resources owned communally or by the state be restricted?							
Information on Displaced Persons: Any estimate of the likely number of persons that will be displaced by the Subproject? If yes, approximately how Subproject Image: Project Image: Proj							
many?N/A Are any of them poor households, or vulnerab	le to pov	erty risks?	[√]No	[]	Yes		
Are any displaced per indigenous or ethnic groups?			[√]No	[]	Yes		

2. Indigenous Peoples Impact Screening Checklist

	KEY CONCERNS (Please provide elaboration of the Remarks column)	YES	NO	NOT KNOW N	Remarks
lı	ndigenous Peoples Identification				
1	. Are there socio-cultural groups present in or				The service area of
	use the subproject area who may be				the subproject is
	considered as "tribes" (hill tribes, schedules				heterogeneous in
	tribes, tribal peoples), "minorities" (ethnic or				terms of
	national minorities), or "indigenous				ethnicity/caste and

					It
2	Are there national or local laws or policies	V			culture, and no specific territory of indigenous people or socio-cultural groups has been observed. Most indigenous people i.e. Janajati and Dalit in sub-project areas are socially, economically and politically integrated into the mainstream society, and considering the nature and scale of the subproject, adverse impacts on indigenous peoples are insignificant.
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			
3.	Do such groups self-identify as being part of a distinct social and cultural group?	V			
4.	Do such groups maintain collective attachments to distinct habitats or ancestral territories and/or to the natural resources in these habitats and territories?		1		
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?	V			The ethnic groups in the service area speak their own distinct languages among their members, but Nepali is spoken as common language.
7.	Have such groups been historically, socially	,			
	and economically marginalized,	V			

disempowered, excluded, and/or discriminated against?	
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?	

3. Identification of Potential Impacts

	KEY CONCERNS			NOT	
	(Please provide elaborations of the Remarks	YES	NO		Remarks
	column)	√		KNOWN	The subproject directly benefits the indigenous peoples because all the beneficiaries will receive service irrespective of their ethnicity/caste and economic status. Therefore, the impact on
9.	Will the subproject directly or indirectly benefit or target Indigenous Peoples?				Janajatis will be positive. The project's policy for inclusion of poor and vulnerable will ensure that Janajati households are included in project benefits.
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		V		

territory) occupied, owned, or used by Indigenous Peoples, and/or claimed as ancestral domain?	
C. Identification of Special Requirements	
Will the subproject activities include	
13. Commercial development of the cultural resources and knowledge of Indigenous Peoples?	
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?	√
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.	V
17. Acquisition of lands that are traditionally owned or customarily used occupied or claimed by indigenous peoples?	

4. Anticipated subproject impacts on Indigenous Peoples

Subproject component/ activity/ output	Anticipated positive effect	Anticipated negative effect
Water supply and sanitation infrastructure improved in ward 5,7 and 8	Efficient, safe water supply and access to toilet facility improved.	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.

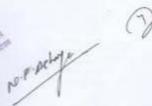
The revised poverty line will be utilized as major indicator of poverty. It shall be used in selection of poor household within the community for delivering OBA service and free subsidized tap connection. Similarly, upfront cash shall be reimbursed after verification of poor household within the urban 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 CB5 -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	



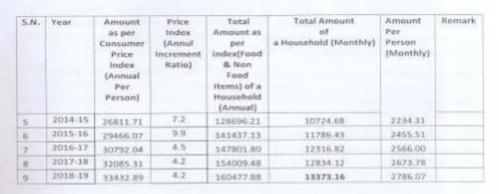


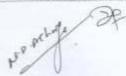
Table No: 2 Threshold Amount for Poor Household

5.N.	Information	Amount NRs.
4	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)	33437.89
3	Household Size 4.8	160477.88
4	Manthly 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 NR8 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. Particular. Provision in UWSSP Remark TSTWSSSP N. <Rs. 13,500 Monthly Threshold of the Poor <Rs. 7,500 Monthly Data of National Living Standard Household of Household Survey (NLSS), 2011 is adopted as baseline and annual consumer Index of Nopal Rastra Bank is used for analysis. The team members remain same,Only term has changed. Project staffs cannot be independent. Verification Team 2 Verification Team Independent Recommendation to WUSC (Verification Agent For Reimbursement) agent. Verification After 3 Verification after 1.5 3. Ventication Reimbursement to WUSC Months WUSC, RDSMI RM/M WASH CC Month. WUSC RDSMC. After preparation of final list by team, Cross-check, Validations of Final List of OBA/Subsidized 4. RM/M WASH CC and it will be validated by PMQAC. PMQAC(Social Tap Connection Development-GESI Specialist) Chapter of Design and Cost 12 types of pit latrine design and For development of innovative idea Basic Information and 5. and types RDSMCs are requested for development of site specific type/model. Estimate of Household tramework for safety Latrine cost estimate was tanks and Household provided in Annex water seal Latrine pit design has been provided in Annex. Construction of Household Latrice and Compost Pit by Gonstruction of Household Latrine Now compost pit is optional Construction Both (Household Latrine and OBA and only Compost Pit) The service should be provided During the First stage Subsidized Tap Connection of the contract (Before entering the during first stage of the contract. to Poor/Vulnerable Second stage) Company of the control of the contro निर्णाधनी क्षानार्थ