

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

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## **CURRENCY EQUIVALENTS**

(as of 01 February 2020)

Currency unit	-	Nepalese Rupee (NRs)
\$1.00	=	NRs116.60
NRs1.00	=	\$0.0085

## **ABBREVIATIONS**

ADB	-	Asian Development Bank
BPT	-	Break Preassure Tank
DDR	-	Due Diligence Report
DSMC	-	Design Supervision and Management Consultant
DWSSM	-	Department of Water Supply and Sewerage Management
MOWS	-	Ministry of Water Supply
OBA	-	Output-Based Aid
ODF	-	Open Defecation Free
PMO	-	Project Management Office
PMQAC	-	Project Management and Quality Assurance Consultant
RDSMC	-	Regional Design, Supervision and Management Consultant
RPMO	-	Regional Project Management Office
SDG	-	Sustainable Development Goal
TDF	-	Town Development Fund
SPS	-	Safeguard Policy Statement
UWSSP	-	Urban Water Supply and Sanitation (Sector) Project
WUSC	-	Water Users and Sanitation Committee

## **WEIGHTS AND MEASURES**

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

## **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 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).<sup>1</sup> 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 criteria<sup>2</sup> including population growth, poverty index, existing WSS infrastructure, community willingness for cost sharing, and long-term operation and maintenance (O&M) contract.<sup>3</sup>

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.<sup>4</sup> 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 WUSCs<sup>5</sup> or municipalities.<sup>6</sup> Shortage of investment funds, skilled personnel, and inadequate operation and maintenance (O&M) budgets, hinders municipalities from providing adequate, cost-effective services. The Local Governance Operation Act, 2017, established municipalities as autonomous government institutions with responsibility for WSS services. While municipalities' capacity is being built, the government and residents have been receptive to the decentralized, participatory, and cost-sharing service provision model by Water Users Associations (WUAs). Development support for municipal WSS has been channeled through a combination of (i) government grants through DWSS, (ii) loans by the Town Development

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<sup>1</sup> 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).

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Government of Nepal. 2009. *Urban Water Supply and Sanitation Policy*. Kathmandu

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

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

Fund (TDF),<sup>7</sup> and (iii) contributions from municipalities and beneficiaries<sup>8</sup>. 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 Panchkhal Urban Water Supply Project. A due diligence process was conducted to examine land acquisition and resettlement issues in detail, in line with ADB Safeguard Policy Statement (SPS) 2009. This report describes the findings and provides copies of available land-related documents and photographs. This DDR was prepared based on the Resettlement Framework for UWSSP.

9. Upon project implementation, the Social Safeguards Officer at PMO will be responsible for 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 participatory approach. 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 making the community empowerment so that the community could take full responsibilities on financial, technical and managerial aspects on operation and maintenance.

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<sup>7</sup> 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.

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

## II. SUBPROJECT DESCRIPTION

### A. Location and Accessibility

11. Panchkhal is a Municipality in Kavrepalanchok District in Province No. 3 of central Nepal. It is located 27° 39' 0" North and 85° 37' 0" East at an average of 942 meters above mean sea level. The Panchkhal Valley, intermountain basin developed in the southeast of the Kathmandu valley lies 45 km east of Kathmandu and 15 km from Dhulikhel. The Kodari highway passes through the Panchkhal and accessible by public transportation facilities like public bus, micro etc.



Figure 1: Project Area With Main Transmission Line



Figure 1a: Panchkhal Municipality and Service Area

## B. Socioeconomic Profile of the Project Area

### i) Service Area, Households and Population

12. Panchkhal Municipality is formed by merging previous Anekot, Hokse Bazar, Kharelthok, Koshidekha, Baluwa and Panchkhal village Development committees. The project area is delineated in consultation with WUSC, Mayor of Panchkhal Municipality and local communities. Socio-economic survey (2018) within the delineated service area covers ward number 3, 4, 6 and 12 and partially ward number 2, 7, 8, 10, 11 of Panchkhal Municipality. The service areas is characterised as urban, semi urban and rural area. The areas of ward 3 and 4 are core urban area of Panchkhal Bazar and remaining wards have both semi urban and rural characters in settlement pattern. Main market and offices are located in ward 3 and 4 of Panchkhal Municipality. The major settlements of the service area are as follows.

- Ward - 2: Tinkune, Bagaladihi, Dwardi, Majhdihi, Takedi, Ratopahiro
- Ward - 3: Lamidihi, Jantadihi, Kapli, Banyadihi, Thumka, Rampur, Rampurdada, Bramhapur, Jorpati, Khok
- Ward - 4: Zero Kilo, Lamidanda, Panchkhal, Purano Bazar, Tamaghat
- Ward - 6: Dulalthok, Bakhreldi, Tinpile Bazar, Ekatabasti, Paudelthok, Jhinganpur, Pipaltar, Dhotra, Dhunganabesi
- Ward - 7: Sigrampati, Shikharpur, Jorpiple
- Ward - 8: Khattar, Padalla, Simradi, Kharani (Madi Gau)
- Ward - 9: Bhimsenthan, Bhetwalthok, Dadgaun, Ramche, Sathighar, Thulogaun
- Ward - 10: Nayagaun, Luitelgaun, Ranipani, Chapkobot, Bakultar, Baluwa Bazar
- Ward - 11: Luitelgaun, Devbhumi, Ojhatar, Karketar, Kharelthok, Jaretar, Bakultar, Ranipani, Serabesi
- Ward - 12: Devbhumi, Ojheltar, Sherabeshi, Karketar, Kashkote, Tinghare, Nagbeli, Aapghari

13. As per 2011 census, the population of the municipality is 40,061 with 8,948 households. As per socio-economic survey (2018), there are 5998 households in the service area and population of 30,563 including rental population with average family size of 4.93. The total number of household connections under the project will be 5,998. Details of demographic information is presented in Table 1.

**Table 1: Distribution of households, permanent and rental population**

SN	Ward No.	Households	Male population	Female population	Permanent Population	Rental Population	Total Population
1	2	511	1,117	1,142	2,259	8	2,267
2	3	596	1,402	1,453	2,855	96	2,951
3	4	790	1,933	1,995	3,928	612	4,540
4	6	784	1,969	1,954	3,923	44	3,967
5	7	528	1,488	1,501	2,989	125	3,114
6	8	84	199	198	397	4	401
7	9	869	2,211	2,091	4,302	32	4,334
8	10	226	610	638	1,248	1	1,249
9	11	204	528	473	1,001	6	1,007
10	12	1,406	3,291	3,410	6,701	32	6,733
	<b>Total</b>	<b>5,998</b>	<b>14,748</b>	<b>14,855</b>	<b>29,603</b>	<b>960</b>	<b>30,563</b>

Source: Socio-economic Survey 2018.

## ii) Households and Population by Ethnic Composition

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

15. The survey revealed that Janajati/ethnic (Tamang, Danuwar, Magar, Newar etc.) are major group comprising of 48.3% (2896 households), Brahmin/Chhetri are the second largest group comprising of 40% (2402 households), Dalit and other cast (Madhesi, Musalman etc.) comprising 9.4% (565 households) and 2.3% (135 households) respectively. Ward-wise distribution of households and ethnic composition is tabulated in Table 2.

**Table 2: Distribution of households and population by ethnic composition**

SN	Caste/ Ethnicity	Ward Number										Total	%
		2	3	4	6	7	8	9	10	11	12		
1	Brahmin/Chhetry	316	370	277	377	253	29	295	156	115	214	2,402	40.0
2	Janajati	172	99	405	329	168	52	390	68	84	1,129	2,896	48.3
3	Dalit	22	67	45	76	104	3	181	2	2	63	565	9.4
4	Others(Madhesi)	1	60	63	2	3		3		3		135	2.3
	Grand Total	511	596	790	784	528	84	869	226	204	1,406	5,998	100.0

Source: Socio-economic Survey 2018.

## C. Design Concept and Project Components

### iii) Description of Proposed Subproject Component

16. Panckhal Urban Water Supply and Sanitation Project will be a pumping system. The water will be pumped from sumpwell (at elevation 585m) to be constructed at river Sunkoshi river bank to four stage pumping with pumping head about 210m to 220m at each stage to reach the water at treatment plant at an elevation 1,337.50m. The water treatment plant is located at about 250m downstream of Bhimsenthan Mandir beside existing NEA transformer. After treatment the clear water will be stored at 400cum ground storage reservoir. Small individual pumps are used to pump required quantity of water towards Palanchowk Bhagwati RVT-10 and filter backwash RVT-12. Another major pipe line goes to the nine reservoirs by gravity system. Filter backwash reservoir will supply water to Kharelthok RVT-11 and back wash of filter by gravity. From clear water reservoir at WTP site, one line goes to branch transmission main by gravity, other line goes to the Palanchowk Bhagwati RVT-11 and receive 5.71lps by pumping and third line goes to Bhimsenthan WTP backwash RVT named as RVT-12 and receive 4.98lps by pumping. The RVT-12 will supply 1.75lps water to RVT-11 for Kharelthowk service area and 3.23lps for filter backwash by gravity.

#### a. Proposed Source and Intakes

17. Sunkoshi, a snow-fed perennial River will be the source of water for Panckhal Urban Water Supply and Sanitation Project. The detailed design proposed to use seepage water from the infiltration gallery that is proposed to be constructed at the sump well site. This seepage water will be drawn at the tapped discharge of 84 lps. There is only one proposed intake site for the system with two sump wells. The proposed intake site is located at the right bank of Sunkoshi river at Bimire dovan, which is about 2.5 km downstream of Dolalghat Bazaar and 2 km downstream of the confluence of Sunkoshi and Indrawati rivers). The



barren land (government land) proposed for project is on river the right bank of sunkoshi river.

## **b. Transmission Mains and Pumping**

18. Transmission mains refer to the pipe line running from intake to reservoirs which comprises of two parts (i) Main Transmission (sump well to WTP at the ridge and downstream of Bhairabthan Mandir) and (ii) Branch Transmission (WTP to various 12 reservoirs). The transmission line passes via road, barren land and government land. The branch transmission main comprises three mains that includes a) Mains that goes to branch transmission by gravity; b) Mains that goes to Palanchowk Bhagwati by pumping and c) Mains that goes to Bhimsensthan from WTP to backwash RVT by pumping.

19. The total pipe length of the main transmission from the proposed Sunkoshi river intake/ sump well to the proposed water treatment plant (site/storage reservoir) is about 9,135.00m including 5% more than the actual one, which comprises of DI pipe with flanged end of diameter 200 mm. Two parallel pipe are to be laid from sumpwells ( intake) to WTP) to avoid the interruption of water supply service in case of repairing need of one of the pipe. Four 85 HP submersible pumps at each stages 1, 2, 3 and 4) are installed to pump 84lps water and all pump will run at a time. Raw/seepage water passes to sump wells through infiltration gallery. Thereafter water will be pumped to transmission main upto WTP. The pump capacity are installed in two sumpwells at Sunkoshi River Bank (one intake site) various pumping stages. These pumps will pump water from intake ( sumpwells) upto the water treatment plant at 5th stage site located at the downstream of Bhimsensthan beside NEA transformer

20. There are four pumps at each stage. Each pump will pump 21.0 lps water to WTP through various stages. One pipe ( two pumps withdrawing 21 lps) will carry 42.0 lps water by pumping. Two pipe are laid parallel from sumpwell to WTP via various stages. IN total, two pipes will withdraw 84 lps water to WTP. The pump capacity is determined accordingly. But, based on the pump catalogue, each pump will pump 22.21 lps and 4 pumps will pump 88.84 lps, which is more than required. After treatment, 5.71 lps water will be pumped to Palanchowk Bhagwati (RVT-10), 4.98 lps will be pumped to filter backwash RVT-12 and the remaining 73.31 lps water will be supplied to other proposed nine service reservoirs RVT-1 to RVT-9 by gravity. The filter backwash RVT 12 will supply 1.75 lps water to Kharelthok (RVT-11). The remaining 3.23 lps water will be used for the filter backwash purpose. There is also provision of disinfection before the storage of water in the ground storage reservoir at WTP site.

21. The total branch transmission length i.e. from WTP/storage reservoir to 12 RVTs (including backwash RVT) is 37,237 m including 10% more than the actual PE pipe having pipe size of 63-110 mm diameter and 5% more than the actual DI pipe having pipe size of 100 mm to 250 mm diameter are used. No house connection will be permitted from branch transmission before reaching water to RVTs except RVT-11. Branch transmission for RVT - 11 comes from filter backwash RVT. Due to topography, some houses will get water from the branch transmission main before water reaches to RVT-11. Four types of pipes will be used in this branch transmission main system that includes PE-100 PN 6 of diameter 110 mm, PE-100 PN 10 of diameter 63 mm, DI pipe with socket end of diameter 100-250 mm and DI pipe with flanged end of diameter 100 to 250 mm.

~~22.~~ The total estimated distribution pipe is taken as 10% more than the actual one for PE pipe upto 90mm dia and 5% more than the actual one for remaining all pipes is found to be 189,309.00m. The PE-100 pipes of outer dia 50mm to 225mm, DI 150 to 200mm inner dia

have been used in the design. GI pipe of 40mm to 100mm dia are also used in the design where static pressure more than 160m.

**c. Treatment Plant and Chlorination unit**

23. Based upon the water quality, secondary data available and discussion with communities in of the service area, following treatment plant components is proposed for treatment of collected seepage/ infiltrated water of Sunkoshi river.

**Table 2a: Proposed Treatment plant**

SN	Component	Unit	Size
1	Small rapid flash mixture	1	2.0m x 2.0m x 2.0m
2	Baffle wall flocculator	5	7.50 x 2.50m x 1.20m
3	Sedimentation tank	4	19.50m x 6.50m x 3.00m
4	Rapid sand filter	2	8.25m x 6.25m x 3.5m
5	Disinfection unit	1	Automatic FRV suitable for 84 lps

Source: Detail Engineering Design Report

**d. Backwash, Storage and Service Reservoirs**

24. The service reservoirs are located as follows; RVT 1 in Thumka, RVT 2 in Anekot, RVT 3 outside Sasatra Police station, RVT 4 in Bakhrel Dihi, RVT 5 in Radhakrishna, RVT 6 in Nayagaun, RVT 7 in Jaretar, RVT 8 in Shikharpur, RVT 9 in a settlement along branch transmission main node 9N29 (RVT/BPT), RVT 10 in Palanchowk Bhagwati, RVT-11 in Kharelthok, RVT-12 at filter backwash site and a storage reservoir after filtration will be at WTP site. The storage at each pumping stage is provided for 0.5 hr and ground storage at WTP site is provided for 1.25 hr.

**e. Interruption Chamber/ Break Pressure Tank**

25. Break Pressure Tank is used where the pressure in the pipe is more than the rated pressure. One interruption chamber of 50 cum is used in the branch transmission main to decrease the pressure head in the pipes. Total five BPTs of each 10 cum are designed for RVT-9 (1 in number), RVT-10 (2 in numbers) and RVT-11 (2 in numbers) along the distribution system to release excessive pressure on the pipe.

**f. House Connections**

26. The household connections will be made directly from main distribution pipe. An average 15 m of 20 mm diameter PE 100-PN16 pipe with compression joint, joined with GI fittings and valves to a household meter for each house. There will be 5,998 household connections in the system in the base year.

**g. Generator House**

27. Generator house is designed at each pumping stage and WTP site. The Generator supplies power mainly for pumps installed at various pumping stages, when there is no regular power from NEA. The generator of capacities are 2 nos. of each 160 kVA at each stage 1, 2, 3 and 4 and 50 kVA at WTP site for stage 5. Only two pumps among four will run at a time at stage 1, 2, 3 and 4 and one pump for filter backwash RVT-12, one pump for RVT-10 will run at a time for stage 5 (WTP) site. Two generators at stage each will pump

50% of the demand. If one generator get out of order, only one generator will be operated and supply 25% of water.

#### **h. Office Building, Guard House and Dosing House**

28. A two-storeyed laboratory building cum WUSC office building has been designed and this has been proposed to be constructed in Panchkhal Bazaar. WUSC will provide the land for the construction of office building at within the compound of municipality in free open land. There is provision of Small Guard House (G1) at each pumping stage , at Backwash RVT and at 11 service reservoir locations. Hence, in total, 16 small guard houses have been proposed. Similarly, one Medium Guard House (G2) have also been proposed at WTP site. The dosing house will be constructed at WTP site.

#### **iv) Sanitation Improvement Component**

##### **a. Public Toilet:**

29. One gender friendly public toilet is proposed at Tamaghat Bazar, ward 4 in the project municipality. The toilet will have 6 unrial channel, 2 pans, 2 wash basin and 1 shower for male user; and 2 pans, 2 wash basin and 1 shower for female in a separate compartment along with a unit for persons with disabilities (PWD).

##### **b. Individual Household Toilet Improvement:**

30. The sanitation improvement basically includes the individual household toilet improvement. The proposed town project is declared as open defecation free (ODF) area. During Socio-economic survey, it was found that there are 60 households below poverty line without toilet. Other BPL households (pit type toilets = 193, watershed toilets = 406, and total below poverty = 659 households) has temporary insanitary pit type of toilets which shall have to be upgraded or improved as water sealed type. The low income group will be encouraged to construct water sealed toilet in their own land providing OBA grant. Therefore, land acquisition is not required for household toilet. The BPL households will be identified on the basis their economic status for OBA Grant. OBA grant will be provided to those households who are living below poverty line (NPR 13,500 per month based on the Nepal Living Standards Survey 2010/2011 updated in 2020 by UWSSP). During the project implementation period the WUSC will publish the notice in local language in local newspaper/FM radio for selection of OBA recipients among the low income group households. The team of stakeholder (representatives of the Panchkhal Municipality, Water User and Sanitation Committee, and Design Supervision Monitoring Consultant, GESI expert and Social Mobilizer will verify the collected form; field observation will be made and then finalize the final nominee. The approved below poverty line calculation sheet has been attached in **Annex-7**.

31. The detail of the water supply system, RVT, BPT, major water supply components are presented in schematic diagrams presented below.

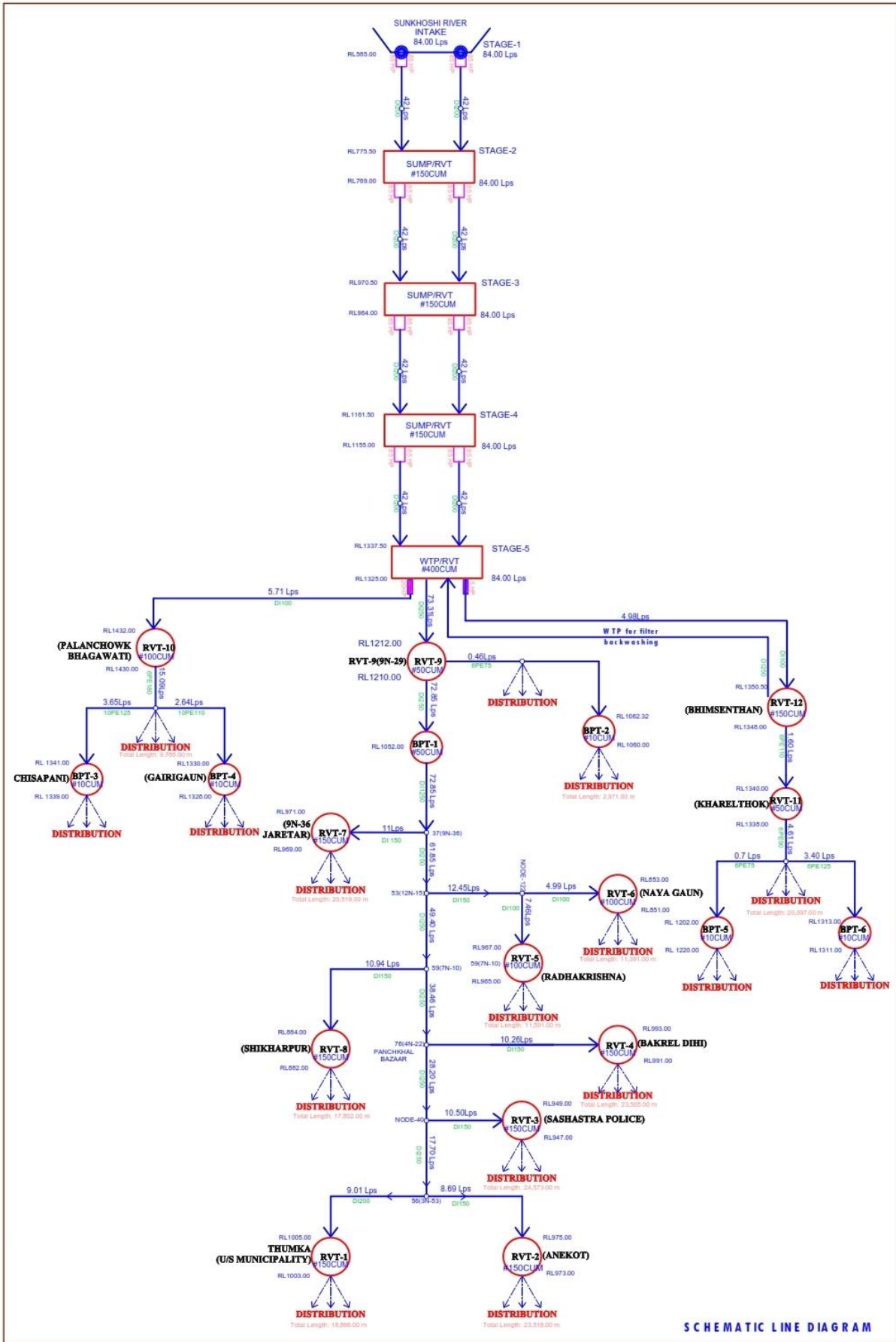


Figure 2: Schematic Diagram

### III. FIELD WORK AND PUBLIC CONSULTATION

#### A. Outline of Field Work

32. The team visited all locations and collected basic information of intake, WTP and reservoir location and service area. All components are located outside the rightof way of the river and above the flood plain. The team has informed WUSC to take the ownership of land for the construction of structures, intake. Also informed to the WUSC to register the source as per government rule and regulation. The team finalised that water source has been registered as per government rules and regulation act 2050 the document attached in Annex 1k.

33. In 29-30, December 2017, field inspection of proposed subproject facility locations and pipeline alignments that had been identified was undertaken. These included field visit to the identified sites and alignments and stakeholder consultations. Field visits to all proposed sites, RVTs, WTP location, transmission main alignments, distribution pipeline alignment and consultations with stakeholders were conducted to confirm land ownership and use, the need for surveys and further consultations. Available no objection letter or land-related documents for land use from municipality/community forest user committee were also collected during fieldwork.

34. In 26 August 2019, field visit and meeting with a local resident, ward chairpersons of ward no. 6, ward no. 9, ward no.11 and elected ward member of ward no. 3 was carried out for finalization of land area and its use. During the field visit main WTP/ RVT 400 cum location at ward no.9 near to Bhimsen temple, RVT-12, BPT at different location especially Kharelthock, Manegaun, Thumka area ward number 3, Paisedhara in ward number 6 were visited. Transect walk along the main transmission pipeline alignments, pumping station stage 4 to 1, proposed sump-well sites on sunkoshi riverbank, RVTs, WTP location, distribution pipeline alignment BPT location together with WUSC chairman, members, local government representatives, community forest user group committee member and official-in-charge of municipal water supply branch of Panchkhal Municipality has been carried out. Land location and document of land and using scenario were verified.

35. Main pumping station stage -1 area lies on the riverbank of Sunkoshi river in the barren land of ward no 10 in Bhumlu Rural Municipality. Stage- 2 and 3 pumping area also located at ward no. 10 of same Rural municipality. Stage- 4 pumping area are located at ward number 9 of Panchkhal Municipality inside the Naule community forest/ Government land. Main WTP, RVT400cum are located at near the Bhimsen temple ward no. 9 in the top of 1350m above MSL.

**Table 2b: Pipeline Trench Details**

Pipeline Trench Details	Pipe Diameter- $\phi$ (mm)	Width (mm)	Depth (mm)
For PE & GI	Upto 40mm	450	900
For PE & GI	63 to 1125	600	900
For PE & GI	140 to 160	Higher of 600 of $3\phi$	1000
For PE & DI	150 to 250	Higher of 600 of $3\phi$	1000
For PE & DI	150 & larger	$3\phi$	1000

Source: Detail Engineering Design Report

36. Minimum size of pipe is 40 mm and maximum is 250 mm. Nearly 1 meter wide space will be needed for excavation and pipe laying work. According to the local governance

implementation act 2074, Municipality and Rural Municipality is the authorising agency. Local government has decided to make atleast 13 ft widening road each and every internal road in municipality. Hence, Panchkhal Municipality, Bhumlu Rural Municipality and forest user committee have given permission to WUSC for necessary constructon work. Consent letter is attached in Appendix-1.

## **B. Consultation**

37. The numbers of consultations meeting were undertaken with key stakeholders in line with ADB's requirements pertaining to the environment and social considerations during the planning phase and feasibility study phase. Tools used for consultation were stakeholder meetings and interviews. During project preparation, five formal stakeholder meetings were held with 343 persons in Sunkoshi Panchkhal Town (Mayor/Deputy Mayor, executive officer of Municipality and WUSC chairman, representative of main WUSC body and women groups). Similarly, discussions, interaction and interviews of local users were held within proposed project sites of Panchkhal municipality to understand their key concerns related to the project. Inclusion of the poor in the drinking water scheme was also discussed. Required modality, role, and responsibility of stakeholders, approach, and requirements of the project including land to construct various structures were disseminated and well informed for effective implementation of the program. Likewise, modality of financial arrangement (up cash contribution of 5% by WUSC/users, 25% loan by Town Development Fund (TDF) and 70% grant by government) for the urban town's project were disseminated.

38. Reconnaissance surveys conducted along proposed/accessible pipeline alignments to identify the need for surveys and inventories; however, no structures were found and it was assessed based on field visits that temporary impacts could be easily avoided.

39. In 26 August 2019, Interaction with ward chairperson of ward chairperson of ward number 11 visited the WTP, RVT and BPT locations and provided consensus letter. In ward number 6 chairperson of ward number 6 visited the RVT location with the safeguard team and helped to clear the land boundary. Similarly, elected Community forest User Committee chairman of Bhaisekhola Community forest User Committee visited the site in Thumka area and helped to clear the land boundary.

**Table 3: Public Consultation**

SN	Meeting Date	Fecilitator	Venue & Participation	Topic of Disemination/Discussion	Concerns/ Issues Raised	Recommended Measures
1.	09- Sep-2019	ADB mission Team/PMO/TDF/DSMC	Panchkhal municipality office	Project discription and modality, cost sharing,	project implementation	all are positive and comitted to project implementaiton, <b>Annex2a</b>
2.	26- Aug-2019	Social safeguard Specialist	Ward no.11 office,Ward chairman of 9, 6 and 11 WUSC chairman, local and existing water supply staff. Male: 9 all male Female: 0	Discussion on the requirements for acquiring land for project no objection letter from ward office, Land within the community forest and consent letter government land in an appropriate location for public toilet no objection letter.	Municipality and ward office is the permission granter?	Ward chairman of different wards and municipality recommended that required consent letters will be. <b>Annex2b</b>
3.	October 06, 2018	Sociologist/ Design Engineer, Water Supply and Sanitation Engineer	Panchkhal Municipality meeting hall, Kavre Honorable, Minister of Information & Communications Mayor- Executive Officr, Deputy Mayor, Wards Chairman, Chairman of WUSC,representative of WUSC executive body and local user Total: 144 Male:87 Female: 57	Presentation of Detail design , disemination of UWSSP approach, modality, role & responsibility of various stakeholders, Cost Sharing & Recovery etc	Stakeholder meeting	Minister, elected representatives and stakeholders committed for project implementation. <b>Annex2c</b>
4.	29- Dec-2017	Sociologist/ Design Engineer, Water Supply and Sanitation Engineer & Survey Team	Panchkhal Municipality Office, Kavre Mayor, Deputy Mayor - Executive Officr, , Wards Chairman, Chairman of WUSC,representative of WUSC executive body	Kick off meeting for field survey (Social and Technical), Briefing on proposed tproject Initial meeting for delineation of service area, preparation of social and technical survey works	Methods of survey and assistance required	WUSC committed to support for the survey <b>Annex2d</b>
5.	29-30, Dec-2017	„	Radhaswami Satsang Hall, Panchkhal Male: 12 Female:12	Orientation to field coordinator, enumerator and stakeholders	Consultation with WUSC staff and field Staff	<b>Annex2e</b>

## IV. LAND AVAILABILITY AND RESETTLEMENT IMPACTS

### A. Finding

40. The system will extract about 5.79 MLD ( pumping discharge 84lps for 20hour in a day including filter backwash) water during design year. This is very nominal in comparison with water available in large snow-fed perennial Sunkoshi River which has 90% reliable flow of 126 m<sup>3</sup>/s (126 x 103 lps). Thus no downstream impact is anticipated as a result of nominal extraction of the water for Panchkhal project. The socioeconomic study shows that no consumptive use of water has been noticed upto 4 km downstream of the proposed Sunkoshi River. The settlement area is observed to be situated at far downstream and adequate water will continue to be available for the users. The proposed water source is not used nearby the neighbouring settlements. During construction works at Intake/Sump well site, chances of contamination of the source water due to carelessness in the sanitation behaviour of workers will be avoided by implementing effective environmental management plan for camp site. Water quality altered due to project activities can be recovered naturally after certain duration through self purification capacity of the rivers. . The primary data on the discharge of the river is not available. The downstream analysis will be conducted during construction period and will be reported in Semiannual Environmental Monitoring and Semiannual Social Safeguards Monitoring reports.

41. Panchkhal Urban Water Supply and Sanitation Project have been conceptualized as a piped water supply system using river water lifting as sources. The four stages lifting system (upto treatment plant) will be applied. This section deals with land requirement for different components of the proposed town project and resettlement impacts.

42. Land at 23 different locations is required for construction of project components such as sump well, RVTs, treatment unit, office building, guard house and public toilet construction. All other water supply components such as transmission mains and distribution network are proposed on government land and public road right-of-way.

43. In Sunkoshi river bank is the place of first stages of pumping area. There are four pump station and one guard house and generator house is required. The WUSC has identified nearly 6112 Sqm (12 Ropani) lands on the river bank in Bhumlu rural municipality ward no 10. Stage- 2 and 3 pumping area also located at ward no. 10 of same Rural municipality with in Naule Community forest. Stage- 4 are located at ward number 9 of Panchkhal Municipality/ Government land. Main WTP, RVT400cum are located at near downstream of the Bhimsenthan Mandir ward no. 9 in the top of 1334m above MSL. Remaining other RVT, BPTs are located in respective ward, which is clearly mention in 4 & 5 Table. All these lands are public/ government. As field observation reveals that lands in all sites are barren without any public or private structures and free of encroacher / squatter settlement/informal users. For use of the land; Bhumlu rural municipality, Panchkhal municipality and community forest user community has granted the letter of permission to WUSC which is attached in Annex-1. Therefore, there will be no Involuntary Resettlement and Indigenous People impacts due to land use.

44. One gender friendly public toilet is proposed at Tamaghat Bazar, ward 4 in the project municipality. The toilet will have 6 unrial channel, 2 pans, 2 washbasin and 1 shower for male user ,2 pans separate units, 2 washbasin and 1 shower for female user in a separate compartment from the men's toilet; along with the unit for disabled person who is suffering by a physical impairment. WUSC identified the land in Tamaghat Bazar ward no 4 with land parcel number 257. The ward office has been granted the letter of permission to WUSC which is attached in Annex-1g.



## **B. Involuntary Resettlement**

45. As mentioned in ADB's Safeguard Policy, the involuntary resettlement safeguards basically covers physical displacement (relocation, loss of residential land, or loss of shelter) and economic displacement (loss of land, assets, access to assets, income sources, or means of livelihoods) as a result of (i) involuntary acquisition of land, or (ii) involuntary restrictions on land use or on access to legally designated parks and protected areas.

46. Nearly 16810.04 square meter of land for construction of different project components is required, which has been identified and obtained by WUSC at different sites as required. Most of the land sites are Public / Government land. For the public land use WUSC has already got consent from Municipality and concerned Community Forest Users Committees. No settlement will be adversely affected and no need of physical displacement. The adverse impact of the project is minimal and no need of compensation. The details of land requirement and IR/IP impacts are discussed below under separate section-Land Availability and Resettlement Impact.

## **C. Indigenous Peoples**

47. According to the ADB's Safeguard policy, the Indigenous Peoples safeguards are activated if a project directly or indirectly affects the dignity, human rights, livelihood systems, or culture of Indigenous Peoples or affects the territories or natural or cultural resources that Indigenous Peoples own, use, occupy, or claim as an ancestral domain or asset. The term Indigenous Peoples is used in a generic sense to refer to a distinct, vulnerable, social and cultural group possessing the characteristics such as self-identification as members of a distinct indigenous cultural group; geographically distinct habitats or ancestral territories; distinct customary cultural, economic, social, or political institutions; and a distinct language.

48. The field observation reveals that all the settlements / clusters in the service area are heterogeneous in terms of caste/ethnicity and no specific territory of indigenous people has been observed. Furthermore, in the context of service area, belonging to the indigenous group does not necessarily mean that they are underprivileged. In the service area is mostly dence by indigeneous people as well marginalized Danuwar and pahari group.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. Within the service area universal coverage(100%) is applied. Most of the inigeneous people are highly benifited by the project rather than adverse impact. It is the basic norms of the UWSSP. The Panchkhal urban project lies in the Panchkhal municipality the deputy mayor of the municipality represented from marginalized community as well as women. This fact the project town is highly respected to the indigineous people.

## **D. Mitigation Measures**

49. Most of the components of the Panchkhal Water Supply and Sanitation sub project will be constructed in WUSC or Government land. All sites are free from settlement. There will be no adverse impact.

50. Temporary impacts of transmission and distribution network laying and house connections will be limited to temporary disturbance in access to shops and residences. The contractor will be required to provide signs at appropriate locations indicating available alternate access routes for movement. The contractor will have to ensure access to shops and residences using simple wooden walkways where required and limit the excavation to 200 m at a time to minimize disruption. No road closures are anticipated during construction; contractor to undertake construction on one side of the road first and on completion of the

same start work on the other side to minimize impact on traffic. Provision of house connections may cause temporary disruptions in access to residences during construction. The contractor will be required to maintain access. Construction contracts will include the above provisions.

51. Available documents regarding land use permission and photographs of the proposed sites for water supply facilities are annexed to this due diligence report (Annex-1 and Annex-6). The details of land availability and ownership of proposed sites for the town project are given in table below.

**Table 4: Proposed water sources and intakes**

SN	Component/ Source	Type of stream	Location of Source/components	Amount of water for diversion	Status	Land Ownership	Minimum land Required	IR Impact	Land Area Available	Documents details	
1	Sump well at Sunkoshi river bank .	Pere- nnial	Bimire Dovan, Bhumlu rural Municipality, ward no. 10	84 lps	Proposed	GoN land/ Bhumlu Rural Municipality- 10, NoC Received.	4580 sq. m (9 Ropani)	None	5087.36 sq. m (10 Ropani)	Approval received from Municipality, <b>Annex -1a</b>	
	Guard House (GH1 =4.5m×3m)									Proposed	The parcel no.257 former Dolalghat Vilage Development Committee -3
	Generator House for 160 KVA ( Gen1=5.7m x 5.2m )										
2	Sump well Stage 2 pumping/ RVT150 Cum		Bhumlu rural Municipality, Naule community forest, ward no. 10		Proposed	GoN land/ Bhumlu Rural Municipality- 10, NoC Received	764 sq. m (1.5 Ropani)	None	1017.47 sq. m (As per need out of 2 Ropani)	Approval received from Naule Community forest/Municipalit, <b>Annex-1b</b>	
	Guard House (GH1 =4.5m×3m)										
	Generator House for 160 KVA (Gen1=5.7m x 5.2m)										
3	Sump well Stage 3 pumping/ RVT150 Cum		Naule Community forest, ward no. 10		Proposed	GoN land/ Bhumlu Rural Municipality- 10, NoC Received	764 sq. m (1.5 Ropani)	None	1017.47 sq. m (As per need out of 2 Ropani)	Approval received from Naule Community forest/ Municipality, <b>Annex-1b</b>	
	Guard House (GH1 =4.5m×3m)										
	Generator House for 160KVA (Gen1=5.7m x 5.2m )										
4	Sump well Stage 4 pumping/ RVT150 Cum		Dandagaun, (former Sathighar-6)		Proposed	GoN land, Panchkhal Municipality, ward - 9	764 sq. m (1.5 Ropani)	None	1017.47 sq. m (As per need out of 2 Ropani)	Approval received from Municipality, <b>Annex-1c</b> plot no. 244	
	Guard House (GH1 =4.5m×3m)										
	Generator House for 160KVA ( Gen1=5.7m x 5.2m )										

**Table 5: Proposed and existing water treatment plants and reservoir tank**

SN	Component	Capacity	Status	Service area	Land Ownership	Minimum Land Required	IR Impact and		
							Mitigation Measures	Location of Major Components	
							Ward nos.	Document Details/ Remarks	
1	Water Treatment Plant location		New	Entire project area	Government/ Panchkhal Municipality	4580 sq. m (9 Ropani)	Vacant barren land. No non-title users and squatters. No IR impacts anticipated. "No objection letter" received from Municipality.	Ward No.9	Consent letter received from ward office 9/Dandagaun, <b>Annex-1c</b>
	WTP/RVT	400 cum							
	Collecton Chamber	3m*3m	New	Entire project area					
	Mixing Basin	3m*3m	New						
	Floculator	4 unit each(7.5m x2.5m x1.2m)	New						
	Sedimentation Unit	4unit each (19.5m x6.5m x3m)	New						
	Rapid Filter								
	Sump Chamber at each stage	(9m×4m)	New						
	Dozing pump and chemical store room	9.45m×8.3m)	New						
	Guard house GH2	(5.05x 5.8m)	New						
Generator House and pump control room	(11m×7.3m)	New							
2	RVT 1	150 cum	New		Government/ Panchkhal Municipality	127 sq m	Municipality /Government land , Vacant barren land, No objection letter received from Municipality No non-title users and squatters. No IR impacts anticipated.	Thumka , Ward no. 2	Consent letter from Vaisekhola Commuity forest, Plot no. 136. <b>Annex-1j</b>

SN	Component	Capacity	Status	Service area	Land Ownership	Minimum Land Required	IR Impact and	Location of Major Components	
							Mitigation Measures	Ward nos.	Document Details/Remarks
	Guard house GH1	(4.5m×3m)	New						
3	RVT 2	150 cum	New		Government/ Panchkhal Municipality	Required: 127 sq m	The proposed site is under community forest. A small piece of land only be used for the construction of project structures, so it does not affect the community forest users mobility/access and livelihood. Community will continue to have access to remaining forest land. No objection letter provided by the community forest users committee. There is no non- title users, squatter settlement.	Pnachkhal, Ward no. 2	Consent leeter from Kalidaha Commuity forest. <b>Annex-1K</b>
	Guard house GH1	(4.5m×3m)							
4	RVT 3	150 cum	New	Ward no. 3 area	Government/ Panchkhal Municipality, Under community forest, No objection letter received	Required: 127 sq. m	The proposed site is under community forest. A small piece of land only be used for the construction of project structures, so it does not affect the community forest users mobility/access and livelihood. Community will continue to have access to remaining forest land. No objection letter provided by the community forest users committee. There is no non- title users, squatter settlement. With in the community forest unused vacent land . No non-titled users. No IR impact. No tree cut open barren land	Ward no. 3	Thuli Community forest, <b>Annex-1L</b>
	Guard house GH1	(4.5m×3m)							
5	RVT 4	150 cum	New		Government/ Panchkhal Municipality	Required: 377 sq. m	Vaccant unused government land; no non- title users. A new RVT of capacity 150 cum will be constructed at the site.	Ward no. 6,	Consent letter from ward office, <b>Annex- 1h</b> , parcel no. 1014 and 313
	Guard house GH1	(4.5m×3m)				Available: 1 ropani			
6	RVT 5	100 cum	New	Ward no. 10 area	Government/ Panchkhal Municipality	Required: 127 sq. m	Vacant unused government land; no non-titled users. A new RVT of capacity 100 cum will be constructed at the site.	Ward no. 10 (Devbhumi Baluwa-8), Radhakrishna	Recommendation etter from ward office 10, <b>Annex-1d</b> . parcel no. 1056 former Devbhumi Baluwa-8
	Guard house GH1	(4.5m×3m)				Available: 5087.36 sq. m			
7	RVT 6	100 cum	New	Ward no.12	Government/ Panchkhal Municipality	Required: 136 sq. m	The proposed site is under community forest. A small piece of land only be used for the construction of project structures, so it does not affect the community forest users mobility/access and livelihood. Community will continue to have access to remaining forest land. No objection letter provided by the community forest users	Ward Number 12	Karkitar Community Forest, <b>Annex-1f</b>
	Guard house GH1	(4.5m×3m)				Available: 254.36 sq. m			

SN	Component	Capacity	Status	Service area	Land Ownership	Minimum Land Required	IR Impact and		Location of Major Components	
							Mitigation Measures	Ward nos.	Document Details/Remarks	
							committee. There is no non-titled users, squatter settlement. Vacant unused government land;			
8	RVT 7	150 cum	New	ward no. 9	Government/ Panchkhal Municipality	Required: 377 sq. m	Vacant unused government land; no non-titled users. A new RVT of capacity 150 cum will be constructed at the site.	Ward no. 9, Jaretar (Thulipal)	plot no 316	<b>Annex-1C</b>
	Guard house GH1	(4.5m×3m)				Available: 2 Ropani				
9	RVT 8	150 cum	New	Ward number 7 area, Shikharpur (former Hoksebazar-3)	Government/ Panchkhal Municipality	Required: 377 sq. m	Vacant unused government land; no non-title users, squatter settlement. Vacant unused government land. NO IR/IP impact.	Shikharpur Ward no 7	(former Hoksebazar-3) now ward no. 7	<b>Annex1I</b>
	Guard house GH1	(4.5m×3m)				Available: 5087.36 sq. m (1 ropani)				
10	RVT 9	50 cum	New	Ward no. 9,	Government/ Panchkhal Municipality	Required: 71 sqm	Vacant unused government land; no non-titled users. A new RVT of capacity 50 cum will be constructed at the site.	Ward No.9	plot no. 100 Topal danda,	<b>Annex-1c</b>
	Guard house GH1	(4.5m×3m)								
11	RVT 10	100 cum	New	Palanchok Bhagbati temple area in Ward no. 9	Government/ Panchkhal Municipality	Required: 127 sqm	Proposed new RVT 10. Land is barren government land with no non-titled users. The authorities have provided an NOC for construction of the proposed reservoir at the site.	Ward No.9, Palanchok Bagbati	Sathighar ward no. 6 Plot no 100,	<b>Annex-1c</b>
	Guard house GH1	(4.5m×3m)								
12	RVT11	50cum	New	Kheralthok, ward no 11	Government/ Panchkhal Municipality	71.6 sqm	Proposed new RVT -11, proposed in barren government land with no non-titled users. Panchkhal Municipality has been provided an NOC for construction of the proposed reservoir at the site.	Ward no.11, Karelthok	Letter received from Ward office, <b>Annex-1e</b>	
	Guard house GH1	(4.5m×3m)							parcel no. 58 of former Kheralthok-1	
13	RVT 12	150 cum	New	Filter	Government/	Required:	This is also barren Gov land. No non-title user, squatter	Ward No.9,	<b>Annex-1c</b>	

SN	Component	Capacity	Status	Service area	Land Ownership	Minimum Land Required	IR Impact and	Location of Major Components	
							Mitigation Measures	Ward nos.	Document Details/ Remarks
	Guard house GH1	(4.5m×3m)		backwsh RVT	Panchkhal Municipality	71 sqm	settlement. Vacant unused government land. No IR impact.	Bhimsenthan (Sathighar -8 Dashainghar)	plot no 48,
14	BPT 1	50 cum	New		Government/ Panchkhal Municipality	71.6 sqm	Proposed BPT will be construct on along the road within ROW.	Ward No.9	Sathighar 3,Vetwalthock plot no.230, <b>Annex-1c</b>
15	BPT 2	10 cum	New		Government/ Panchkhal Municipality	8 sqm	Proposed BPT will be construct on along the road within ROW.	Ward No.9	Sathighar 3,Shyalpokheri plot no.270, <b>Annex-1c</b>
16	BPT 3	10 cum	New	Ward no 9	Government/ Panchkhal Municipality	8 sq. m	Proposed BPT will be construct on along the road within ROW.	Ward No.9	Sathighar 4,Chisapani plot no.63, <b>Annex-1c</b>
17	BPT 4	10 cum	New	Ward no 9	Government/ Panchkhal Municipality	8 sq. m	Proposed BPT will be construct on along the road within ROW.	Ward no.9	Sathighar 7,Batulichour plot no.473, <b>Annex-1c</b>
18	BPT 5 and 6	10 cum	New	Ward no. 12	ROW of Road		Proposed BPT will be construct on along the road within ROW.	Ward no 12,	Right of way of Government Road.
19	Public Toilet		New	Entire community	Government/ Panchkhal Municipality	103 sq. m	Vacant unused government land; no non-titled users. No IR Impact anticipated	Ward no 4	Approval letter received from ward office, Tamaghat Bazar ward no 4, land parcel no. 257 <b>Annex -1g</b>
20	Office building				Panchkhal Municipality	Required land: 150 sq. m	Within the compound of existing Municipality office area, no IR Impact anticipated, No structure exists in the allocated area.	Ward no. 3	Approval letter received from Municipality, Annex -1n (Formar Panchkhal VDC ward no. 5 with parcel number 326, present Ward no 3,Panchkhal Municipality)
	Guard house GH1	(4.5m×3m)				Available land: 6107 sq. m			

**Table 6: Valve chamber and fire hydrant**

SN	Item	Quantity/Length	Location/Service Area	Involuntary Resettlement Impact
1	Valve Chamber		Alignment	Ownership is with Government of Nepal. To be provided within the ROW of existing government roads. Access to shops and residences will be ensured by the contractor and temporary economic impacts avoided. Traffic disruptions will be managed through a proper traffic management plan. No IR impact anticipated.
	RCC	25		
	Brick	30		
2	Gate Valve	20		
3	Fire Hydrant	25	Main Junction of road,	

**Table 7: Total design length of pipes used in distribution**

S N	PE Pipes	Length of PN 6 Pipe (m)	Length of PN 10 Pipe (m)	Length of PN 16 Pipe (m)	IR Impact	Mitigation Measures
<b>A</b>	<b>PIPE DETAILS</b>					
	50 OD PE Pipe	0	20954	19452	All alignments proposed within existing ones, GoN/RoW. No IR impacts.	Contractor will have to ensure access through simple measures such as provision of planks as per EMP provisions, which will be specified in the contract document.
	63 OD PE Pipe	0	9702	7928		
	75 OD PE Pipe	7862	3208	8339		
	90 OD PE Pipe	8117	10678	7227		
	110 OD PE Pipe	6644	1508	3584		
	125 OD PE Pipe	2780	3798	7061		
	140 OD PE Pipe	4761	3698	2891		
	160 OD PE Pipe	5332	3123	3745		
	180 OD PE Pipe	2254	1302	2478		
	200 OD PE Pipe	4105	1519	1446		
	225 OD PE Pipe	5005	4409	0		
	250 OD PE Pipe	301	126	0		
	280 OD PE Pipe					
	315 OD PE Pipe					
	Total	47161	64025	67424		
<b>B</b>	<b>METTALIC PIPE</b>	Length of Galvanized Iron Pipe(m)	Length of DI Pipe(m)			
		12445	44626			
	Sub Total					
	GRAND TOTAL			235,681		

52. All structures are located in government land for which Municipality and community forest groups have given no objection certificate for the use of land to Phanchkhal urban water supply and sanitation user committee. Land ownership certificate is not applicable as the land belongs to government. The IEE report explicitly states no trees will be cut. However, for any unanticipated cutting of trees during the implementation phase, the project will ensure that PMO/RPMO obtain appropriate clearance (forest clearance or tree cutting clearance). No civil works will commence unless forest clearance or tree cutting clearance, if required, is obtained. PMO to report status in the Semiannual Social Safeguard Monitoring Report (SSMR).



## **V. CONCLUSIONS**

### **A. Summary and Conclusion**

53. All locations including intakes, water treatment plant and storage reservoir have been identified. The water supply components are proposed to be constructed in the land owned by Municipality, WUSC and GoN land. Field visit and observation has been made in field and documents study clear that there is no any private land purchased through a negotiated settlement. The distribution network will be on government land (ROW of government road). The proposed water supply scheme of the municipality is not assessed to have any significant impact on private or institutional land. It is not likely to have any impacts on private or public structures. The subproject is not assessed to have any impact on land and livelihood of poor and vulnerable people.

54. The impacts of project construction activities will be minimal and no need of physical displacement (relocation, loss of residential land, or loss of shelter) and no economic displacement (loss of assets, access to assets, income sources, or means of livelihoods). Nearly 13106.75 square meters land is required at different 23 sites for construction of project structures such as Sump Wells, RVTs, Treatment Units and Office Building.

55. For the use of public/government land and Community Forest Lands, WUSC has got consent from Municipality which is appended to this report (Annex-1). There are no permanent involuntary resettlement and indigenous peoples impact due to construction works. Any unanticipated involuntary resettlement impacts found during project implementation shall be addressed as per the agreed entitlement matrix in the Resettlement Framework and a Resettlement Plan will be prepared.

56. The composition of community by caste/ethnic is heterogeneous in nature. Diversity of culture, custom, tradition, norms and values are existing in the project area. The household survey of the sub project area has also reflected the cross section of major ethnic groups of the country. Mainly Tamang, Danuwar and Pahari indigenous people groups are the main indigenous people of the service area. Highly marginalize community women member is the deputy mayor of the municipality.

57. The WUSC policy and rules reflect that all are treated equally and there is no discrimination on receiving water supply service based on ethnicity and caste. The project's framework for inclusion of poor and vulnerable households in project benefits will ensure that all indigenous people's households are included in project benefits. The project ensured 100% household water connections (including to indigenous peoples households). Furthermore, there is a provision of Output Based Aid program which address poor Indigenous peoples households for tap connection toilet construction, who do not have household toilets.

58. There will be no adverse Involuntary Resettlement and Indigenous People impact from the sanitation component (public toilet), distribution lines, valve chambers and treatment facilities. All the proposed location and alignments are located in public places or along the right of way of roads.

59. Any unanticipated involuntary resettlement impacts found during project implementation, shall be addressed as per the agreed entitlement matrix in the Resettlement Framework. The draft DDR will be updated and ADB's No objection obtained, prior to start of construction.

### **B. Next Steps**

60. The draft DDR will be updated based on detailed measurement surveys, prior to start of construction. Records of land ownership from land reform and management office approval provided by municipality/ward chairman will be provided in the updated DDR. Photographs of each minor BPT site and downstream analysis of intake site will be also included in updated DDR. Any unanticipated involuntary resettlement impacts found during project implementation shall be addressed as per the agreed entitlement matrix in the Resettlement Framework. This draft and the updated DDR will be disclosed on ADB and project websites, upon clearance by PMU and ADB.

## **ANNEXES**

Annex-1

**Recommendation and Approval Letter from Municipality and  
Community Forest Users Committee**

**Annex-1: Recommendation and Approval letter from Municipality and  
Community Forest Users Committee**

a. Bhumlu ward number 10, Construction of Intake works at Bimire Dovan

**Bhumlu Rural Municipality  
10 No. Ward office, Dolalghat, Kavrepalanchok  
3 No. Province, Nepal**

Letter no.2076-77

Date: August 28, 2019(2076-5-11)

Referenceno.71

To,

Sunkoshi Panchkhal Water Supply committee, Panchkhal Kavre  
Kavre

**Subject: Approval letter for land**

In reference to the above subject, as per the letter received from Sunkoshi Panchkhal Water User's and Sanitation Committee, Panchkhal vide letter Ref no 2076-77-191 dated 2076-5-9, requesting us to provide 9 ropani out of 10 ropani land owned by the government with land parcel no 257, at Bimire Dovan near Sunkoshi riverside (former Dolalghat VDC-3), now Bhumlu Rural Municipality-10 for constructing a water tank along with other required components of the water supply system, the Municipality has decided to comply with the same.

Note:

Required land: 9 Ropani (4580Sqm)

Available land: 10 Ropani (5089.219 Sqm)

Chitra Bahadur Lama  
Ward Chairman



**भुम्लु गाउँपालिका**  
**Bhumlu Rural Municipality**

१० नं. वडा कार्यालय, दोलालघाट, काभ्रेपलाञ्चोक  
10 No. Ward Office, Dolalghat, Kavrepalanchok

पत्र संख्या(Letter No.): २०७६-७७-

३ नं. प्रदेश, नेपाल

चलानी नं.(Ref. No.): ७१-

3 No. Province, Nepal

मिति(Date) २०७६-१०-११

श्री सुनकोशी पांचखाल स्थानेपानी,  
उपग्रह समिती पांचखाल,  
काभ्रे।

विषय:- जग्गाको विधारीत सम्बन्धमा।

प्रस्तुत विषयमा सुनकोशी पांचखाल स्थानेपानी उपग्रह समिती पांचखाल को प.सं.२०७६-७७-च.नं.१५१-सि. २०७६-१-५-को पत्र प्राप्त भई ग्रहोरा अबगद अफो लो सम्बन्धमा मुम्लु गा.पा. वडा.नं.१०-मिति पत्र सुनकोशी नदीको किनार विमीट गर्ने स्थानमा साबिक पोलाल घाट गा.सं.सं. ३-हाल मुम्लु गा.पा.१०-मिति पत्र नं. १.१.२५७-को साबिक जग्गा जग्गा, समवेत, स्थानेपानी स्थानेपानी जग्गा अन्य सम्बन्धमा निर्माण गर्न साबिकको जग्गा दिने निर्णयको ग्रहोरा विधारीत साथ अन्तरोप गर्नुहुं।

नोट:- बाहिनै जग्गा, ५-रोपनी  
उपलब्ध जग्गा १०-रोपनी

२०७६-१०-११  
चित्र बहादुर लामा  
वडा अध्यक्ष

b. Naule Community forest User Committee

**Naule Community forest User Committee**  
**Dolalghat-3, Naulegaun, Kavere**

Letter no.

066/77

Refer no. 2

Date: August 22, 2019 (2076-10-20)

**Shree Sunkoshi Panchkhal Water User and Sanitation Committee**

Panchkhal, 3

**Subject: Recommendation**

With referenced to the captioned subject, the Naule Community Forest Group has decided in the meeting on BS 2076.10.20 to give 2 ropani of land for the construction of each of the sump well no 2 & 3 amongst various components of the Sunkoshi Panchkhal Water Supply and Sanitation project at Bhumlu Rural Municipality, ward no 10 under the Naule Community Forest Group.

**Note : Sump well 2,3 means Stage 2 and three pumping.**

Tirtha Bhadrur Tamang  
Naule Community forest User Committee  
Dolalghat- 3, Naulegaun, Kavere now Bhumlu 10



# मौले सामुदायिक वन उपभोक्ता समूह

दोलासघाट-३ मौलेगाउँ, काभ्रे

स्थापना १९७०

डा. क्र. १०

पत्र संख्या: ०६६/६६  
आवनी नं.: ३

दिनांक: २९.०६.२०७०

श्री सुनसरी वापस  
सुनसरी वापस समूह  
सुनसरी-३

विषय: विपरीत संरक्षण

प्रति विषय सुनसरी वापस समूह सुनसरी  
मौलेगाउँ विभिन्न संरक्षण विभाग पत्र संख्या १९७०  
संख्या १०६ नं. १० मौलेगाउँ विभाग पत्र संख्या १९७०  
संख्या १०६ नं. १० मौलेगाउँ विभाग पत्र संख्या १९७०  
का. संख्या १०६ नं. १० मौलेगाउँ विभाग पत्र संख्या १९७०  
संख्या १०६ नं. १० मौलेगाउँ विभाग पत्र संख्या १९७०  
संख्या १०६ नं. १० मौलेगाउँ विभाग पत्र संख्या १९७०  
संख्या १०६ नं. १० मौलेगाउँ विभाग पत्र संख्या १९७०

श्री सुनसरी वापस समूह  
सुनसरी-३

सुनसरी वापस समूह  
सुनसरी-३

वन विभाग काठमाडौं

**c. Letter from ward no.9**

**Panchkhal Municipality**

**9 No. Ward office, Dolalghat, Kavrepalanchok**

**3 No. Province, Nepal**

Letter no.2076-77

Date: August 10, 2019(2076-5-10)

Reference no.87

Shree Sunkoshi Panchkhal Water User Committee

Panchkhal, Kavrepalanchok

Subject: letter of Approval

With regard to the mentioned subject and requirements of the SunKoshi Panchkhal Water Users and Sanitation Committee to construct necessary water tanks/reservoirs at government/public land parcels as per the following details in the former Bhagawati VDC have been allocated as per decision of the working committee dated (2076/05/05) August 22, 2019 of this Panchkhal Municipality Ward No 9.

S.N	Former VDC	Ward no.	Parcel No.	Required land area (Sqm)	Location	Available land Ropani	Remarks
1	Sathighar	6	100	4580sqm	Danda Gaun	10 Ropani (5089.21Sqm)	Publicland
2	Sathighar	9	100	71.Sqm	Topal Danda	5 Anna (159.31Sqm)	Publicland
3	Sathighar	8	48	71.Sqm	Dashain Ghar	5Anna (159.31Sqm)	Publicland
4	Sathighar	3	316	377Sqm	Thulipipal	2 Ropani (1017.84Sqm)	Publicland
5	Sathighar	3	270	377Sqm	Shyalpokhari	1Ropani (508Sqm)	Publicland
6	Sathighar	3	230	71.Sqm	Vetalthok	5Anna (159.31Sqm)	Publicland
7	Sathighar	4	63	8.Sqm	Dashainghar, Chisapani	4Anna (127 Sqm)	Publicland
8	Sathighar	7	473	8Sqm	Batulichaur	4 Anna(127 Sqm)	Publicland
9	Sathighar	6	244	764Sqm	Dandagaun	2Ropani (1017.84Sqm)	Publicland

Kiran Shrestha,  
Ward Chairman





d. letter from ward no. 10 office

**Panchkhal Municipality**  
**10 No. Ward office, Dolalghat, Kavrepalanchok**  
**3 No. Province, Nepal**

Letter no.2076-77

Date: January 9, 2020, 2019(2076-9-24)

Reference no.423

To, Chairman

Shree Sunkoshi Panchkhal Water User Committee

Panchkhal, Kavre

Subject: Letter of recommendation and approval of Land

In reference to the above subject, after the initial household survey for managing the tap water in every household, under the Sunkoshi Panchkhal Water Supply Project, the Panchkhal Municipality-10 has provided 1 ropani of government land in spite of required land 127sqm with parcel no 1056 at former Devbhumi Baluwa-8 for constructing a water tank.

Narayan Prasad Sapkota  
Ward Chairman



"पाँचखाल नगर-कृषि सहर"

# पाँचखाल नगरपालिका

२०



पाँचखाल नगरपालिका

प.सं २०७६/२०७७

ब.सं : ४२३

मिति : २०७६/०९/३४

श्रीमान अध्यक्ष ज्यू

सुनकोशी पाँचखाल वृहत खानेपानी आयोजना

विषय- जग्गा उपलब्ध गराएको सम्बन्धमा ।

उपरोक्त विषयमा पाँचखाल न.पा. वडा न.१० (साविक देवभूमी वलुवा ८) अन्तर्गत सुनकोशी पाँचखाल खानेपानी आयोजनाको प्रारम्भिक घरघुरी सर्वेक्षण भए अनुसारका उपभोक्ताहरूको घरघरमा खानेपानीको धारा व्यवस्थापन गर्न सो आयोजनाद्वारा सम्पन्न गरिने खानेपानी ट्याङ्की निर्माण गर्न साविक देवभूमी वलुवा ८ को कि.न. १०५६ को सांख्यिक जग्गा भित्र सो योजनाको लागि चाहिने १२० Sqm जग्गा सहित क्षेत्रफल १-०-० बराबरको जग्गा उपलब्ध गराएको व्यहोरा अनुरोध छ ।

नरायण प्रसाद सापकोटा

नारायण वडा-अध्यक्ष  
वडा अध्यक्ष

e. Letter from ward no. 11

**Panchkhal Municipality**  
**11 No. Ward office, Dolalghat, Kavrepalanchok**  
**3 No. Province, Nepal**

Letter no.2076-77

Date: September 3, 2019 (2076-5-17)

Reference no.81

Shree Sunkoshi Panchkhal Water supply User Committee

Panchkhal, Kavrepalanchok

**Subject: letter of Approval**

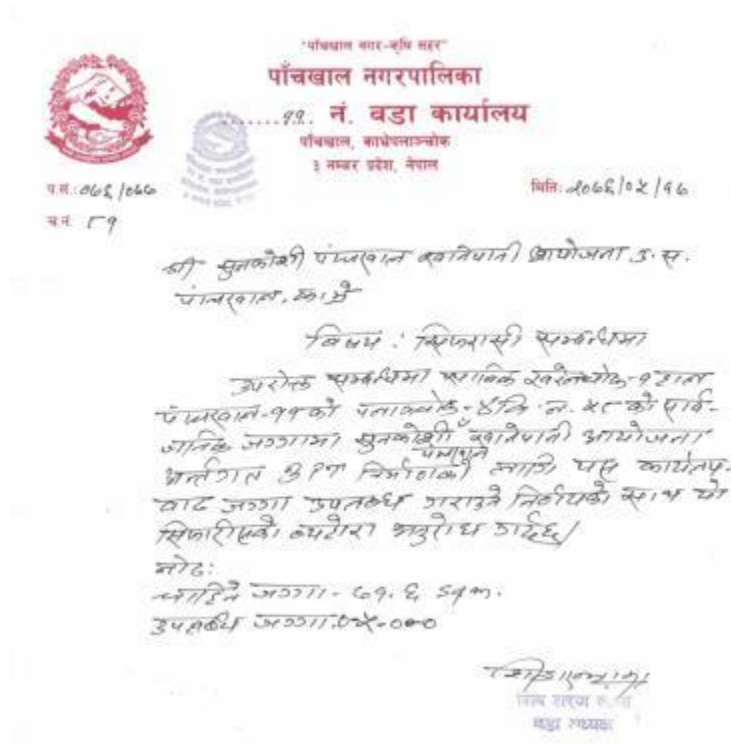
In reference to the mentioned subject, It is requested that the proposed government/public land parcel no. 58 of former Kherelthock-1 (kavre, palanchok -4) recently in Panchkhal Municipality ward No 11 has been allocated for the construction of BPT under the Urban water Supply Project.

Note:

Required land: 71.6Sqm

Available land : 0-5-0-0 (5 Anna= 159.03sqm)

Shiva Saran Lama  
Ward Chairman



f. Karketar Community forest User Committee

**Karketar Community forest User Committee**  
**Panchkhal Municipality, Ward no.12**  
**Karketar**

Letter no.

066/77-04

Date: August 25, 2019 (2076/5/8)

Subject: Letter of approval for construction of water tank

In reference to the above subject, as per the letter received from Sunkoshi Panchkhal Water User Committee office, requesting to provide them with 8 anna of land (385sqm) out of 1 ropani land, for constructing a water tank at Dumridhari jungle, Dodhlyang , Panchkhal Municipality-12, the Karketar Forest Community board committee on 08.05.2076, has decided to comply with the same.

Required Land: 8 Anna (385 Sqm)

Available land: 1 Ropani (1Ropani = 5476sqm)

Surya Bahadur Rai  
Chairman



# कर्कटार सामुदायिक वन उपभोक्ता समिति

पांचबास, पो. बडी, नं. १२

06/06/20



11/11/2020

विषय: सुबकोशी रवावेणी तयारकी निर्माण करी,

उपरोक्त समुदायमा आज मिति 20/06/20 गते कर्कटार सामुदायिक वन समूहको बैठक वसी सुबकोशी रवावेणी तयारकी निर्माण करी करी अर्को अर्को लिफ्टको अर्को डेढा से निर्माण अनुसार पांचबास न.पा. १२ अन्तर्गत कर्कटार सामुदायिक वन समूह चर्च डेढाको मागी दुम्मीदारी जडगलकी डेढामा सुबकोशी रवावेणी तयारकी तयारकी निर्माण करी दिने अर्को बैठक वसी निर्णय गरका छौं।

चाहिले जडा - ८ आना (३८४ Sqm)  
उपरोक्त जडा - १ रोपनी

सुबकोशी  
१. २०  
उपरोक्त

g. Letter from ward no .4

**Panchkhal Municipality**  
**4 No. Ward office, Dolalghat, Kavrepalanchok**  
**3 No. Province, Nepal**

Date: September 5,  
2019 (2076-5-19)

Letter no.2076-77

Referenceno.200

Shree Sunkoshi Panchkhal Water User's Committee  
Panchkhal, Kavre

Subject: Letter of recommendation

In reference to the mentioned subject, as construction of public toilet is an important component of the pride project of the Panchkhal Municipality, it has been decided to provide only 0-8-0-0 (254.46 Sqm) of land out of an area of 2-13-0-0 ( 1432 Sqm)of the land parcel No 257 at Tamaghat Bazaar of Panchkhal Municipality-4 (formerly Panchkhal VDC-6) and recommended for Toilet construction.

Ward Chairman  
Sundar Tamang



"पाँचखाल नगर-कृषि क्खर"

पाँचखाल नगरपालिका

...०५... नं. वडा कार्यालय

पाँचखाल, काभ्रेपलाञ्चोक

३ नम्बर प्रदेस सभाम



सं. ०६६/१०६६

सं. २००

मिति

मिति-२०७६/०५/१९

श्री सुनकोशी खानेपानी उपभोक्ता समिति,  
पाँचखाल, काभ्रे ।

विषय सिफारिस सम्बन्धमा ।

प्रस्तुत विषयमा पाँचखाल नगरपालिकाको क्षेत्रको क्षेत्रमा सुनकोशी पाँचखाल खानेपानी क्षेत्रको विभिन्न संरचना निर्माण अन्तर्गत सार्वजनिक शौचालय निर्माण पनि एक भएकाले पाँचखाल नगरको महत्वपूर्ण बजार पाँचखाल न.पा. वडा नं. ४ अन्तर्गत तामाघाट बजारमा शौचालय निर्माण गर्न काबिक पाँचखाल मा.वि.स. वडा नं. ६ हाल पाँचखाल न.पा. वडा नं. ४ को किला नं. २५३ को क्षेत्रफल २-५३-०-० जग्गा मध्ये ०-०-०-० सार्वजनिक शौचालय निर्माण गर्न जग्गा उपलब्ध गराएको व्यहोरा सिफारिस साथ अनुरोध गरिन्छ ।

सुन्दर तामाङ  
वडा अध्यक्ष



h. Letter from ward no.6

**Panchkhal Municipality**  
**6 No. Ward office, Dolalghat, Kavrepalanchok**  
**3 No. Province, Nepal**

Letter no.2076-77  
Referenceno.94

Date: August 27, 2019 (2076/5/10)

Subject: Recommendation letter for land use

Referring to the caption subject, According to the decision of the ward level working committee meeting which was held on date August 13, 2019 (2076 Shraban 28). The land at upper part of Tiniple bazar near to Barkobot parcel no. 1014 and 313 from these parcel number required land 377 sqm and available land 1 Ropani (5476sqm) has been recommended and granted permission to use for the construction of RVT at ward number 6. Copy of decision also included along with this letter.

Ram Saran Dulal  
Ward Chairman



"सर्वस्वाम नगर-कृषि सहर"

# पाँचखाल नगरपालिका

६ नं. वडा कार्यालय

पाँचखाल, काभ्रेपलाञ्चोक

१ नं. प्रदेश, नेपाल

प.सं.: ०७६/०७७

क.सं.: ६२२

मिति: २०७६/०४/२९

विषय : - जग्गा उपलब्ध गराउने सम्बन्धमा ।

श्री सुनकोशी खानेपानी उपभोक्ता समितिको  
कार्यालय पाँचखाल

उपरोक्त सम्बन्धमा यस पाँचखाल न.पा वडा नं ६ को मिति २०७६/०४/२९ गते यस वडामा बसेको वडा समिति बैठकमा छलफल भई निर्णय भए अनुसार सुनकोशी खानेपानीको टुयाकी बनाउनको लागि तिनपिप्ले बजार माथि बरको थोट नजिकको क्वि नं १०१४२ ३१३को चाहिने जग्गा ३७७ sqm, उपलब्ध जग्गा १ रोपनी बसेन्डी टिप खोरिङ्गपानी टुयाकी नजिकको उपलब्ध गराउने निर्णय भएको व्यहोरा अनुरोध छ । साथै निर्णय प्रतिनिधि उसै साथ संलग्न राखि पठाएको व्यहोरा अनुरोध छ ।

  
रामशरण दुलाल

वडा अध्यक्ष

वडा अध्यक्ष

रामशरण दुलाल  
वडा अध्यक्ष

i. Letter from ward no. 7

**Panchkhal Municipality**  
**7 No. Ward office, Dolalghat, Kavrepalanchok**  
**3 No. Province, Nepal**

Letter no.2076-77

Referenceno.64

Date: August 1, 2019 (2076/4/16)

To,

Sunkoshi Panchkhal Water User's Committee (Main user committee)

Panchkhal, Kavre

Subject: Recommendation letter for land use

In reference to the above subject, the ward office would like to request you through this letter, to provide 1 ropani of land for free of cost, towards the north-east corner of the government's land from the total area of 21-10-13 with parcel no. 113 situated at (formar Hoksebazar- 3) Panchkhal Municipality ward no-7, to construct a water tank for the purpose of providing water to the public in this area.

Puskar Dhakal  
Ward Chairman



"पाँचखाल नगर-कृषि सहर"

# पाँचखाल नगरपालिका

७ नं. वडा कार्यालय

पाँचखाल, काभ्रेपलाञ्चोक

३ नं. प्रदेश, नेपाल

२०७६।०४।१६

मिति :

प.सं. : ०८६/००६

च.नं. : ६४

श्री सुनकोशी पाँचखाल खोपानी आयोजना उ.स.

पाँचखाल, काभ्रे ।

विषय : सिफारिस गरिएको सम्बन्धमा ।

प्रस्तुत विषयमा यस पाँचखाल नगरपालिका वडा नं. ७ साविक होम्सेवजार गा.वि.स. वडा नं. ३ को कित्ता नं. ११३ क्षेत्रफल २१-१०-१-३ ऐलानी पति जग्गाको उत्तर-पूर्व तर्फको कुनामा पानी वितरणको लागि ट्याङ्की निर्माण गर्न आवश्यक पर्ने जग्गा कुल क्षेत्रफलको १-०-०-० रोपनी निसुल्क उपलब्ध गराई सहयोग गर्ने व्यहोरा यस वडा कार्यालयबाट सिफारिस साथ अनुरोध गरिन्छ ।

पुष्कर ढकाल  
वडा अध्यक्ष  
पुष्कर ढकाल  
वडा अध्यक्ष

J. Letter from Vaisekhola Community forest

**Bhaisekhola Community forest User Committee  
Panchkhal Municipality, Ward no.2, Kavre**

Letter no.  
066/77-

Date: August 25, 2019 (2076/5/11)

Subject: About the construction of water tank  
Shree Sunkoshi Panchkhal Water User Committee  
Panchkhal, Kavrepalanchok

Subject: Availability of land

Referring to the caption subject, According to the decision of the community forest user committee meeting which was held on dated 2076 Bhadra 11. The land parcel no. 136 has been recommended and granted permission to use for the construction of distributions RVT at ward number 2 within the community forest area .

Note:

Required land 127 Sqm

Available land: 1 Ropani

Prakash Timelsena  
Chairman



दर्ता नं.: 36-042/43

# मैंसेखोला सामुदायिक वन उपभोक्ता समूह

पाँचखाल न.पा.-२, काभ्रे

स्थापना: २०५३

पत्र संख्या: ०६६/६६

चलानी नं.: ४१

मिति: २०६६/०५/११.....

श्री सुनकोशी पाँचखाल खोपनी उपभोक्ता समिति

पाँचखाल, काभ्रेपलान्चोक ।

विषय: जग्गा उपलब्ध गराउने सम्बन्धमा ।

प्रस्तुत विषयमा सुनकोशी पाँचखाल खोपनी योजनाको कित्ता दर्ताको निर्माण उपरि लगी मैंसेखोला सामुदायिक वन उपभोक्ता समितिको मिति २०६६ भाद्र ११ गतेको बैठकको निर्णयानुसार वि. नं. १३६ को एक सामुदायिक वन क्षेत्र भित्रको भाकापत्र जग्गा दर्ताको निर्माणको लागि उपलब्ध गराउने निर्दिष्ट गरिएको भएकोले भुरिष्ठ ई/

नेट: जग्गिने (भाकापत्र) जग्गा - १३६ Sqm.

उपलब्ध जग्गा - १ रोपनी

सा २०५३

प्रताप निमालिखिता

उपलब्ध

पाँचखाल न.पा - २

K. Kalidaha Community Forest Committee

**Kalidaha Community forest User Committee**  
**Panchkhal Municipality, Ward no.2, Kavre**

Letter no.  
066/77-2

Date: August 8, 2019 (2076/4/23)

To, Chairman  
Shree Sunkoshi Panchkhal Water User Committee  
Panchkhal, Kavrepalanchok

Subject: Recommendation letter for land

In reference to the above subject, as per the letter received from ward office, requesting to provide them with 1 ropani of land (127sqm) for constructing a water tank in an empty space of Thuli Ukali area within community Forest, the Kalidaha Forest Community board committee has decided to comply with the same.

Chairman  
Kalidaha Community Forest  
Committee  
Govinda Prasad Dahal



# कालीदह सामुदायिक वन उपभोक्ता समूह

पाँचताल-१, धुनकोटि, काठमाडौं

स्था २०७१



पत्र संख्या: ०६६/१०६६

पत्रांक नं.: २

मिति: २०६६/१०/१२

श्रीमान् अरुण गुरु,  
धुनकोटि पाँचताल खानेपानी  
समित्वी पाँचताल

विषय: विकारिष दिस्को बोट

प्रस्तुत विषयमा यस कालीदह सामुदायिक वनलाई नया  
कालोलाबाट आएको फल उलुला धुनकोटि पाँचताल खानेपानी-  
का लागि यस सामुदायिक वनको झुली ठडाली क्षेत्रमा खानेपानी  
ट्याङ्की निर्माण गर्नेको लागि आवश्यक जग्गा ११६५१म (१ रोपनी)  
यस नतको कार्य खानेपानी ब्याङ्कको उपलब्ध आराउने विवेक  
गर्नुपर्छ।

कालीदह सा. व उपभोक्ता समित्वी  
अध्यक्ष

गोविन्द पु. दाहाल ३/०२



L. Thuli Community Forest Users Committee

**61. Community forest User Committee**  
**62. Panchkhal Municipality, Kavrepalanchok**

Letter no.  
066/77-02

Date: August 22, 2019 ((2076/05/02))

To, Chairman  
Shree Sunkoshi Panchkhal Water User Committee  
Panchkhal, Kavrepalanchok  
Subject: Recommendation letter for land

In reference to the above subject, under Panchkhal Municipality's "Gaurav ko Yojana Sunkoshi Panchkhal Khanepani Yojana", the board committee of Thuli Community forest User's Committee on 2076.04.24, has decided to provide 1 ropani of land in spite of required 127sqm of land at block no 1, Bairagi ko Pakho to construct a water tank.

Note:

Required Land: 127Sqm

Available land:1Ropani

Chairman  
Saraswati Vetwal  
Thuli Community Forest Committee



"सांख्यिक विकास उन्नीस र संस्थागत सु-शासन  
दिशो वन तथा पर्वत-पर्यटनमे सु-सम्पन्न शसो दूरी वन"

**दूली सामुदायिक वन उपभोक्ता समूह**  
पाँचखाल न.पा. काभ्रेपलाञ्चोक



पत्र संख्या: ०६६/७७  
पत्रांकी नं.: ०२

मिति : २०७६-०५-०२


श्री सुतलोशो पाँचखाल स्वामिपानी योजना  
पाँचखाल

विषय :- सिफारीस संवन्धमा

उपरोक्त संवन्धमा पाँचखाल नगरको गौरबडो  
योजना, सुतलोशो पाँचखाल स्वामिपानी योजनाको दृष्टि  
निर्माणको लागि आवश्यक पर्ने जग्गा यस सामुदायिक  
वन समितिको मिति २०७६-४-२४ को बैठकको निर्णयअनुसार  
कतक नं-१ वरिजी को पारको मा दिने निर्णय उपरोक्तो मातहत  
गराउदछु।

नोट,

-वाहिरै जग्गा - १२७.५२म  
उपलब्ध जग्गा - १ रोपनी

  
अध्यक्ष  
सरस्वती शेटवाल  
दूली सामुदायिक वन उ. समूह

K. User committee registration in water resource committee.

Annex-2  
**Applicable to rules -6, sub rules 1**  
**User committee registration certificate**

**Registration no.1020**

**Date: 2074.11.20 (March -4, 2018)**

**Sunkoshi Panchkhal Urban water supply and Sanitation committee**  
**Panchkhal Municipality, ward: 2,3,4,6,7,8,9,10,11 and 12**

According to decision made by District Water Source Management Committee meeting date Sunday March -4, 2018 (2074-11-6). This registration certificate has been provided according to the water Resource Act 2049 clause No.5 sub clause (2) and water resource registration 2050 rules no 6 sub rules (1), Execution of works should be done as per Water resource Act 2049 and Water Regulation Rulers 2050.

Signature:  
Name: Komal Prasad Dhamala  
Designation: Member, Secretary



अनुसूची-२  
(नियम ६ को उप-नियम (१) संग सम्बन्धित)

# जिल्ला जलस्रोत समिति

काभ्रेपलाञ्चोक

## उपभोक्ता संस्था दर्ता प्रमाण- पत्र

दर्ता मिति :- २०७४/११/२०

मिति :- २०७४/११/२०

दर्ता नम्बर :- १०२०

श्री सुनकोशी पाँचखाल खानेपानी उपभोक्ता समिति

पाँचखाल नगरपालिका - २,३,४,६,७,८,९,१०,११ र १२

जिल्ला जलस्रोत समितिको मिति २०७४/११/१६ गतेको बैठकको निर्णयानुसार त्यस उपभोक्ता समितिलाई जलस्रोत ऐन २०४९ को दफा ५ को उपदफा (२) तथा जलस्रोत नियमावली, २०४० को नियम ६ को उप-नियम (१) बमोजिम २०७४ साल एप्रिल महिना २० गतेमा यस कार्यालयमा दर्ता गरी यो प्रमाण-पत्र प्रदान गरिएको छ। जलस्रोत ऐन २०४९ र जलस्रोत नियमावली २०४० बमोजिम आफ्नो कार्य संचालन गर्नु होला।

सही :-

नाम :- कोमल प्रसाद धमला

पद :- सदस्य सचिव

I. Recommendation letter for office building construction

Panchkhal municipality, Agriculture city  
**Panchkhal Municipality**  
**Municipal Executive office**  
**Panchkhal, Kavrepalanchok**  
**3 No. Province, Nepal**

**Letter no. 076/77**  
**Reference no. 624**

**Phone no.011-499541**  
**Fax no.011- 499267**

**Subject: Approval for land**  
Shree Sunkoshi Panchkhal Water User Committee  
Panchkhal, Kavrepalanchok

In reference to the mention subject, as construction of the office building is an important component of the pride project of Panchkhal Municipality. It has been decided to provide an area of 254.46 sqm (8 Anna) out of 6107Sqm (12 ropani). The decision has been made by municipal executive committee date September 5, 2019(2076-5-19). It is ready to ownership transfer from district coordination committee to Panchkhal Municipality. The land is recorded in formerly Panchkhal VDC ward no. 5 with parcel number 326 now in Panchkhal Municipality ward no. 3.

Lock Bahadur Bhandari  
Chief administrative officer



"पाँचखाल नगर-कृषि सहर"

# पाँचखाल नगरपालिका

## नगर कार्यपालिकाको कार्यालय

पाँचखाल, काभ्रेपलाञ्चोक

३ नं. प्रवेश बेलग

फोन नं. ०११-४९९४४१

फ्याक्स नं. ०११-४९९२६७

प.सं. : ०६९१६६

घ.नं. : ९२४



मिति: २०७६/०५/२०

विषय: जग्गा उपलब्ध सम्बन्धमा ।

श्री सुनकोशी पाँचखाल खानेपानी उपभोक्ता समिति

पाँचखाल, काभ्रेपलाञ्चोक ।

प्रस्तुत विषयमा जिल्ला समन्वय समिति काभ्रेको नाममा रहेको साविक पाँचखाल गा.वि.स. वडा नं. ५ हाल पाँचखाल नगरपालिका वडा नं. ३ मा रहेको कि.नं.३२६को जग्गा मध्ये यस नगरपालिकाको नाममा कित्ताकाट भई अउने १२-०-०-० रोपनी जग्गा मध्ये ०-८-०-० जग्गा यस नगरपालिकाको गौरबको योजना सुनकोशी पाँचखाल खानेपानी उपभोक्ता समितिलाई कार्यालय निर्माण /संचालनको लागि उपलब्ध गराउने कार्यपालिकाको मिति २०७६/५/१९ मा निर्णय भएको हुँदा उक्त जग्गामा कार्यालय निर्माण/संचालनको लागि सहमति दिईएको व्यहोरा अनुरोध छ ।

..... २०७६/५/२०

लोक बहादुर भण्डारी  
प्रमुख प्रशासकिय अधिकृत  
नगर प्रशासकीय अधिकृत

Website: panchkhalmun.gov.np | Email: panchkhal.municipality@gmail.com

Annex-2

**Minutes of Meetings**

**Annex-2**  
**MINUTES OF MEETINGS**

**a. The Meeting between ADB mission team, Mayor, Deputy Mayor, PMO, TDF Consultant and Concern stakeholder of WUSC Panchkhal.**

The consultation as well as interaction meeting was held on September 9, 2019 at Panchkhal municipality Mayor Office room. The interaction program was held between ADB mission field visit team, and local WUSC. The following mentioned participants were presented in the program.

**Participants:**

1 Mr.Mahesh kharel	Mayor Panchkhal Municipality
2. Mr.Laxmi Danuwar	Deputy Mayor
3. Mr.Kumar Prasad Lamichane	WUSC Chairman
4.Mr.Chet Prasad Gautam	Secretary WUSC
5.Mr.Arjun Prasad Sapkota	Adviser
6.Mrs. Masli Danuwar	
7.Mr.Christian Walder	Water Supply and Sanitation Specialist ADB
8 Ms.Stafeny Knoll	Director's Advisor in Board of Director ADB
9.Ms.Alexandra Vogl	Senior Urban Development Specialist ADB
10. Mr.Pedro Almeida	Urban Development Specialist ADB
11. Ms.Shuvechha Khadka	GESI Consultant ADB
12 Ms.Ninette Pajarillaga	Environment Specialist ADB
13.Ms.Saswati Ghosh Belliappa	Social Safeguard Specialist ADB
14.Ms.Shiva Prasad Poudel	Project officer ADB
15. Mr.Shyam Prasad Updhaya	DRE PMQAC
16. Mr.Ananda Mohan Lal Das	Team leader
17 Mr.Man Bahadur Gurung	Engineer TDF
18. Mr. Puskar	
19. Raj Kumar Shrestha	Local PAnchkhal
20. Mr. Shiva Adhikari	Safeguard Specialist RDSMC
21.Mr. Suvas Raj Panta	TDF Coordinator
22. Mr. Narayan Prasad Acharya	DPD PMO

**Discussion:**

The consultation as well as interaction meeting was held on September 9, 2019 at Panchkhal municipality Mayor Office room. The meeting was held between ADB mission field visit team, PMO, TDF, concern stakeholder, WUSC and consultant. During mission visit informal meeting was carried out without special minute. The meeting main aim was gathered for field visit. During meeting mission leader Alexandra Vogl had briefed about the project, modality of UWSSP and roles and responsibility of local Government (Municipality). The meeting concludes that tentative field visit plan about the location where to visit and field visit carried out.



आज मिति २०७६/०५/२३ गते पाँचखाल नगरपालिका मा नयाँ प्रमुख पत्रको नयाँ कर्मचारी पाँचखाल सुनकोशी खानेपानी आयोजनाको विषयमा आयोजनाका उपकोषा समिति र सहयोगी दातृ निकाय (सिमावसी विद्युत बन्डका कर्मचारी) चर्चिदम विषयको आयोजनाको विषयमा नपमिलका उपसमिति सहित सम्पन्न गरियो।

उपस्थिति:

क्र	नाम/पद	पद	संस्था/निकाय	सहयोग
	Name	Position	Office	Signature
१	मार्गारिटर	प्रमुख	पाँचखाल नगर	[Signature]
२	कोषा समिति	उपसमिति	पाँचखाल नगर	[Signature]
३	सुनकोशी खानेपानी	सुनकोशी खानेपानी	सुनकोशी खानेपानी	[Signature]
४	सिमावसी विद्युत बन्ड	सिमावसी विद्युत बन्ड	सिमावसी विद्युत बन्ड	[Signature]
५	अर्जुन पौडेल	सहायक प्रमुख	पाँचखाल नगर	[Signature]
६	CHRISTIAN WALDER	WATER SUPPLY AND SANITATION SPECIALIST	ADB	[Signature]
७	STEFANY KNOLL	DIRECTOR'S ADVISOR IN BOARD OF DIRECTORS	ADB	[Signature]
८	ALEXANDER VOGEL	GENERAL URBAN DEVELOPMENT SPECIALIST	ADB	[Signature]
९	Pedro Almeida	URBAN DEVELOPMENT SPECIALIST	ADB	[Signature]
११	Shuvochha Chandra	GESI Consultant	ADB	[Signature]
१२	Ninette Pujanilaga	Environment Specialist	ADB	[Signature]
१३	SABRATI GHOSH BOLIAPPA	SOLIC SAFEGUARDS SPECIALIST	ADB	[Signature]
१४	SHIVA PRASAD PAUDEL	PROJECT OFFICER	ADB	[Signature]
१५	Shyam Pd Upadhyay	DRE, PNO, PM&AC		[Signature]
१६	Anand Mahan Lal Das	TL, DEC-ICUW&C Consultant	ADB	[Signature]
१७	Man Bahadur Shyam	EX-ACC - TDF		[Signature]
१८	...	...		[Signature]
१९	...	...		[Signature]
२०	...	...		[Signature]
२१	...	...		[Signature]
२२	...	...		[Signature]

**b. Meeting attendance sheet 26 August, 2019**

Consultation meeting was held on 26 August, 2019, in total 9 people were participated in the project area selection meeting. The consultation meeting was held at ward no 11 office of Panchkhal Municipality Karelthok. The informal meeting was specially organized for service area selection in ward no 11. The ward chairman chaired the meeting in the present the WUSC chairman Mr. Kumar Prasad Lamichane. The safeguard Specialist Mr. Shiva Adhiakri and Survey engineer Mr. Susil Devkota brief about the project modality upfront cash contribution availability of land for various component which is going to construct within ward. Social Safeguard Specialist had disseminated information about the social safeguard policies of ADB and Government of Nepal to the ward chairman and participants of the meeting. During the meeting ward chairman tentative finalized the service area and provide information to the survey team. The survey team had carryout the survey according to the direction of ward chairman.

**The following discussion and minutes of meeting had been prepared.**

**Agenda:**

- a) About the Service area/tole selection within ward no 11
- b) Discussion about the required land for the construction of necessary component.

**Decision: •**

- a. The following service area has been finalized for UWSSP in ward no 11 Luitelgaun, Devbhumi, Ojhatar, Karketar, Kharelthok, Jaretar, Bakultar, Ranipani, Serabesi.
- b. Discussion over agenda number 2, The ward chairman has been decided and agreed that 5 anna of land at former kharelthok-1 with parcel no 58 will be provided to project.

**Participants of the Meeting are as follows:**

Panchkhal - Dhanu town project  
Panchkhal, Kavre

Date: 26 August  
Location: Lt. Ward Office

S. No.	Name of the participants	Address	Male	Female	Signature
1	Kumar Lamichane/Ward Chairman - Panchkhal		✓		[Signature]
2	Shiva Adhikari/SSS	KTM	✓		[Signature]
3	Susil Devkota	KTM	✓		[Signature]
4	Shiva Sarin hama	Panchkhal-11	✓		[Signature]
5	Kiran Shrestha	Panchkhal-9	✓		[Signature]
6	Rabintra K.C.	KTM	✓		[Signature]
7	Dinesh Poudel/Staff	Panchkhal-6	✓		[Signature]
8	Dhruva Khadka/Local	Panchkhal-11	✓		[Signature]
9	Pawan Gurung/Staff	Panchkhal-9	✓		[Signature]

c. October 6, 2018 Stakeholder meeting

PAGE :  
DATE : / /

मिती :- 2018/10/06/20

आज मीने 2018 साल आश्विन 20 गते का दिन  
 पांचव्या नगर को गौरी का योजना सुनकोरी पांचव्या  
 खानेघानी योजना कार्यन्वयन को लागे आश्विन  
 वृद्ध उपभोक्ता सेवा सुनकोरी पांचव्या खानेघानी  
 उपभोक्ता समिती का अध्यक्ष कुमार प्र. नामिदाने का  
 अध्यक्षतामा र सूचना तथा संचार मन्त्री माननीय  
 श्री जोकुल प्रसाद चौलकोटा को प्रमुख आतिथ्यतामा  
 तथा अन्य विशेष अतिथी र आतिथीहरूको  
 आतिथ्यतामा यस पांचव्या नगरपालिका वृद्ध उपभोक्ता  
 का सम्पन्न भयो । जनका उपस्थिति मान्यका  
 छ ।

उपस्थिति :

1. सम्भाषित्व श्री कुमार प्र. नामिदाने
2. प्रमुख अतिथी सूचना तथा संचार मन्त्री माननीय  
 श्री जोकुल प्र. चौलकोटा
3. विशेष अतिथी कार्य क्षेत्र रक का सुदेवा लामा  
 लक्ष्मण माननीय श्री लक्ष्मण लक्ष्मण
4. विशेष अतिथी पांचव्या नगर पालिका का नगर  
 प्रमुख श्री महेश खरेल
5. अतिथी जिल्ला समन्वय समिती कार्यका उप  
 संचालक श्री प्रभु गौरी (पौडेल)
6. अतिथी पांचव्या नगर पालिका उपप्रमुख श्री लक्ष्मी  
 पुनवार
7. अतिथी सेवा शाना शहरी खानेघानी तथा सरलफाई  
 कार्यक्रम कोषाध्यक्ष श्री राजेन्द्र सापकोटा
8. नगर विकास कोष अध्यक्ष धुव रिजाल
9. प्राविधिक कोष अध्यक्ष सुवाल राज पन्त
10. कन्सल्टान्ट विनेट अन्ड देवकोटा
11. डिजाइन इन्जिनियर भुजना अर्याल
12. शिव आलेकारी



- 92. चौचरवाल नगरपालिका कार्यालयी अधिकारी भोला प्र. थापागाई
- 93. पूर्व लगाइले लेन व. भोजार
- 94. पूर्व गृह लेनिये श्री जनार्दन नेपाल
- 95. मल्लाहाकार श्री डा. सुब्बा अधिकारी
- 96. काठेठुपुनका श्री गौरेन्द्र जंग विरे
- 97. मल्लाहाकार श्री डा. सुब्बा अधिकारी
- 98. " श्री कामोद अधिकारी कामोद
- 99. " श्री डा. सुब्बा कामोदानी
- 100. " श्री अर्जुन प्र. सापकाटा 2/2/2018
- 101. " श्री अशोक प्रसाद कामोदानी
- 102. " श्री सरस्वती विमोदिया
- 103. " श्री रामशान्ता रेग्मी
- 104. अमरी श्री कामोद अधिकारी
- 105. " श्री राजकुमार श्रेष्ठ
- 106. उकाथका श्री गौरेन्द्र विपवान
- 107. सासेय श्री चेत प्र. गौतम
- 108. कोठेठुपुनका श्री भोला कु. पुलाह
- 109. कदा जयस कदाने-१ अठा कदापुर तामाड
- 110. " २. हरी खतिवडा
- 111. " ३. सुन्दर अधिकारी
- 112. " ४. सुन्दर तामा
- 113. " ५. काल कुषा सापकाटा
- 114. " ६. रामशान्ता पुलाह
- 115. " ७. पुष्कर ढकाल
- 116. " ८. संजय तामाड
- 117. " ९. किरण श्रेष्ठ
- 118. " १०. तारामा प्र. सापकाटा
- 119. " ११. दिवशरता तामाड
- 120. " १२. जोगपाल दनुवा
- 121. " १३. सुकनोर तामाड
- 122. " श्री मादनी पत्रवा



62	दुर्गा दुर्गागार्ह	पंचरवाल	90	दुर्गा
68	दिलिप अन्वर्त	पंचरवाल	92	600000
66	पंज व. अर्जा	"	8	222
67	इति वहाड (गुजरा)		92	2
68	मदन प्रसाद (भापवा)	"	8	अर्जा
69	अच्युत खतिका	पंचरवाल	3	अर्जा
69	गोठ कुमारी (अधिकारी)	"	8	दोन
62	बाहेर प्रसाद दुर्गावा	-6	"	भाडे
63	दुर्गावा	दिवार	दोस्त प्रसाद	
67	दोस्त प्रसाद	दिवार	पंचरवाल	8
68	प्रसाद प्र. ति. ति. ति. ति.	पंचरवाल	92	वास्तु
63	दोस्त प्रसाद	पंचरवाल	8	
66	दोस्त प्रसाद (भा. भा. भा.)	का. भा. भा.	11	अर्जा
65	दोस्त प्रसाद	भा. भा. भा.	8	अर्जा
65	नाथन वडाल	पंचरवाल	2	अर्जा
50	मकरा भा. भा. भा.	पंचरवाल	3	अर्जा
59	सुध वी. गे. व. व.	पंचरवाल	8	अर्जा
52	अर्जा	दोस्त	"	8
53	अर्जा प्रसाद	दोस्त	"	8
58	सुध वी. गे. व. व.	"	3	अर्जा
54	गणेश प्रसाद	ति. भा. भा. भा.	"	2
55	अर्जा	पंचरवाल	3	अर्जा
56	दोस्त प्रसाद	पंचरवाल	3	अर्जा
90	दोस्त प्रसाद	दोस्त	6	अर्जा
91	अर्जा	दोस्त	6	अर्जा
92	अर्जा	दोस्त	6	अर्जा
93	अर्जा	दोस्त	3	अर्जा
94	अर्जा	दोस्त	4	अर्जा
900	अर्जा	दोस्त	13	अर्जा
909	अर्जा	पंचरवाल	8	अर्जा
902	अर्जा	"	8	अर्जा
902	अर्जा	"	5	अर्जा



908	शैल शाल गैरनाल पांचखाल - 5	
909	श्याम कुमाल इकुल 11 - 5	
903	कुलशाम श्याम पांचखाल 5-	
104	देवश्याम गैरनाल पांचखाल 6	
902	श्याम शि. 5 पांचखाल - 5	
905	शुक्रिका शि. 5 पांचखाल - 5	
990	अगत के लामा पांचखाल - 5 लामा 5/5/5	
999	विश्व लाल लामा पांचखाल 5	
994	श्याम प्रसाद श्याम श्याम पांचखाल 6	
993	हर्षनाथ शि. 5 पांचखाल 8	
997	नन्दप्रसाद लामा श्याम पांचखाल 5	
994	कुलश्याम शि. 5 3	
995	शुक्रिका शि. 5 4	
996	श्याम शि. 5 पांचखाल - 5	
998	श्याम कुमाल श्याम पांचखाल 5	
999	श्याम प्रसाद श्याम पांचखाल 5	
920	श्याम का 4 ल - 00	
999.	Pragnya Timalsina Panchkhol-3	
222	श्याम श्याम श्याम 3	
223	Aaryshatimaljina Panchkhol-3	
224	श्याम श्याम श्याम 2	
227	श्याम श्याम श्याम	
228	श्याम प्रसाद श्याम	
229	श्याम प्रसाद श्याम	
220	श्याम श्याम श्याम पांचखाल - 5	
223	श्याम श्याम श्याम 11 5e	
230	श्याम श्याम श्याम 11 6	
239	श्याम श्याम श्याम 11 5	
232	श्याम श्याम श्याम 11 2	
238	श्याम श्याम श्याम 11 2	
236	श्याम श्याम श्याम 11 2	
237	श्याम श्याम श्याम 11 6	

३६-	गंगा व पत - बनेपा ए.		
३७	योगेश्वर सचिवालय पाँचबाल-६ (सचिवालय)		
३८	रामशाण रेजुमी - पाँचबाल-६ (पलापचौखुवा)		
३९	रामकृष्ण बाल	"	६ शिवपुर
४०	गुणम कौशले	"	"
४१	जगन्नाथ च्युनाद		
४२	अर्जुन तिमलिपना		
४३	बसि १० काचाप		
४४	सन्तोष रिपावान	१३१ नं ३	
४५	बिष्णु वहादर सुन्देल	"	५

प्रावधान :-

- १) यस चुनकोशी पाँचबाल नगर खानेपानी आयोजनाको बजेट डिजाइन प्रतिवेदन प्रस्तुत सम्बन्धमा ।
- २) आयोजनालाई आन्वेषिक गर्ने जग्गाको सम्बन्धमा ।
- ३) आयोजना निर्माण गर्दा हुने वातावरण सम्बन्धी प्रभावविज्ञान र क्याम्प सम्बन्धमा ।
- ४) उपभोक्ताहरूबाट ५% अग्रीम रकम उठाउने सम्बन्धमा ।
- ५) आन्वेष प्रतिवेदन तयार सम्बन्धमा ।

निर्णयः :-

प्रावधान ३ १ माथी छलफल गर्दा यस नगर आयोजना जुन ADB को सहयोग नेपाल सरकारको अनुदान सहयोगमा संचालाउने सक्छी खानेपानी आयोजनाको डिजाइन कन्सल्टेन्ट TAEC-ICON जव ले गरेका बजेट-प्राविधिक सेवा डिजाइन सामाजिक लर्ने सामाजिक सुरक्षण एते लार्ने वातावरण सम्बन्धी गरेको क्याम्प प्रतिवेदन पाँचबाल नगरपालिकाको कार्यालयमा डिजाइन कन्सल्टेन्ट ले उपभोक्ता तथा सर्वोका (सिवासेवका) सानमा प्रकृष्ट छलफल साथ निर्णय गरियो ।



प्रस्ताव नं. 2 माधी हलफल गर्दा निर्माणकार्य पूर्णपणे जाईल  
 RWT वारो प्रशोधनकेन्द्र, पाइपलाईन फ्लोअर गर्दा आवश्यक पर्ने  
 जवगा मल उपयुक्तता सामग्रीको तर्फबाट स्वागतेच हस्तांतरण  
 सहित हालेवाले निक्काले केन्द्र को सामग्रीके (सेफ्टी) सुरक्षा  
 नीति अनुसार उपलब्ध गराउनु पर्ने हुन्छ। मल क्रामोजनालाई  
 आवश्यक जवगाजमेत को कागजात उपलब्ध गराउने निर्णय गरियो  
 प्रस्ताव नं. 3 माधी हलफल गर्दा, मल क्रामोजनाको निर्माण गर्दा  
 कर्मचारी पर्ने का हुन आउने प्राविधिक कालाकरा प्रभाव संभवता  
 यदि अध्ययन गरिएको नसकी नाउने IEE प्रतिवेदन बनाई आगोडी  
 कर्ने कुरामाधी पनि हलफल गरियो र मल क्रामोजनामा IEE  
 प्रतिवेदन अनुसार कालाकरा मा पर्ने प्रभावहललाई मध्यनजर  
 गर्दै कालाकराका असर पर्ने नोदित कालाकरा विकल्पमा  
 प्रतिवेदन भई आगोडी कर्ने निर्णय गरियो।

प्रस्ताव नं. 4 माधी हलफल गर्दा क्रामोजनाको अवधारणा  
 अनुसार अन्तिम उठाउनु पर्ने ५५ रुकम स्थानीय त्तरबाट उठाउनु  
 पर्ने हुन्छ। उक्त रुकम प्रत्येक वार धुरिकट उठाउने निर्णय गरियो  
 र क्रामोजनालाई आवश्यक कागजात उपलब्ध गराउने छिमेक  
 निर्णय गरियो।

प्रस्ताव नं. 5 माधी हलफल गर्दा क्रामोजनाको अवधारणा  
 कार्यालयमा भएका हलफल र भवन भएका हलफल र 064/066  
 को कररेट अनुसार अन्तिम प्रतिवेदन तयार गरिने जानकारि  
 को सूचेत निर्णय गरियो।

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## English Translation for the Minutes of Meeting

To implement the proposed Panchkhal Water Supply & Sanitation project which is the pride of panchkhal resident, Stakeholder meeting was conducted under the chairmanship of Mr. Kumar Prasad Lamichhane, Chairman of Sunkoshi Panchkhal WUSC in the presence of honorable, Minister of Information & Communications, Mr. Gokul Prasad Baskota as a Chief Guest date on October 06, 2018.. In the presence of the following mentioned participants, Similarly, discussions on the following mentioned agenda and decisions were made accordingly under the consent of all.

SN	Name of Participants	Designation
1	Mr. Kumar Prasad Lamichhane	Chairman, Sunkoshi Panchkhal WUSC
2	Respected Mr. Gokul Baskota	Minister of Information & Communication (Chief Guest)
3	Mr. Laxman Lamsal	Provincial Assembly MP from Kavre Area no. Kha
4	Mr. Mahesh Kharel	Mayor, Panchkhal Municipality
5	Ms. Manju Gautam (Paudel)	Vice-Coordinator of DCC, Kavre
6	Ms. Laxmi Danuwar	Deputy Mayor, Panchkhal Municipality
7	Mr. Rajendra Sapkota	Deputy Project Director, TSTWSSSP
8	Mr. Dhruva Rijal	Chairman, TDF
9	Mr. Subash Raj Pant	Project Coordinator
1	Mr. Binod Chandra Devkota	MD, TAEC Consult P. Ltd.
1	Mr. Srijan Aryal	Design Engineer/MD ICON P. Ltd.
1	Mr. Shiva Adhikari	Social Expert, TAEC Consult P. Ltd.
1	Mr. Bhola Prasad Chapagain	Executive Officer, Panchkhal Municipality
1	Mr. Tej Bahadur Mijar	Former MP
1	Mr. Janardan Nepal	Former Secretary at Ministry of Home Affairs
1	Dr. Sudhar Adhikari	Local Advisor
1	Mr. Narendra Jung Peter	Senior Journalist
1	Mr. Shuva Adhikari	Local Advisor
1	Mr. Damodar Adhikari	Local Advisor
2	Dr. Bharat Lamichhane	Local Advisor
2	Mr. Arjun Prasad Sapkota	Local Advisor
2	Mr. Om Prasad Lamichhane	Local Advisor
2	Ms. Saraswoti Chimoriya	Local Advisor
2	Mr. Ram Sharan Regmi	Local Advisor
2	Mr. Kanchan Adhikari	Guest
2	Mr. Raj Kumar Shrestha	Guest
2	Mr. Rabindra Sipkhan	Vice Chairman, WUSC
2	Mr. Chet Prasad Gautam	Secretary, WUSC
2	Mr. Jhal kumar Dulal	Treasurer, WUSC
3	Mr. Asta Badhur Tamang	Ward Chairman-1
3	Mr. Hari Khatiwada	Ward Chairman-2
3	Mr. Sundar Adhikari	Ward Chairman-3
3	Mr. Sunder lama	Ward Chairman-4
3	Mr. Bal Krishna Sapkota	Ward Chairman-5
3	Mr. Ram Sharan Dulal	Ward Chairman-6
3	Mr. Puskar Dhakal	Ward Chairman-7
3	Mr. Sanjay Tamang	Ward Chairman-8
3	Mr. Kiran Shrestha	Ward Chairman-9
3	Mr. Narayan Prasad Sapkota	Ward Chairman-10
4	Mr. Shiva Sharan Tamang	Ward Chairman-11

SN	Name of Participants	Designation
4	Mr. Gopal Danuwar	Ward Chairman-12
4	Mr. Sukbir Tamang	Ward Chairman-13
4	Mr. Man Bahadur Gurung	Engineer, TDF
4	Mr. Maili Danuwar	Member, WUSC
4	Mr. Bhola Prasad Chapagain	
4	Mr. Aite Singh Tamang	Ward no 3
4	Ms. Manju Gautam	Deputy Chief, DCC, Kavre
4	Ms. Mandira Bisuke	Ward no. 7, Shikharpur
4	Ms. Sanjita Danuwar	Ward No 4, Tamaghat
5	Mr. Navaraj Koirala	Ward No 2
5	Mr. Ram Prasad Panta	Ward No 6
5	Mr. Binod Prasad Adhikari	Ward No 3
5	Mr. Thakur Nath Adhikari	Ward No 2
5	Mr. Shatrughan Danuwar	Ward no 6
5	Mr. Rajan Karki	Ward no 3
5	Ms. Pramila Acharya	Kathmandu, Ward no.4
5	Mr. Buddhi	
5	Mr. Gopi	
5	Mr. Ram Prasad Koirala	Ward no 2
6	Mr. Yagya Prasad Bolakhe	
6	Mr. Jivan Nath Dahal	
6	Mr. Padam Prasad Ghorsaini	Ward no 7
6	Mr. Binod Prasad Bajgain	Ward no 8
6	Mr. Shree Prasad Sapkota	Ward no.8, Hokse
6	Mr. Kanchha Raj Giri (Mahat)	Ward no 3
6	Mr. Shakti Ballav Acharya	Ward no 8
6	Mr. Purna Bhadra Dhungana	Ward no 8
6	Ms. Ganga Maya Tamang	Ward no 4
6	Mr. Dinesh Adhikari	Ward no 3
7	Mr. Harihar Adhikari	Ward no 3
7	Ms. Jamuna BK	Ward no 4
7	Ms. Saraswoti Fainju	Ward no 8
7	Ms. Durga Humagain	Ward no 10
7	Mr. Dilip Acharya	Ward no 12
7	Mr. Yagya Bahadur Darji	Ward no 6
7	Mr. Hari Bahadur Danuwar	Ward no 12
7	Mr. Madan Prasad Sapkota	Ward no 2
7	Mr. Achuttam Khatiwada	Ward no 3
7	Ms. Nol Kumari Adhikari	Ward no 4
8	Mr. Yadav Prasad Dangal	Ward no 6
8	Mr. Purshottam Ghimire	Hokse Health Post
8	Mr. Hari Prasad Panta	Ward no 6
8	Mr. Tika Bahadur (Aatma Ram) Baniya	Ward no 6
8	Mr. Hari Ram Sapkota	Ward no 2
8	Mr. Narayan Dhakal	Ward no 2
8	Mr. Prakash Baniya	Ward no 3
8	Mr. Surya Bhadur Bhetwal	Ward no 9
8	Mr. Prakash Dulal	Ward no 6
8	Mr. Keshav Prasad Bolakhe	Ward no 4
9	Mr. Subash Luintel	Ward no 3
9	Mr. Ganesh Prasad Timilsina	Ward no 2
9	Mr. Yuvraj Aryal	Ward no 3
9	Mr. Siddha Prasad Poudyal	Ward no 6
9	Mr. Tika Prasad Bolakhe (Luitel)	Ward no 7
9	Mr. Navraj Bolakhe (Chhettri)	Ward no 7

SN	Name of Participants	Designation
	Luintel	
9	Mr. Khadga Prasad Kafle	Ward no 7
9	Mr. Lal Chandra Timilsina	Ward no 3
9	Mr. Nanda Prasad Dulal	Ward no 6
9	Mr. Shanker Nepal	Ward no 3
1	Mr. Pramod Chaulagain	Ward no 4
1	Mr. Balram Poudel	Ward no 6
1	Mr. Shyam Bahadur Bishwokarma	Ward no 9
1	Mr. Prem Raj Bhetwal	Ward no 9
1	Mr. Shyam Kumar Danuwar	Ward no 6
1	Mr. Kul Raj Shrestha	Ward no 9
1	Mr. Dev Raj Bolakhe	Ward no 7
1	Ms. Sabitri BK	Ward no 6
1	Ms. Anita BK	Ward no 6
1	Ms. Bhagat Bahadur Lama	Ward no 6, Lamidanda
1	Mr. Nir Bahadur Lama	Ward no 4
1	Mr. Nom Prasad Adhikari	Ward no 7
1	Mr. Harsha Lal Shrestha	Ward no 4
1	Mr. Nanda Prasad Lamichhane	Ward no 3
1	Mr. Madan Luintel	Ward no 3
1	Mr. Buddhi Lal Shrestha	Ward no 6
1	Mr. Manoj BK	Ward no 6
1	Mr. Rajkumar Sapkota	Ward no 5
1	Mr. Ram Prasad Sapkota	Ward no 2
1	Mr. Roshan Kafle	Ward no 7
1	Ms. Prayusa timilsina	Ward no 7
1	Mr. Prakash Timilsina	Ward no 3
1	Ms. Ayusha Timilsina	Ward no 3
1	Mr. Badri Prasad Sapkota	Ward no 2
1	Mr. Dhalak Prasad Gautam	
1	Mr. Ganga Prasad Adhikari	
1	Mr. Raju Prasad Bolakhe	
1	Mr. Navaraj Bajgain	Ward no. 8
1	Mr. Kalu Parajuli	Ward no 6
1	Ms. Laxman Sapkota	Ward no 6
1	Mr. Gokul Guragain	Ward no 6
1	Mr. Ganga Ram Adhikari	Ward no 2
1	Mr. Arjun Dahal	Ward no 3
1	Mr. Kedar Nath Sapkota	Ward no. 2
1	Mr. Keshav Raj Kafle	Ward no 7
1	Mr. Ganga Bahadur Panta	Ward no 6
1	Mr. Yog Nath Satyal	Ward no 6
1	Mr. Ram Sharan Regmi	Ward no 9
1	Mr. Ram Krishna Bolakhe	Ward no 7
1	Mr. Uttam Kafle	Ward no 7
1	Mr. Jaggannath Khanal	
1	Mr. Arjun Timilsina	
1	Mr. Badri Prasad Acharya	
1	Mr. Santosh Sipkhan	Ward no 3
1	Mr. Khil Bahadur Luitel	Ward no 5

### **Agendas:**

1. Regarding the detailed engineering design report of the proposed Panchkhal Water Supply & Sanitation project
2. Regarding the land required for the proposed project
3. Regarding the evaluation and study on the likely environmental effects resulting from the construction of the proposed project.
4. Regarding the collection of 5% upfront cash collection from the beneficiaries
5. Regarding the preparation of Final Updated Design Report

### **Decisions:**

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

1. As per agenda no. 1, the information on the details of the technical survey, socio-economic survey as well as study related to the environmental aspects of the proposed project carried out by the design consultant, TAEC-ICON JV P. Ltd. was delivered to the beneficiaries/stakeholders present and the concerned stakeholders and discussions were made accordingly.
2. As per agenda no. 2; the ownership of the land required for the construction of water treatment plant, reservoir tanks and for pipe laying works should be handed over by WUSC and the required land should be provided as per ADB Safeguard Policy. Accordingly, it has also been decided that the necessary documents related to the required land for the proposed project shall be provided.
3. As per agenda no. 3; discussions were done regarding the IEE report preparation for which the study on the likely environmental impacts resulting from the construction of the proposed project has already been carried out. And, it has been decided to be committed towards the environmental aspects of the proposed project so as to avoid the likely environmental impacts as mentioned in IEE report.
4. As per agenda no. 4; 5% of upfront cash contribution shall be collected at local level. It has been decided to collect this upfront cash from each household and to provide necessary documents within 3 months.
5. As per agenda no. 5, it has been decided to prepare Final Updated Detailed Engineering Design Report as per discussions made at PMO, today's discussion and as per FY 075/076 Kavre District Rate.

d. December 29, 2017 Meeting minutes

वाचकाल

आज मिति २०७४ पुस १४ गते बुधवार अर्थात् जिल्ला  
 वा.प.वा.का कार्यपालिका कार्य क्षेत्र भित्र खरब खानेपानी  
 तथा खरबपाई कार्यक्रम संचालन गर्न " बुधकोशी वा.प.वा.का  
 खानेपानी आयोजना" उपरोक्त समितिको बैठक समिति  
 अध्यक्ष श्री उमा प्रसाद लामिदानको अध्यक्षतामा पल्लो।  
 तपशिलमा उल्लेखित महासचिवको उपस्थितिमा -  
 निम्नानुसार प्रस्ताव चर्चा गरियो।

अध्यक्ष : श्री उमा प्रसाद लामिदान  
 उपाध्यक्ष : श्री रमिन्द्र लिप्यवान -  
 सचिव : श्री चेत प्रसाद गौतम (गर्मी)  
 कोषाध्यक्ष : श्री अलकृष्ण श्रेष्ठ  
 सदस्यहरू : श्री लक्ष्मी सुब्बा  
 " : श्री रमिन्द्र दिव्येला  
 " : श्री अरुण श्रेष्ठ  
 " : श्री शिवा कटार ज्ञानकोट  
 " : श्री वसिष्ठा शर्मा तामाङ  
 " : श्री माइली सुब्बा  
 " : श्री रमाक वि.क.

समाप्ति आशुक्रित सदस्य

श्री अरुण तामाङ  
 श्री वीर विक्रम  
 श्री सुन्दर आशुक्रित  
 श्री सुन्दर तामाङ  
 श्री बालकृष्ण ज्ञानकोट  
 श्री रामकाल श्रेष्ठ  
 श्री सुन्दर श्रेष्ठ  
 श्री अरुण तामाङ  
 श्री शिवा श्रेष्ठ  
 श्री रामकाल ज्ञानकोट  
 श्री शिवा श्रेष्ठ तामाङ  
 श्री गोपाल श्रेष्ठ  
 श्री सुकवि तामाङ

विवेक आशुक्रित सदस्य

वा.प.वा.का (प्रमुख) : श्री गणेश श्रेष्ठ





## प्रस्तावहरू

१. परामर्श हाता दीमवाट आयोजनाको विविध जिज्ञासा लगा - ध्यान गर्ने।
२. विविध

## निर्णयहरू

१. परामर्श हाताको दीमवाट आयोजनाको उद्देश्य कार्यन्वयन प्रक्रिया उपभोक्ताको जिम्मेवारी बाँदी जानकारी तथा हलफ्ता मा उक्त जिज्ञासाहरूको समाधान गर्ने कार्य भयो।

### २. विविध

- (क) आयोजनालाई चाँहीने जग्गा, मुद्यात बनाउने ढाँड प्रसोधन केन्द्र र चंकी राख्ने ढाँडलाई चाँहीने आवश्यक जग्गा उपभोक्ता समितिले निशुल्क उपलब्ध गराउनु पर्ने र समसुदो समित्व उपभोक्ता समितिले नाउमा उतुपने जानकारी जसो र यसमा उपभोक्ता समितिले आयोजनालाई चाँहीने आवश्यक जग्गा प्राविधिकले विप्रतिष्ठ गरे भुजले दशतमा उपलब्ध गराउने प्रतिबद्धता जाहे गरियो।
- (ख) बाधुपी सर्वेक्षण संरचना जगकटलाई २दिने तालिम दिई तत्काल सामाजिक सर्वेक्षण कार्य सुरु गर्ने जानकारी भयो।

(ग) उँरानो खानेपानी योजनाहरूको संरचना लागू गर्ने भए - मा प्रयोग गर्ने अन्यथा समरेण नयाँ संरचना डिजाइन गर्ने जानकारी प्राप्त भयो।

(घ) प्रस्तावित पानीको मुद्यात खुनजेची - इन्द्रावती रोभान वट करीव २ कि.मी. तल विभिरे लकिक होलाडबाट गा.वि. ६ घाग, भूमि उपभोक्ता वजन १० मा सम्पवेल बनाई पम्प गर्ने र पानी पलाङ्ग-चोक भगवती दशतमा कटि ६६० मी. हेपी १६६० मी. (१०० मी.) कुनाइस लागे र त्यहाबाट पी-प्याता उपभोक्तालाई पानी वितरण गर्ने योजना रहेको हो। खोदी अतुरूप लभगत निर्दिता सम्पन्न भयो। माइभीड चरणको भ्रमणमा पलाङ्ग-चोक भगवती दशत सम्म काँलो पानीलाई कटि ६-६ हाँड मा धप चंकी बनाई नजिकको खेमा क्षेत्रमा पानी दिनुपर्ने हेजिम्ब। यषको विस्तृत खाका इन्जीनियरीङ्ग खर्चमा परचाह प्राप्त हुनेहरु खोको जानकारी उपभोक्ता समितिले गराउने जानकारी प्राप्त भयो खेमा क्षेत्र सवप्रकार रहेको हुन्

- पी-प्याता न.पा. ५ र ११ वडा. खर्च



- पिरो किलो  
 - लानिडिडी वजा  
 - पी-ब्यात वजा  
 - पुरानो वजा  
 - ताकाबाट  
 - लानिडिडी, जपताडिडी, काफ्लेडिडी, वानिवाडिडी, धुम्का,  
 राकपट, राकपट डोडा, ब्रम्हा, जोष्यावी, चोड (कां ६)  
 - ज्वालामोड, पधेनडिडी, तिनपिप्ले वजा, छतावल्ली, पीडल  
 थोड, फिजानपु, पिपलटा, चोरा, मुद्दानावती (कां ६)  
 - नयां गांउ, रुई टेल गांउ, रानीपानी, चापकोटे, वकुलाटा,  
 वाहुवावजा, कम्बुमी, ओम्बेवा, वेम्बेवा (कां १०)  
 - देवपानी, ओम्बेवा, रोरापेली, कर्कटा, काकोटे, तिनघो,  
 नागपेली, ओम्बेवावी (कां १२)  
 - खिन्नकपावी, शिवपुर वेणी, लोपिप्ले (कां ६)  
 - खड्या, माडुवला, विम्बडी बराने (मडी गांउ) (कां ८)  
 - तिनछे, वगलडिडी, झोडिडी, काफडिडी, टोकेडिडी, शतो-  
 पहियो (कां २)  
 गांधी उल्लेखित स्वामनहकतार्थ खेप क्षेत्र रावि हंशाव्यता  
 अधमन गर्ने र लंगप नदेखिए उपभोक्ता लंग हकफत  
 गरी आयोजनाको लागत र पहिलो लिफ्टले खेप क्षेत्र  
 खनन आयोजना लागु गर्नु पर्ने उपभोक्ता समितिले -  
 अनुरोध गर्ने।  
 - आयोजनाले लगेडन नसक्ने क्षेत्रमा जितला चार्जपान तथा  
 टारफार्ड कार्यालय प्रण र नपा/पालिका प्रण लागूवत  
 चार्जपानीका कार्य गर्ने अन्य लंग लंकाहरु लंग चर्चव गर्नु पर्ने  
 र सवका डिभिजन प्रण र नगा प्रणववाट नगासी आ-१ को  
 योजनाका आवश्यक वनेट ० मजलाको लागी अनुरोध गर्ने।  
 - आयोजना निर्माण गर्दा वातावरणिय हिलापलो सुके खनन  
 कत अला वा खनन अला हुने गरी आयोजनाको डिजाइन्  
 तथा डिजाइन् वनोपिन निर्माण गर्नु पर्ने परातकीदातावाट  
 जानकारी गरियो।  
 पहिलो लिफ्टवाट भ्याङ्गे (पुगे) खेप क्षेत्र जो गांधी लेखिए  
 क क्षेत्रमा भेजी बनाउने र उक्त टोकीले भ्याङ्गे स्वामन  
 खनन पानी नगिने छ दोस्रो लिफ्ट गरी पानी गांधी नसकि  
 ने जानकारी भयो।  
 उपभोक्ता समितिले चार्जपानी आयोजनाको खरा  
 लागतको २% खसयमा लभता गर्ने र नगा/पालिकाको

वाट लिने ऋण २२% को हंका तथा ०%याज खुलानी  
 आयोजनाको नियन्त्रण गर्ने प्रतिवद्धता खोटे गरियो।  
 [Signatures and stamps]

## English Translation

To implement the proposed Panchkhal Water Supply & Sanitation project within the municipality working area Stakeholder meeting was conducted under the chairmanship of Mr. Kumar Prasad Lamichhane, Chairman of Sunkoshi Panchkhal WUSC on December 30, 2019. In the presence of the following mentioned participants, similarly, discussions on the following mentioned agenda and decisions were made accordingly under the consent of all.

### Participants:

- |     |                              |                 |
|-----|------------------------------|-----------------|
| 1.  | Mr Kumar Prasad Lamichane    | Chairman WUSC   |
| 2.  | Mr. Rabindra Sipkhana        | Vice – Chairman |
| 3.  | Mr. Chet Prasad Gautam(Mani) | Secretary WUSC  |
| 4.  | Mrs. Jhal Kumari Dulal       | Treasure        |
| 5.  | Mrs Laxmi Danuwar            | Member          |
| 6.  | Mr. Rabindra Sitaula         | Member          |
| 7.  | Mr. Bharat Shrestha          | Member          |
| 8.  | Mr. Shiva Bahadur Sapkota    | Member          |
| 9.  | Mrs Sarita Shahi Tamang      | Member          |
| 10. | Mrs. Mahile Danuwar          | Member          |
| 11. | Mr. Shyam B.K                | Member          |

### Permanent invitee Member

Mr Astha Tamang  
Mr. Hari Khatiwoda  
Mr. Sundar Adhikari  
Mr. Sundar Tamang  
Mr. Balkrishna Sapkota  
Mr. Ramsaran Dulal  
Mr. Puskal Dhakal  
Mr. Sanjaya Tamang  
Mr. Kiran Shrestha  
Mr. Narayan Sapkota  
Mr. Shiva Sharan Lama  
Mr. Gopal Bahadur Tamang  
Mr. Sukrabir Tamang

### Special invitee Guest.

Mr. Mahesh Kharel Mayor Panchkhal Municipality  
Mr. Basudev Vetwal Municipality Executive officer  
Division Chief District Drinking water supply office

### Advisors

Mr Janardan Nepal  
Mr. Ramsaran Luitel  
Mr. Nararendra Jung Piter  
Dr. Sudhir Adhiakri  
Mr. Damodar Adhikari  
Mr. Om Prasad Lamichane

Mr.Arjun Sapota  
Mrs .Saraswati Ghimire  
Mr. Tej Bahadur Mishra  
Mr. Ramsaran Regmi  
Ms. Kanchan Adhiakri  
Mr. Ramsaran Shrestha

**Monitoring Member**

Mr. Gangaram Adhikari  
Mr. Ganesh Adhikari  
Mr. Sambar Bahadur Danuwar  
Mr. Raja Ram Thakuri  
Mr. Rana Bahadur Bohora  
Mr. Yaga Bahadur Darji  
Mr. Resham Lal Shrestha  
Mr. Dhana Bahadur Tamang

**Invitee Member**

Mr. Sirjan Aryal  
Mr. Binod Devkota  
Mr. Roshan Subedi  
Mr. Durga Baniya  
Mr. Kuramr Shrestha  
Mr. Rajan Pandey  
Mr. Kamala Danuwar  
Mr. Janajeet Mainali

**Agenda/Proposal:**

1. Explaining different aspects of the project by the Design Supervision Consultant
2. Miscellaneous

**Decisions:**

- a) The consultants' team has explained various aspects of the project like the objective, implementation procedure, responsibilities of the WUSC/stakeholders and answered queries during discussion.
- b) The WUSC has committed to provide required land for construction of different components like intake works, reservoirs, treatment plants etc. of the project free of cost as per technical recommendation.
- c) The enumerator of the household survey shall be given 2-days training before commencement of the social survey.
- d) The old components of the projects shall be considered, if usable, otherwise all components shall be accordingly newly designed.
- e) The proposed intake structures-sump wells at the confluence of the Sunkoshi- Indravati, about 3 km downstream at Bimire ( Bhumle RM-10, former Dolalghat VDC) shall be pumped to lift water to serve Palanchok Bhagwati Sthan at height range 640-1440 m and then distributed to Panchkhal Valley. During the site, it was observed that water shall have to be distributed through 6-7 water tanks in the nearby service area. Detailed outlay plan will be designed and shared to the WUSC. The service areas will be as follows:

- Panchkhal Municipality whole ward nos 9 & 11
- Ward No 4: Zero Km, Lamidanda Bazar, panchkhal Bazar, old Bazar, Tamaghat
- Ward no. 3.lamadihi, Kafle Dihi, Baniya Dihi , Thumka , Rampur ,Rampur Danda , Brahma Puri , Sosari chowk,
- Ward no 6. Dulalthok, Bakheldihi, Tinpipe,
- Ward no 10.Nayagaon, Luitel Gaun, Ranipani, Chapaot., Devbhumi, Ojhetar, Serabesi,
- Ward no.12 Dev Bhumi, Ojhetar, Serabesi, Karketar, Tinghar, Nagbel and Appghari
- Ward no 7. Sigrampati, Shikharpur Besi Jhor pipe.
- Wardno 8. Khattatar,pandulata ,Simradi kharane.(Madigaun)
- Tinkune, Bamaldihi, Daredihi, Majhdihi, Rakedihi, Ratopahiro

The feasibility study shall be done to provide service to the aforesaid service area; if not possible then the matter shall be discussed with the WUSC and service area restricted to the area covered by the first lift.

A provision of budget for coming fiscal year shall be done in coordination with Water supply & Sanitation Division, Municipality and organizations working in the field of water supply to cover the service area not covered by this project.

e. Attendance sheet

Orientation to Staffs and stakeholders for social survey 29-30 December, 2017

Training/Orientation for Social Survey Works (2 days) in Panchakhal Urban Sub-project & Participants Name List

S.N.	Name List of Field Staff	Position	Address	Signature
1	Ms. Anju Baniya	Enumerator	Panchakhal-3	Anju
2	Ms. Sabitri Danuwar	Enumerator	Panchakhal-4	Sabitri
3	Ms. Srijana Pariyar	Enumerator	Panchakhal-3	Srijana
4	Ms. Goma Lama	Enumerator	Panchakhal-11	Goma
5	Ms. Kamala Danuwar	Field Coordinator	Panchakhal-4	Kamala
6	Mr. Dilumaya Danuwar	Enumerator	Panchakhal-4	Dilumaya
7	Ms. Gyanumaya Danuwar	Enumerator	Panchakhal-4	Gyanumaya
8	Ms. Nira Mizar	Enumerator	Panchakhal-7	Nira
9	Ms. Janaki Magar	Enumerator	Panchakhal-7	Janaki
10	Mr. Dipesh Danuwar	Enumerator	Panchakhal-12	Dipesh
11	Ms. Rina Mijar	Enumerator	Panchakhal-12	Rina
12	Ms. Chandika Ramtel	Enumerator	Panchakhal-2	Chandika
13	Mr. Kumar Shrestha	Enumerator	Panchakhal-2	Kumar
14	Mr. Shantaman Tamanag	Field Coordinator	Panchakhal-2	Shantaman
15	Mr. Saroj Shivabhakti	Enumerator	Panchakhal-6	Saroj
16	Mr. Sabin Sapkota	Enumerator	Panchakhal-6	Sabin
17	Ms. Anjana Dhakal Gautam	Enumerator	Panchakhal-10	Anjana
18	Ms. Kabita Acharya	Enumerator	Panchakhal-10	Kabita
19	Mr. Janjin Mainali	Enumerator	Panchakhal-9	Janjin
20	Mr. Sujit Bajracharya	Enumerator	Panchakhal-9	Sujit
21	Ms. Sujata Dulal	Field Supervisor	Panchakhal-6	Sujata
22	Mr. Anil Thapa Magar	Enumerator	Panchakhal-5	Anil
23	Mr. Motilal Rai	Enumerator	Panchakhal-4	Motilal
24	Mr. Umesh Thapa	Field Supervisor	Panchakhal-7	Umesh

Annex-3

**Involuntary Resettlement Screening Checklist**

### Annex 3 - Involuntary Resettlement Screening Checklist

<b>Country</b>	Nepal
<b>Subproject Name</b>	Panchkhal Urban Water Supply and Sanitation Project
<b>Date</b>	September 20, 2019,

#### I. Resettlement Impact Checklist

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

A. Probable Resettlement Effects	Yes	No	Not Known		Remarks
<b>Acquisition of Land</b>					
1. Will there be land acquisition?		√			<p>Nearly 13106.75 square meters of land is required for different project components such as sump wells, treatment units, RVTs etc.</p> <p>No involuntary acquisition of private land is anticipated.</p>
2. Will easement be utilized within an existing Right of Way (ROW)?	√				
3. Will there be loss of shelter and residential land due to land acquisition?		√			<p>All the land to be obtained from public / government land and there are any structures on the lands, there will be no loss of shelter and residential land. All public barren land will be used.</p>
4. Will there be loss of agricultural and other productive assets due to land acquisition?		√			
5. Will there be losses of crops, trees, and fixed assets due to land		√			<p>The land is mostly barren nonagricultural public land;</p>

acquisition?					hence losses of crops, trees and fixed assets are not anticipated. No trees will be cut except some clearing of bushes. For any tree to be cut, consider replacement of 1:25( From IEE Report) Major project components does not encroach into any of the community forests of the project area. However, some portion of transmission mains pass through the Naule Community Forest . The study shows that there is no requirement of cutting trees. There will also be requirement of clearing of some bushes and shrubs only along the proposed pipeline alignment. Hence, there will be no such significant effect on the community forest.
6. Will there be loss of businesses or enterprises due to land acquisition?		√			Since there is no need of private or residential land acquisition, there will be no loss of business or enterprises.
7. Will there be loss of income sources and means of livelihoods due to land acquisition?		√			Loss of income source and means of livelihoods are not anticipated due to vacant public/government land use.
<b>Involuntary restrictions on land use or on access to legally designated parks and protected areas</b>					
8. Will people lose access to natural resources, communal facilities and services?		√			There is no any designated park and protected area in or near to the project. The land to be obtained is mostly barren land with some bushes. Since loss of vegetation will be insignificant, local people will not lose access to natural resources.  No trees will be cut except some clearing of bushes. For any tree to be cut, consider replacement of 1:25( From IEE Report)
9. If land use is changed, will it have an adverse impact on social and economic activities?		√			Construction of small structures on small size of public/government vacant lands will not result chance in land use, and hence



					adverse impact on social and economic activities are not expected.
10.	Will access to land and resources owned communally or by the state be restricted?		√		There is no any land and Resources owned by community.
<b>Information on Displaced Persons:</b>					
Any estimate of the likely number of persons that will be displaced by the Subproject?					[√] No [ ] Yes
If yes, approximately how many? __N/A__					
Are any of them poor, female-heads of households, or vulnerable to poverty risks?					[√] No [ ] Yes

Annex-4

**ToR for Thirdparty Verification**

## Annex-4

### TERMS OF REFERENCE FOR INDEPENDENT THIRD PARTY FOR NEGOTIATED PURCHASE OR VOLUNTARY LAND DONATION

1. For any voluntary donation of land, an external independent entity will supervise and document the consultation process and validate the negotiated purchase / land donation process as per legal requirement.

#### A. TOR for Independent Third-Party Witness

2. An independent third party is sought to be appointed to oversee and certify the process of negotiated purchase / land donation. The third party shall be briefed about his/her expected role and deliverables by the UWSSP PMO.

3. **Eligibility:** The third party shall be a representative of the community (for example, a senior government officer, an elected representative of municipally/ Rural Municipality, a representative of a local NGO/CBO), without any direct interest in the negotiation process, who is acceptable to each of the concerned parties (WUSC and concerned land owner/donor).

4. **Scope of work:** The role of the third party shall be to ensure a fair and transparent process of negotiation/donation. The envisaged scope of work shall entail the following:

- (i) witness and keep a record of meetings held with the concerned parties,
- (ii) ensure there is no coercion involved in the process of negotiated purchase / land donation,
- (iii) ensure that the preferences and concerns of the land owner / donor related to access, selection of site within lands held, etc. are recorded and any stipulated conditions met,
- (iv) ensure that the negotiated purchase / land donation agreement is drafted in a fair and transparent manner,
- (v) identify and recommend mitigation measures to land owner / donor, if required,
- (vi) ensure that taxes, stamp duties and registration fees for purchased / donated land are borne by the project, and
- (vii) submit a certificate as witness to the purchase / donation and transfer process.

5. **Deliverables:** The details of the meetings, and a certificate as witness to the purchase / donation process and mitigation measures to owner / donor, if any, shall be submitted by the third party to PMO and owner/donor in the local language.

Annex-5

**Indigenous Peoples Impact Screening Checklist Panchkhal**

### Annex-5: Indigenous Peoples Impact Screening Checklist Panchkhal

KEY CONCERNS (Please provide elaboration of the Remarks column)	YES	NO	NOT KNOWN	Remarks
<b>Indigenous Peoples Identification</b>				
1. Are there socio-cultural groups present in or use the subproject area who may be considered as "tribes" (hill tribes, scheduled 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. Mixed community including of indigenous people or socio-cultural groups has been observed. Basically Panchkhal UWSSP project area is the dominant by IP community Tamang and Marginalized group Danuwar & Pahari.
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?		√		
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?		√		
5. Do such groups maintain cultural, economic, social, and political institutions distinct from the dominant society and culture?		√		
6. Do such groups speak a distinct language or dialect?	√			The ethnic groups in the service area speak their own distinct languages among their members, but Nepali is spoken as common language.
7. Has such groups been historically, socially and economically marginalized, disempowered, excluded, and/or discriminated against?		√		The service area is highly populated by indigenous group (Tamang, Danuwar, Pahari)

KEY CONCERNS (Please provide elaboration of the Remarks column)	YES	NO	NOT KNOWN	Remarks
				But they have high moral in society one example is Shiva Saraln lama is the ward chairman in ward no.11, And Deputy mayor from Danuwar/Marginalized group as well as women too.
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?	√			The <i>Janajati</i> (IP) and <i>Dalits</i> are included in WUSC. Most of the community forest user committee has leading by IP group.

Annex-6

**Photographs**

### Annex-6: Photographs

	
<p>Service Area View from, Palanchock Bhagawati temple</p>	<p>Interaction with local user in ward no 9</p>
	
<p>Main RVT 400 Cum Construction area Ward no 9 Panchkhal Municipality, Near to Bhimsensthan, (Sathighar 6- Parcel no. 100)</p>	<p>Land for back wash RVT-12 construction, ward no 9, Ref Annex 1c parcel no 48</p>
	
<p>Land for Sumpwell and 1<sup>st</sup> stage pumping, Bimire Dovan Bhumlu Rural Municipality- 10,</p>	<p>Land for 2<sup>nd</sup> stage pumping, Naule community forest ,Bhumlu Rural Municipality 10</p>





Land for 3<sup>rd</sup> stage pumping and RVT area, within Naule community forest.



land for 4<sup>th</sup> stage pumping area ward no 9, formar Sathighar 6-plot no. 244



RVT-8, 150 cum Construction Area, parcel no. 1014 Panchkhal Municipality ward no 6.



Consultation with local in ward no 4 for land finalization RVT-4, 150 cum site, August 26, 2019, Anekot Bakhel Dihi.



Anekot, Panchkhal Municipality-2, RVT-2, 150 cum Kalidaha community forest, Open barren land



RVT-11, 50cum Site visit with ward Chairman, Land for RVT/BPT construction, ward no. 11, Kharelthok





Land for RVT-7, 150 cum site, ward no 9, Barren land



Land for RVT -1, Thumka ward no. 3



Public Toilet construction area (103 sqm) , ward 4 Tamaghat Bazar, Beyond ROW, 25 m away from central line



Office Building construction area (150 sqm) within Municipality compound



Meeting in Panchkhal Municipality with Mayor, WUSC and ADB mission



Meeting in Panchkhal Municipality with Mayor, WUSC and ADB mission



Community Consultation at community hall of Municipality, August 26, 2019



Orientation to Staffs and stakeholders for social survey, December 30, 2017

Note: Photographs of minor componts like BPT are not available at present, it will be presened in next step.

**Annex-7: Approved Below Poverty Line Calculation Sheet**

**Proposed Poverty Threshold for Identification of Poor Household in UWSSP**

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

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

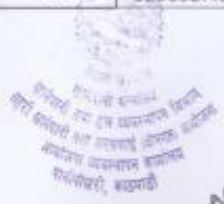
The revised poverty line will be utilized as major indicator of poverty. It shall be used in selection of poor household within the community for delivering OBA service and free subsidized tap connection. Similarly, upfront cash shall be reimbursed after verification of poor household within the urban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

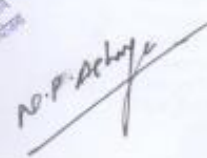
Hence, poverty line is estimated NRs.13500 (round figure) monthly for a household and average household size is 4.8 which have been adopted from census survey results of CBS -2011.


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

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

S.N.	Year	Amount as per Consumer Price Index (Annual Per Person)	Price Index (Annual 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	

  
 National Planning Commission  
 Government of Nepal  
 Kathmandu, Nepal

  
 N. P. Acharya





S.N.	Year	Amount as per Consumer Price Index (Annual Per Person)	Price Index (Annual 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**

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

Proposed range of income level for OBA grant.

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

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



*N.R.B. Archana*

### Major Changes in OBA Guideline of UWSSP

S. N.	Particular	Provision in TSTWSSSP	UWSSP	Remark
1.	Threshold of the Poor	<Rs. 7,500 Monthly Income of a Household	<Rs. 13,500 Monthly Income of a Household	Data of National Living Standard Survey (NLSS), 2011 is adopted as baseline and annual consumer Index of Nepal Rastra Bank is used for analysis.
2.	Verification Team for Recommendation to WUSC ( For Reimbursement)	Independent Verification Agent	Verification Team	The team members remain same, Only term has changed. Project staffs cannot be independent agent.
3.	Verification for 20% Reimbursement to WUSC	Verification After 3 Months	Verification after 1.5 Month	
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 Annex.	For development of innovative idea and types RDSMCs are requested for development of site specific type/model.
6.	Construction of Household Latrine and Compost Pit by OBA	Construction of Both (Household Latrine and Compost Pit)	Construction of Household Latrine only	Now compost pit is optional
7.	Subsidized Tap Connection to Poor/Vulnerable	-	During the First stage of the contract (Before entering the Second stage)	The service should be provided during first stage of the contract.



*10/10 Acharya*

*(Signature)*