Due Diligence Report

Project Number: 35173-013

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NEP: Third Small Towns' Water Supply and Sanitation Sector Project –Tikapur Town Subproject

Prepared by the Third Small Town Water Supply and Sanitation Sector Project, Ministry of Urban Development, Government of Nepal for the Asian Development Bank.

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CURRENCY EQUIVALENTS

(as of 25 March 2015)

Currency Unit = NPR

NPR 1.00 = \$0.01006 \$1.00 = 99.32

ABBREVIATIONS

ADB – Asian Development Bank

AP – affected persons

BS – Bikram Sambat (Nepali calendar)

BPL – below poverty line

CBS – Central Bureau of Statistics
CBO – community based organization

CDC – compensation determination committee

CDO – Chief District Officer

CPR – common property resource
DDC – District Development Committee

DOR – Department of Roads
DP - displaced person(s)

DSC – design and supervision consultants

DWSS - Department of Water Supply and Sewerage

EA – executing agency

EMP – environmental management plan

GON – Government of Nepal

GESI – gender equity and social inclusion
GRC – grievance redress committee
GRM – grievance redress mechanism

HA – hectares HH – households

IA – implementing agency
IP – indigenous peoples
IR – involuntary resettlement

LAA – land acquisition LAA – Land Acquisition Act lps – litres per second

MUD - Ministry of Urban Development

MPPW – Ministry of Physical Planning and Works

NA – not available

NGO – non-government organization NLSS – Nepal Living Standards Survey NPC – National Planning Commission

NPR – Nepalese rupee

NWSC – Nepal Water Supply Corporation

PD – project director

PH – physically handicapped

PMC – project management consultant PMO – project management office

PPTA – project preparatory technical assistance

RF - resettlement framework

RP - resettlement plan

R&R – resettlement and rehabilitation

RS – resettlement specialist SSO – Social Safeguards Officer

SDSA – social development and safeguards assistant

SPS – Safeguard Policy Statement SSE – social safeguard expert

STWSSSP - Small Towns Water Supply and Sanitation Sector

Project

TA – technical assistance
TDF – town development fund
TOR – terms of reference

WHH – women headed households

WSSDO – Water Supply and Sanitation Division Office

WTP – water treatment plant

WUSC – water users and sanitation committeeVDC – Village Development Committee

WEIGHTS AND MEASURES

cum – cubic meter
Km – kilometer
m² – square meter
Mm – millimeter

m³ – micrograms per cubic meter

GLOSSARY OF NEPALI TERMS

ropani - Size of land parcel; 1 ropani= 16 anna (0.0509 ha)-508.72 sq. m

anna Size of land parcel; 1 anna= 4 paisa (0.0509 ha)

paisa Size of land parcel; 1 paisa= 4 dam = 31.80 sq.m

dam Size of land parcel; 1 dam=1.99 sq.m

bigha – size of land parcel; 1 bigha = 20 katha (0.678 ha)

crore – 10 million (= 100 lakh)

dhur - size of land parcel; 1 dhur=0.0017 ha

katha – size of land parcel; 1 katha = 20 paisa (0.0339 ha)

kucchi – temporary structure e.g a rural hut made of wood, bamboo or stone with

mud mortar and a thatched roof

lakh, lac – 100,000

pakki
 structure (house/building) with permanent roofing made of RCC/RBC
 semi-pakki
 house or building made of stone with mud mortar and clay, timber, slate

or corrugated iron roofing

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I. INTRODUCTION

A. Introduction

The Small Towns Water Supply and Sanitation Sector Project (STWSSSP) is a key initiative of Government of Nepal aiming at improved water supply and sanitation services in small towns and emerging urban areas of Nepal. The third STWSSSP builds upon lessons learnt from implementation of the first and second STWSSP and aims to extend improved water supplies and sanitation to around 26 small towns / subprojects. Ten of these subprojects are newly identified, while others are held over from the previous projects and others can be identified later. Remedial or extension works in towns previously covered by the first two projects are also candidate subprojects. The third STWSSSP aims to strengthen the overall effectiveness of project delivery with a particular focus on technical and financial aspects, at both national and local levels. Its envisaged outputs include: (i) improved water supply and sanitation infrastructure; (ii) strengthened sector policy, regulatory and institutional capacity and service delivery; and (iii) improved project implementation. The Project will also strengthen Government of Nepal's efforts to meet its millennium development goals. The project is to be implemented in 5 years from 2014 to 2019. The third STWSSSP uses a sector lending modality of ADB. A total of 26 towns are proposed to be covered under the project. Project towns include Nirmal Pokhari Bagmara, Ilam, Bidur and Tikapur, for which feasibility studies are prepared.

B. Proposed Subproject Components

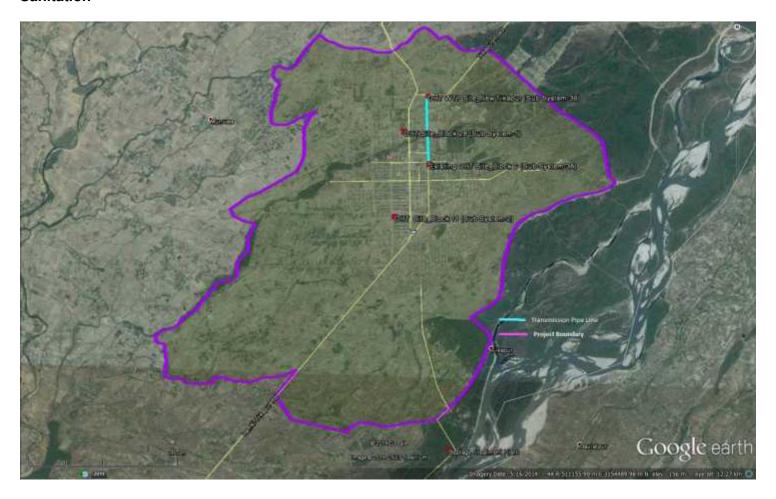
2. This land acquisition and resettlement due diligence report is prepared for the proposed Tikapur water supply and sanitation subproject, under the third Small Towns Water Supply and Sanitation Sector Project (STWSSSP). The proposed coverage area of the water supply subproject includes wards 3, 4, 6, 7, 8, 9 of Tikapur municipality. Total households in the selected wards are 8413 and total population is 51,080 in 2014.

II. SUBPROJECT DESCRIPTION

A. Proposed components

- 3. Subproject components (civil works) for water supply in Tikapur under the third STWSSP include four intakes (deep tubewells), of which one intake of 6 lps capacity is existing and the remaining 3 intakes of 20 lps are newly proposed; treatment facilities and reservoir tanks adjacent to each of the proposed 3 new intakes; 3.4 Km transmission mains, 110 Km distribution pipelines, fire hydrants and valve chambers. Proposed sanitation improvements include 4 public toilets, 4 septage management demonstration projects and toilets at educational institutions, and a septage management facility for the town. Figure 1 presents a satellite map depicting proposed subproject components for water supply and the town-level septage management facility site under the third STWSSSP in Tikapur.
- 4. A due diligence process was conducted for proposed project sites and alignments in line with the Resettlement Framework prepared for third STWSSSP and ADB SPS 2009. This report describes the findings and provides copies of relevant legal documents, minutes of meetings and photographs. Upon project implementation, the Social Safeguards Officer at PMO will be required to undertake a review of this due diligence, prepare a confirmation letter or report documenting any modifications for the subprojects and submit to ADB; and receive a 'no objection' confirmation from ADB prior to start of construction.

Figure 1: Satellite map depicting proposed subproject component sites and alignments, Tikapur Water Supply and Sanitation



III. FIELD WORK: SURVEYS AND PUBLIC CONSULTATION

A. Outline of field work

5. A field visit was conducted to sites with existing facilities and and proposed new structures; pipelinealignments, main alignments, transmission main RVT, sanitation facilities and consultation with stakeholders to confirm land use and ownership. The consultaions were with beneficiaries, land donation organizations, and land ownership status for proposed water supply facilities. The available documents and certififation of land donation documents were verified and consultated with stakeholders..

B. Public Consultation

- 6. Consultations with key stakeholders were undertaken in line with ADB's requirements related to environment and social considerations. Tools for consultation used were stakeholder meetings and Focus Group Discussions (FGD). Key concerns of people related to the project were discussed.
- 7. During field visits to all proposed sites and pipeline alignments, potential impacts and mitigation measures were assessed and discussed with stakeholders. The consultations helped identify the felt needs/concerns and priorities of the stakeholders. The field visits also helped ascertain that no further surveys and inventories are required.

Table 1: Summary of consultations

Date	Location	No. of Participants	Participants	Topics Discussed	Issues Raised
4 September 2014	Tikapur Municipality Office	6 All Male	Executive Officer, Municipality officials, WUSC members, rep from Squatter promotion society	Tikapur as emerging town, Existing high land rate in the Municipality, economic activities; Increasing migration of people from different part of the country; Land availability for the project; Social safeguard issues; Census and socioeconomic surveys of beneficiary households.	Quality and adequate supply of water required in the town
4 September 2014	Ward no. 9, Naya Tikapur, Tikapur Municipality	10 All female	Local residents, mixed ethnic group (ethnic minority, Brahman/ Chettry and other castes)	Existing source and quality of water (handpump); Need for private connections; Incidence of diarrhea, jaundice, typhoid and other water borne diseases Affordability for connection charge and monthly tariff.	Existing water supply from the Municipality, Quality of water from other sources
4 September 2014	Sri Birendra Vidyamandir Higher Seocndary School; Birendra Vidyamandir Multiple Campus, Tikapur Multiple Campus	8 All male	School/educational institutions' management staff	Status of existing toilets and their inadequacy Need for additional toilets	Whether any contribution other than land to be made by the institutions (for sanitation proposals).
5 September 2014	Tikapur Municipality Office ,	15 M=12 F=3	Executive Officer, Tikapur municipality; municipal officials,	Presentation of technical, social and environmental status and issues, ADB	Necessity of awareness campaign to collect 5% upfront cash, affordability, monthly tariff, inclusion of Tharu

	Meeting Hall		WUSC members, representativesof-indigenous community, Red Cross, Jaycees; Lions Club, District Chairman of Federation of Nepalese Chamber of Commerce and Industry, different political parties, freed bonded labor and media	social safeguard policy 2009; different options of water supply; Affordability for connection charge and monthly tariff.	(IP)and other backward community inproposed water supplyproject and need for subsidy. Danger of excluding IP / traditionally marginalized community if only the core area of selected wards is served by proposed project (as these communities live on the periphery of the selected wards).
5 September 2014	Ward no. 9, Block No. 11, Malika Tole, Tikapur Municipality	20 All female	Local residents/community, water users	Existing water supply system from Municipality (timing, water quality), Diseasesprevalent:malaria, diarrhea, jaundice, typhoid. Need for regular supply and quality water from Municipality. Affordability for connection charge and monthly tariff.	Existing water supply system from Municipality, water quality Whether households with existing connections would need to pay connection charge Need for awareness on proposals for the locality during project implementation; need for information display boards, signs etc. during construction.
5 September 2014	Ward no. 5, Lamki Tole, Tikapur Municipality	22 M=5 F=17	Local residents/community	No drinking water supply from Municipality, Water source- hand pump only (sand and worms found), Need forpiped drinking water supply of good quality; Majority can afford connection charge and monthly tariff, a few households require subsidy.	Request to share water tap expressed by 3-4 households as they felt unable to bear individual connection charge; Urgent requirement for water connection from the project expressed by all participants.

IV. LAND AVAILABILITY AND RESETTLEMENT IMPACTS

A. Findings

- 8. Most water supply sub-project components and alignments are proposed on municipal land and municipal/government road rights of way. The exception is one site owned by a non-profit educational institution, Tikapur Multiple Campus, which is willing to provide land for the project.¹
- 9. The existing deep tubewell and reservoir tank (RVT), proposed for rehabilitation/maintenance work and integration with the proposed system, are located on municipal land. The site has existing municipal staff quarters, guard house, borewell, an abandoned tank, a functional tank, and a billing counter; none of the existing features will be permanently affected by the proposed maintenance work of RVT and borewell. Temporary impacts during construction e.g. potential barriers to access existing facilities/quarters due to construction materials kept on site etc.can be easily avoided by the contractor, as there is adequate space within the compound.
- 10. New facilities proposed for water supply include three sets of deep tubewell, RVT and treatment facility at 3 different locations/sites:

¹Tikapur Multiple Campus, a not-for-profit institution, has provided ano objection letter (Appendix 1) to construct proposed water supply facilities for Tikapur on 10 kattha (6360 sq m) of its land, which is 0.17% of its total landholdings of 300 bigha (3816000 sq m). The institution will be a direct beneficiary under the project and will receive as benefits (i) a free water connection from the project (but will be required to bear monthly user charges), and (ii) a demonstration project for septage management and toilets, funded by a grant.

- (i) The first site, at ward no. 9 block 28 is vacant land owned by Tikapur municipality. A compound wall has been constructed around the site and a guard house was under construction in a corner of the site, during field visit.
- (ii) The second, at ward no. 9, block 11, near Asian Hotel, is vacant land, owned by Tikapur municipality.
- (iii) The third is Tikapur Multiple Campus (TMC, a non-profiteducational institution) land, which is free of structures and used for paddy cultivation by TMC itself, which hires casual labor (different persons who are available) as and when required for agricultural work, who will continue to be hired on similar other lands owned/cultivated by TMC. The estimated income/profit from sale of paddy on the proposed land is NPR 10,000 per annum after deducting all costs such as wages, seeds, manure etc. A no objection has been received form TMC to Tikapur WUSC for construction of water supply facilities on its land (Appendix 1).
- 11. Two sites for new water supply facilities (para 10) are vacant/unused and are municipal land and the third is non-profit institutional land which is free of structures and under cultivation by the institution using casual labor, but is not anticipated to cause any livelihood loss. Hence no IR impacts are anticipated.
- 12. Transmission main pipelines of 3.4 Km length are proposed within existing municipal road RoWs/vacant government and non-profit institutional land, which has given its consent to provide land for the project. Distribution lines of 110 Km are proposed along existing municipal/government road RoWs. Hence, no permanent IR impacts are anticipated due to laying of transmission mains and distribution lines. No relocation impacts or impacts on structures are anticipated at any of the identified sites or alignments for water supply proposals in Tikapur.
- 13. Temporary impacts of network laying and house connections are limited to potential access disruptions for shops and residences. The contractor will be required to provide signs at appropriate locations indicating available alternate access routes to minimize traffic disruptions. The contractor will have to ensure access to shops and residences using simple wooden walkways where required and limit the excavation to 500 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.
- 14. Land ownership and availability documents for the proposed sites for water supply facilities are annexed to this due diligence report (Appendix 1).
- 15. Proposed sanitation facilities include:
 - (i) **Public toilets** (4 no. of toilet complexes) at Bangala Park picnic spot, at the public open theatre, at the Municipal Health Centre and at Pashu Haat Bazar. All these lands are owned by the municipality, which has confirmed adequate land availability and ownership in a letter addressed to the Department of Water Supply and Sewerage, annexed to this due diligence report (Appendix 1). Adequacy and availability of vacant land was also confirmed through site visits to each proposed public toilet site.
 - (ii) Septage management demonstration projects with institutional toilets (4 no.) at Sri Birendra Vidyamandir Higher Secondary School, Sri Birendra Vidyamandir Higher Secondary School Hostel, Tikapur Multiple Campus, and Sri Birendra Bidyamandir Multiple Campus, which are non-

profitschools/colleges, proposed for grant funding. Visits to each campus and discussions with the management of the institutions confirmed the urgent need for sanitation facilities, including toilets for girls and boys. Existing toilets in these institutions are inadequate and in need of repair and even after repair, will be inadequate for the large student populations catered, hence the need for new/additional toilets. The need for toilets is conveyed in writing by each of the institutions, annexed to this DDR in Appendix 1. Land availability for the proposed facilities was confirmed through site visits.

- (iii) **Septage management facility** for Tikapur is proposed at Bhagaraiya Community Forest, ward no. 3 (Tikapur municipality land).
- 16. All public toilets are proposed on municipal land; the proposed sites are uninhabited and free of structures, hence, no relocation/IR impacts are anticipated. For the proposed institutional toilets and septage management facilities, indiscriminate dumping of materials during construction will be avoided by the contractor during construction, to avoid potential access disruptions to the institutions. Any potentially disruptive construction work (due to noise etc.) will be undertaken by the contractor during non-working hours of the institutions/holidays to avoid disturbance to students/teachers.
- 17. Tables 2 and 3 provide land ownershipdetails for the sites where water supply and sanitation facilities are proposed in Tikapur and Table 4 gives details of IR impacts of each proposed subproject component.

Table 2: Land availability / ownership details of proposed sites for Tikapur Water Supply

	Land required	Land available	Land ownership	Remarks
I. Intakes	required			-
1.1 Deep tube-well (Existing) at Block C, ward no 9	4m x 4 m	2307.09 sq.m	Tikapur Municipality	New plot no. P1 Old parcel no. 260
1.2 Deep tube-well (Proposed) at Block 28, ward no 9.	4m x 4m	1354.40 sq.m.	Tikapur Municipality	New plot no. 18,19 Old parcel no. 640
1.3 Deep tube-well (Proposed) at Block 11, ward no 9.	4m x 4m	2309.40 sq.m	Tikapur Municipality.	New plot no. P3 Old parcel no. 2242-
1.4 Deep tube-well (Proposed) south of Naya Tikapur (Tikapur Multiple Campus land)	4m x 4m	Adequate*	Tikapur Multiple Campus (non-profit educational institution)	-
II. Treatment Facilities				
2.1 Proposed at Block 28, ward no 9.	15m x 15 m	1354.40 sq.m.	Tikapur Municipality	Same site as 1.2
2.2 Proposed at Block 11, ward no 9.	15m x 15 m	2309.40 sq.m	Tikapur Municipality	Same site as 1.3
2.3 Proposed south of Naya Tikapur (Tikapur Multiple Campus land).	15m x 15 m	Adequate*	Tikapur Multiple Campus	Same site as 1.4
III. Reservoir tanks				
3.1 Existing at WN-9 Block "C"	10m x 10 m	2307.09 sq.m	Tikapur Municipality	Same site as 1.1
3.2 Proposed at WN-9 near Block "28"	20m x 20 m	Adequate*	Tikapur Municipality	Same site as 1.2 and 2.1
3.3 Proposed at WN-9 near Asian Hotel Block "11"	20m x 20 m	Adequate*	Tikapur Municipality	Same site as 1.3 and 2.2
3.4 Proposed south of Naya Tikapur(Tikapur Multiple Campus land)	20m x 20 m	Adequate*	Tikapur Multiple Campus	Same site as 1.4 and 2.3

Note: "Adequate" land availability assessed on the basis of site inspection/field visit by PPTA engineer and social safeguards team.

Table 2: Land ownership details of proposed sanitation sites, Tikapur

S.N	Proposed location	Ward no/	Land available	Land ownership	Remarks
		Settlement	(Area in Bigha -		
			Kattha)		

Toile	t proposed by Tikapur Mur	icipality			
1	At Bangala Park Picnic spot	Ward no. 3, Tikapur	12 bigha 18 kattha	Tikapur Municipality	
2	At Public Open Theatre	Ward no. 9, Tikapur	5 bigha	Tikapur Municipality	
3	At Municipal Health Centre, Asnehari	Ward no. 4, Tikapur	3 bigha	Tikapur Municipality	
4	At Pasuhat Bazar	Ward no. 9, Tikapur	2 bigha	Tikapur Municipality	
Sept	age management demonst	ration projects a	nd toilets at non-pro	fit educational institut	tions, Tikapur
6	Sri Birendra Vidyamandir Higher Secondary School (septage management facility and toilets for teachers, girls and boys)- within school compound	Tikapur	Adequate land available	Birendra Higher Secondary (non-profit educational institution)	Large compound with adequate vacant land.
7	Sri Birendra Vidyamandir Higher Secondary School (septage management facility and toilets for girls and boys) – within hostel compound	Tikapur	Adequate land available	Birendra Bidyamandir Vidyamandir Higher Secondary School hostel (non-profit educational institution)	Same as above
8	Tikapur Multiple Campus – septage management facility and toilets for girls and boys (in campus compound)	Tikapur	Adequate land available	Tikapur Multiple Campus (non-profit educational institution)	Same as above
9	Birendra Bidyamandir Multiple Campus (septage management facility and toilets for teachers, girls and boys)- in campus compound	Tikapur	Adequate land available	Birendra Bidyamandir Multiple Campus (non-profit educational institution)	Same as above
Sept	age Management		J		
10	Bhagaraiya Community Forest	Ward no 3	Adequate land available	Tikapur Municipality	

Note: "Adequate" land availability assessed on the basis of site inspection/field visit by PPTA engineer and social safeguards team.

Table 4: Proposed sub-project components Tikapur Water Supply and Sanitation Sub-project and their involuntary resettlement impact status

S.N	Components	Capacity	Area	Length/ No.	IR Impacts	IP Impacts	Proposed measures	mitigation
Water 9	Supply (intakes)					•		
1.1	Deep Tube-well (existing) at WN-9,	6 lps	16 sq. m.		Existing facility on municipal land proposed for rehabilitation within same compound. No additional land requirements, hence no IR impacts anticipated.	None		
1.2	Deep Tube-well (proposed) at WN-9 , Block 28	20 lps	16 sq. m.		Vacant, municipal land with compound wall. Guard house under construction in one corner. No permanent IR impacts anticipated.	None		
1.3	Deep Tube-well (proposed) at WN-9 , Block 11	20 lps	16 sq. m.		Vacant, unfenced and unused municipal land. Residential landuse in surrounding areas are expected to benefit from the facility. No IR impacts anticipated.	None		
1.4	Deep Tube-well (proposed) south of Naya Tikapur, Tikapur Multiple Campus ,	20 lps	16 sq. m.		Land belongs to Tikapur Multiple Campus, a non-profiteducational institution. No structures present on proposed site, which is under paddy cultivation by TMC itself, using casual labor. Income/profit from sale of paddy is NPR 10,000 per annum. TMC does not wish to accept any compensation for crops as it is providing the land for public welfare. Casual labor (different people hired from Tikapur market as and when required) are not anticipated to lose their livelihood, as they will continue to have the opportunity to work on other lands being cultivated by TMC. No IR impacts anticipated. TMC will be a direct beneficiary of the project, and will receive a free water supply connection from the project and a demonstration septage management project including toilets, through grant funding under the project.	None		
2.	Treatment facilities							
2.1	Proposed at Block 28, ward no 9.	40 Lps	225 sq. m		Proposed in the same site as 1.2 No IR impacts anticipated.	None		
2.2	Proposed at Block 11, ward no 9.	40 Lps	225 sq. m		Proposed in the same site as 1.3 No IR impacts anticipated.	None		
2.3	Proposed south	40 Lps	225 sq. m		Proposed in the same site as 1.4. No IR impacts	None		

S.N	Components	Capacity	Area	Length/ No.	IR Impacts	IP Impacts	Proposed measures	mitigation
	ofNaya Tikapur (Tikapur Multiple Campus land)				anticipated	•		
	3. Reservoir tanks						-	
3.1	Existing at ward no 9 Block "C"	225 Cu. m.	100 sq. m.		Proposed in the same site as 1.1. No IR impacts anticipated None	None		
3.2	Proposed at ward no 9 near Block "28"	1000 Cu. m.	400 sq. m.		Proposed in the same site as 1.2 No IR impacts anticipated.	None		
3.3	Proposed at ward no.9 near Asian Hotel Block "11"		400 sq. m.		Proposed in the same site as 1.3 No IR impacts anticipated.	None		
3.4	Proposed south of Naya Tikapur(Tikapur Multiple Campus land)	1000 Cu. m.	400 sq. m.		Proposed in the same site as 1.4. No IR impacts anticipated	None		
4.Oth	ers							
4.1	Transmission main pipelines (including existing pipeline for rehabilitation and new pipeline)			3.4 km	Municipal/government road RoW; partly .within Tikapur Multiple Campus land (non-profit educational institution land), for which no objection letter is received (Appendix 1).	None		
4.2	Distribution system			110 km	Road RoW, municipal/government land	None other than the system		
4.3	Fire Hydrants	1.5 Kgf for 15 Lps			Road RoW, /municipal/government land	None		
4.4	Valve chambers	•			Road RoW, municipal/government land	None		
5. Saı	nitation							
5.1	At Bangala Park Picnic spot			1 toilet complex	Municipal land. Vacant land available. No IR impacts anticipated	None		
5.2	At Public Open Theatre			1 toilet complex	Municipal land. Large, vacant land parcel around a permanent stage constructed by the municipality for public functions. No IR impacts anticipated.	None		

S.N	Components	Capacity	Area	Length/ No.	IR Impacts	IP Impacts	Proposed mitigation measures
5.3	At Municipal Health Centre			1 toilet complex	Municipal land. Adequate vacant land available for toilet behind the building, within compound. No permanent IR impacts anticipated.	None	Contractor to avoid temporary impacts during construction by undertaking construction activities at suitable time of day (when there are less/no patients), in consultation with the doctor/officer in charge.
5.4	At Pasuhat Bazar			1 toilet complex	Municipal land with stalls constructed by the municipality. Adequate vacant land available for toilets.	None	Contractor to avoid construction of toilet on market day.
5.5	Sri Birendra Vidyamandir Higher Secondary School (septage management demonstration project including toilets for teachers and students (girls and boys) - within school compound			2 sets of toilets (1 for girls and another for boys, adjacent to existing toilets for girls and boys)	Non-profit school (recognized as a model school by Government of Nepal). Vacant land available within school compound for proposed facilities. Urgent need for toilets expressed through request letter. No permanent IR impacts anticipated.	None	Contractor to avoid noise/ disturbance during school hours.
5.6	Sri Birendra Vidyamandir Higher Secondary School (septage management demonstration project including toilets for girls and boys – residents of hostel) – within hostel compound			2 sets of toilets (1 for girls and another for boys)	Non-profit school hostel. Vacant land available within hostel compound for construction of proposed facilities. Urgent need for toilets expressed through request letter. No permanent IR impacts anticipated.	None	Contractor to : (a) construct during school hours, when children are away from the hostel; (b) avoid indiscriminate dumping of materials that may hamper access to hostels.

S.N	Components	Capacity	Area	Length/ No.	IR Impacts	IP Impacts	Proposed mitigation measures
5.7	Tikapur Multiple Campus (septage management demonstration project including toilets for girls and boys – campus compound)			1 toilet complex	Non-profitinstitution (that is providing land forwater supply facilities for Tikapur on its land). Vacant land available adjacent to existing college building for proposed sanitation facilities. Urgent need for toilets expressed through request letter. No IR impacts anticipated.	None	Contractor to avoid noise/ disturbance during school hours.
5.8	Birendra Vidyamandir Multiple Campus (septage management demonstration project including toilets for girls and boys and teachers)- campus compound			1 toilet complex	Non-profit institution. Vacant land available adjacent to and behind existing building for construction of proposed sanitation facilities. Urgent need for toilets expressed through request letter. No IR impacts anticipated.	None	Contractor to avoid noise/disturbance during school hours.
	eptage management (munity Forest)	Bhagaraiya			Land owned by Tikapur municipality. About 1.5 Km away from nearest settlement, no encroachers/squatters/structures. Remaining land will continue to be available for use by the community user group.	None	

V. CONCLUSIONS

A. Summaryand Conclusions

- 18. Most of the land required for construction of new components of the proposed water supply system and sanitation facilities is municipality-owned, with the exception of proposal for 1 borewell cum treatment facility and RVT on Tikapur Multiple Campus land, which has given a no objection letter to construct water supply facilitieson its land (consent letter appended to DDR Appendix 1), and septage management demonstration projects including toilets using grant funds at private educational institutions (Sri Birendra Vidyamandir Higher Secondary School and hostel, Tikapur Multiple Campus and Sri Birendra Vidyamandir Multiple Campus). Existing facilities proposed for rehabilitation on municipal land do not require additional land. Relocation or livelihood loss is not anticipated as adequate vacant land is available at each site.
- 19. A budgetary provision is made for costs likely to be incurred by the PMO for updating of this due diligence report (NPR 20,000), by PMO and RPMO for consultation, communication and grievance redress (NPR 100,000), free water supply connection for Tikapur Multiple Campus (NPR 40,000), and 15% contingencies (NPR 24,000), adding up to NPR 184,000.Cost of provision of septage demonstration projects and toilets to the 4 non-profit educational institutions is not considered as part of DDR cost as it is part of the overall project cost.

B. Next Steps

20. Update DDR during implementation.

Appendix1: Land related Documents

भर्ग - इ. नियम ६ को उपनिषम (६) संभ सम्बन्धित। उपभोक्ता संस्था दर्ता प्रमाण-पः

को मित - १०७१ × १९९ को र - १९३१

कैलाली जिल्ला जलस्रोत समिति

श्री क्षी काप - इ क्रिकाली

श्री हिलापुर रामा कहरो रनाम्बार उपने का स्वराजनी संस्था कैलाली जलस्रोत ऐन २०४९ को दफा ५ को उपदफा (२) तथा जलस्रोत नियमावली २०५० को नियम ६ को उप-नियम (१) वमोजिम २०७० साल भाद ११ गते यस कार्यालयमा दर्ता गरी यो प्रमाण पत्र प्रदान गरिएको छ । जलस्रोत ऐन २०४९ र जलस्रोत नियमावली २०५० वमोजिम आफनो कार्य संचालन गर्नु होला ।

सही :- १ भारता वि.स. १ मि.स्या वि.स.

Tikapur Water Supply Users Committee registration certificate as per Water Resource Act 2049 and its subsection 2 Water Resource Rules of 2050 issued by Kailali District.

टीकापुर विकास समिति र टीकापुर नगरपालिका विच स्वामित्व हस्तान्तरण

टीक्रपुर विकास समितिले निर्माण गरेका विकासका पूर्वाधारहरू सम्बन्धित निकासलाई हक हस्तान्तरण गर्न श्री भौतिक योजना तथा निर्माण मन्त्रालयको निर्देशन तथा मन्त्री परिषदको निर्णयानुसार मन्त्रालयबाट गठित कार्यदलको प्रातवेदन बमोजिम यस समितिको नगरयोजनामा खानेपानीका लागि छुट्टयाहएको तपसिलको जग्गा सम्माननीय पूर्व प्रधानमन्त्री शेर बहादुर देउबा ज्यूको प्रमुख आतिथ्यमा टीक्रपुर नगरपालिकाको स्वाधित्व रहने गरी आज मिति २०६३ साल माघ २३ गतेका दिन आयोजित मन्य समारोह विच हस्तान्तरण गरियो ।

सि.नं.	विवरण	प्लट न.	क्षेत्रफल				कैफियत
			बिगाहा	क्ट्ठा	धुर	व.मी.	
*	ब्लक नं. सी. मा खानेपानीलाई खुट्याइएको जग्गा	धी - १	0	ā	48'50	2300.0£	
5	ब्लक नं. ११ मा खानेपानीका लागि क्षुट्रयाहएको जुग्गा	पी - ३	٥	Ø	оуо	2305.00	
3	स्रमक नं. २४ मा लानपानीयक स्तार सुटुयाइएको जग्गा	7 37 38	0	A.	0	6958800	

स्वामित्व इस्तान्तरण गर्ने भार

श्री बल बहादुर कडायत

योजना प्रमुख बा अलग अनुख

टीकापुर विकास समिति

स्वामित्व हस्तान्तरण बुिफलिने :

विश्वालील रेग्मी भारत्सरी अधिकत

टीकापर नगरपालिका कार्यालय

थी फकिर सिह कटायन

अध्यक्ष द्वारुपद्वा

टीकापुर विकास समिति

Mr will an

सम्माननीय पूर्व प्रधामन्त्री शेर बहादुर देउवा

प्रमुख अतिथि

Different land parcels allocated for water supply to Tikapur: Land parcel P-1(Block C); P-3 (Block 11);P-18 &19(Block 28). These land parcels were handed over to Tikapur Municipality by Tikapur Development Committee on 2069/10/23 in the presence of former honorable Prime Minister of Nepal Mr. Sher Bahadur Deuba; Chairman of Tikapur Development Committee, Executive Secretary of Tikapur Municipality and Project Chief, Tikapur Development Committee, Kailali District

टीकापुर नगर विकास समिति

टीकापुर ,कॅलाली

Heat 082/00 मी मः 28

जग्गा दाखा. तथा नामसारी सम्बन्धमा विषयः

टीकापुर नगरपालिका कार्यालय टीकापुर, कैलाली

Fifth उपरोक्त सम्बन्धमा नेपाल सरकार (मन्त्रिपरिपर) को मिति २०६४/४/६ टीकापुर विकास समितिको पालामा हस्तान्तरण गरिएका देहाय बमोजिमका जग्गाहरूको किता न. तपितल बमोजिम भएको स्पहोरा अनुरोध छ ।

टीकापुर न.पा. बाड न. र टीकापुर नगर विकास समितिबाट वा.खा. गरी लालपुर्जा उपलब्ध हुन जाने

कत्ताहरूः - विवरण	प्लट न	पाएको क्षे.फ.ब.म.	दा.स्वा. हुने कि.नं.	मध्यबाट जाने के.फि.
	पी-१	2300.02	250	\$1.3790c
लक न. C खानेपानी	- 1	00,30/5	5585	34.866
लक न. ११ खानेपानी	पी-३		083	. \$NNO5'N3
क्रमक न. २४ खानेपानी	पी-१ट.१र्ट	- 1388.00	2110	25,32,32
ब्लक न. २१ बसपार्क	पी,बीर	12255.22	747	558/06/83
व्यवक मं. १ स्मारिका र इस्डोरमाकेंट	पी-१०	2883'30		
ब्लक नं. १.इन्डोरमार्केट र सीधालय	पी,बीर	1201.00	155	54653'31

मीरनियां गा.वि.स वाह ने. ४ र ६ का विभिन्न किताहरू मालयोत कार्यालयबाट नामसारी गर्नुपर्ने क्षे.फ.

- १) भगरेया नसंरी जगल १११-०६-१७ विगाहा
- २) टीकापुर नर्सरी
- १८०-१८-४ विगाहा मध्येबाट २५ विगाहा पोलीटेक्निकललाई नामसारी भई गएको
- भैरवनाय वन १०-१७-४.२४ विगाहा
- श) टीकापुर बृहत उद्यान र भेरब नाथ वन ऐलानी प्रति भएको हुवा वर्ता गर्नुपर्ने क्षे.फ. ६०-१४-२.७४

नोट- मोरनियों गा.वि.स. वाड नं. ४ र ६ का किता उतार पाना धान ७ सलग्न छन

अध्यक्ष

Letter issued by Tikapur Municipality Development Committee to Tikapur Municipality regarding the new parcel numbers of land handed over by Tikapur Development Committee.

SHOUSE STORY SHOOTS AND ST SHO



टीकापुर नग्रुपुलिका कार्यालय

पत्र संख्या :- २०७१।७२ योजना शास्त्री चलानी नम्बर :- १६४६

मिति :२०७५।०६।२४

विषय:- सिफारिस सम्बन्धमा।

श्री यो जो जस संग सम्बन्ध राख्यछ ।

उपरोक्तः सम्बन्धमा यस नगरपालिकाको बडा न ९ मा स्थापीत तर्पासल बमोजिमका क्वाम्पसहरु विद्यालय नाफा रहित सामुदायिक शैक्षिक संस्था भएको र उक्त क्याम्पसहरु विद्यालयमा हाल निर्माणक गएको शीचालयहरु अप्रयाप्त र सुविधापुक नभएकोले शीचालय निर्माणका लागि टीकापुर साना शहरी खानेपानी तथा सरसफाई परियोजनामा प्रस्ताव गरिएको हुँदा शीचालय निर्माणका लागि सम्बन्धीत निकायमा विफारिस गरि दिन यस कार्यालयमा अनुरोध मैं आएकोले शीचालय निर्माणका लागि प्रस्ताव गरिएका तपसिल बमोजिमका क्याम्पसहरु विद्यालयमा शीचालय निर्माण गर्न अति आवश्यक भएको व्यक्षेरा सिफारिस साब अनुरोध छ ।

का.सं.	क्याम्पस / विद्यालयको नाम	ठेगाना	स्थापना	कैफियत
9.	टीकापुर वहुमुखी क्याम्पस, टीकापुर, कैलाली।	टी.न.पा.९ ब्लक न ३०	२०४८ साल	333.33
3	बीरेन्द्र विद्या मन्दिर वहुमुखी क्याम्पस, टीकापुर, कैलाली ।	टी.न.पा.९ व्यक्त नं ४	२०६३ साल	
ą.	बीरेन्द्र विश्वा मन्दिर उच्च मा वि टीकापुर, कैलाली ।	टी.न.पा.९ ब्लक न.३	२०३१ साल	नेपाल सरकारबाट मध्ये तथा सुदुर पश्चिमाञ्चल विकास क्षेत्रबाट छनीट भएको नमुना विवासम्म ।

रिन्तु आचार्यः नि कार्यकारी कृषिकता नि कार्यकारी कृषिकता

Letter issued by Tikapur Municipality to inform that Tikapur Multiple Campus, Birendra Bidya Mandir Multi Campus and Birendra Bidya Mandir Higher Secondary School, located at ward no 9, Tikapur Municipality, Kailali district, are all are non –profit institutions

ष शा. ०९१-४६०८९६ जिल्ही०९१-४६०८६३ वी.शा. ०९१-४६५३३४



टीकापुर नगरपालिका कार्यालय

टीकापुर, कैलाली

पत्र संस्था :- २०७९।७२ योजना शास्त्रा चलानी नम्बर :- १७०८

मिति:- २०७९।०५।२०

विषय:- सार्वजनिक शौचालय निर्माण सम्बन्धमा ।

श्री खानेपानी तथा ढल निकास विभाग, तेश्रो साना शहरी खानेपानी तथा सरसफाई आयोजना, पानीपोखरी, काठमाडौँ।

उपरोक्त सम्बन्धमा यस टीकापुर नगरपालिका क्षेत्रलाई सन् २०१७ भित्र खुला दिशामुक्त क्षेत्र घोषणा गर्ने लक्ष्य अनुरुप हाल सम्म ४ वटा वडाहरु खुला दिशा मुक्त वडा घोषणा मैं सकेको भएता पिन न पा क्षेत्र भित्र हाल सम्म ४ वटा मात्र सार्वजनिक शौचालय रहेकोले यस न पा क्षेत्र भित्रका तपिसल बमोजिमको स्थानहरुमा सार्वजनिक शौचालय निर्माण गर्न अल्यावश्यक भएको हुँदा उक्त शौधालय निर्माणका लागि आवश्यक बजेट व्यवस्थापन सहित कार्यान्वयन हुने व्यवस्था हुन अनुरोध छ, सार्व उक्त शौचालय निर्माणको लागत सहमागिता बापतको रकम र निर्माण पश्चात शौचालय व्यवस्थापन तथा मर्मत संभारको व्यवस्था यस न पा बाटै हुने व्यहोरा सादर अनुरोध छ ।

तपसिल :

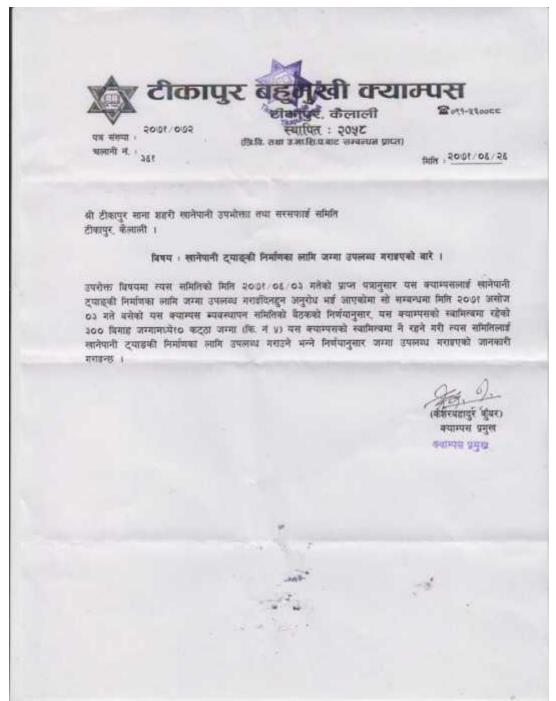
事.程.	सार्वजनिक शौचालय निर्माण हुने स्थान	वडा नं./टोल	क्षेत्रफल	स्वामित्व रहेको संस्था
9	टी.न.पा.बंगला पार्कको पिकनिक स्पोट	३/ अगला पार्क	१२-१=-० विगाहा	टीकापुर न.पा.कार्यालय
3	सार्वजनिक खुला मञ्च	९/व्यक नं २१	४-०-० विगाहा	टीकापुर न.पा.कार्यालय
b	नगर स्वास्थ्य केन्द्र रहेको स्थान	४ / अस्नेहरी	३-०-० विगाहा	टीकापर न.पा.कार्यालय
×	पशुहाटवजार स्थल	९/पशुहाटबजार	२-०-० विगाहा	टीकापुर न पा कार्यालय
X	रामपुर चौराहा	६/रामपुर	०-१०-० विगाहा	टीकापुर न पा कार्यालय

(यामलाल अधिकारी) कार्यकारी अधिकृत

कायकारी अधिकृत

4

Letter referred to the Department of Water Supply and Sewerage, Panipokhari, Kathmandu by Tikapur Municipality regarding the available public land for the construction of public toilets at different locations - Bangala Park Picnic spot; Open Theater; Municipal Health Post and Pashu Hatbazar.



Letter from Tikapur Multiple Campus to Tikapur WUSC stating that it will provide 10 kattha land (out of a total of 300 bigha land owned by the Campus) for the construction of water supply facilities for Tikapur.



वीरेन्द्र विद्यामन्दिर उच्च माध्यमिक विद्यालय

टीकापुर केलाली नेपाल

011-X50270 011-X50251 011-X507X1

पत्र संख्यो : २०७५/८०७२ बलानी न स्ट्राप्ट

मिति: 206-10×120

भी मान अहमका ज्यू साना सहरी स्वानेपानी तथा स्वर्तपाइ उपभीका सामिति दीवापुर, के लाली।

विषय : भी-पालम निर्माण स्त्रम्बन्धामा।

प्रस्तुत विषयं स्वेबन्धमा संव मरिन्द विद्या मार्टर उन्मानि हिन्तु प्रीतालका क्राभा १६०० (सुई हजार क्षण्य) विश्वाधीहिंद्र अध्यपनस्त स्त्। अविष्यमा विश्वालय त्या विश्वालय अन्तर्गति सक्नाणित नेपाल स्तर्कार विश्वालय क्षणा विश्वालय विश्वालय क्षणा विश्वालय विश्वालय विश्वालय विश्वालय विश्वालय विश्वालय विश्वालय विश्वालय विश्वा

प्राचारां Principal

Request letter for construction of toilets within the premises of school and hostel by Sri Birendra Vidyamandir Higher secondary school, Tikapur Municipality



टीकापुर बहुमुखी क्याम्पस

पत्र संख्या : २०७१/०७२ चेलानी ने : २६३ टिकापुर लाली स्थापित ०५८ (त्रिवि तथा उम्राशिपवाद मुखन्धन प्राप्त)

मिति : __२०७१/०४/११

श्रीमान् अध्यक्षज्यू साना शहरी सानेपानी तथा सरसफाई उपमोक्ता समिति टीकापुर, कॅलाली ।

विषय : शोंचालय निर्माण सम्बन्धमा ।

उपरोक्त विषयमा त्रिभुवन विश्वविद्यालयबाट २०५८ सालमा सम्बन्धन प्राप्त गरी समुद्ययबाट सञ्चालित यस टीकापुर बहुमुखी क्याम्पसले हाल +२ कार्यक्रमका साथ स्नातक तह देखि स्नातकोत्तर तहसम्म व्यवस्थापन, शिक्षाशास्त्र, मानविकी तथा सामाजिकशास्त्र र विज्ञान संकायतर्फका विभिन्न विषयहरूको पठनपाठन गराउँदै आहरहेको र विश्वविद्यालय अनुदान आयोग, नेपालबाट QAA समेत प्राप्त गरेको व्यहोरा अवगत गराउँदछु । हाल यस संस्थामा करिब ३५०० विद्यार्थीहरू अध्ययनरत छन । यस क्याम्पसमा उपलब्ध भएको शौचालय विद्यार्थीहरूका लागि पर्याप्त नभएकोले विद्यार्थीहरूका लागि शौचालयको अभाव भएको महशुस गरिएकोले यस संस्थाले उपलब्ध गराएको (विद्यार्थीहरूको सहज पहुँच भएको) क्षेत्रमा छात्र-छात्राहरूका लागि सुविधा सम्पन्न शौचालय निर्माण गरी सहयोग गरिदिनहुन अनुरोध गरिन्छ । साथ यस संस्थामा हाल संचालनमा रहेका शौचालयहरूको मर्मतसम्भारसमेत

(केशरवहादुर कुंबर) क्याम्पस प्रमुख क्याम्पस प्रमुख



वीरेन्द्र विद्यामन्दिर बहुमुखी क्याम्पस

(त्रि. वि. सम्बन्धन प्राप्त) टीकापुर, कैलाली

S OK4-AEOKRK

पत्र संख्याः ३ चलाती व 💢 १/२०६५/४६२

स्थाः २०६३

MAROUS. 104.19.8

भान् अध्यक्ष ज्य

साना शहरी खानेपानी तथा सरसफाई उपभोक्ता समिति टीकापर, कैलाली

विषय:

व्यवस्थित सौचालय निर्माणका लागि सहयोग माँग सम्बन्धमा ।

उपर्युक्त सम्बन्धमा यस वीरेन्द्र विद्यामित्दर बहुमुखी क्याम्पस व्यवस्थापन समितिको मिति २०७१/४/९९ गतेको निर्णय नं. ५ अनुसार यस क्याम्पसका शिक्षक,कर्मचारी र विद्यार्थीहरूका लागि सौचालयको अभाव भएकोले एउटा व्यवस्थित सौचालय निर्माणका लागि सहयोग गरिदिन हुन हार्दिक अनुरोध छ । साथै यस सहयोग माँग गर्ने सम्बन्धी क्याम्पस व्यवस्थापन समितिको निर्णयको प्रतिलिपी यसै पत्रका साथ संलग्न गरिएको व्यह्नोस समेत अनुरोध छ ।

धर्म बहादूर बिष्ट (क्यामस प्रमख)

Request letter for the construction of toiletsin the campus of Birendra Bidyamandir Multiple Campus, Tikapur Municipality

Appendix2: Photographs

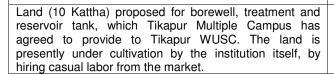




Existing OHT at Block no C, ward no 9, land owned by, Tikapur Municipality

Land proposed for boring, RVT and treatment facility at Block 11; land owned by Municipality







Land proposed for borewell, treatment and reservoir tank at Block 28, Municipality land, presently vacant, unused and overgrown with weeds.

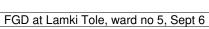




Consultation and discussion on technical, social and environmental aspects at Tikapur Municipality hall, Sept 5

FGD at Naya Tikapur, ward no 9, Sept. 6







FGD at Malika tole, Block no 11, ward no. 5, Sept 6





Proposed land area for Public toilet at Pasu haat bazar, ward 9, Tikapur Municipality



Public toilet proposed at Oshnehari, ward no 4, health post compound



Proposed public toilet at Tikapur Bangala parkpicnic spot



Sri Birendra Vidyamandir Higher Secondary School, where need for toilets expressed



Availability of land for construction of toilets at Sri Birendra Vidyamandir Higher Secondary School



Status of existing girls' toilets at Sri Birendra Vidyamandir Higher Secondary School: clean, but in need of repair and conversion to flush latrines



Land available for toilet construction adjacent to hostel for Sri Birendra Vidyamandir Higher Secondary School



Tikapur Multiple Campus, where need for toilets expressed



Status of existing Ladies' Toilet (not usable) at Tikapur Multiple Campus



Sri Birendra Vidyamandir Multiple Campus, where need for toilets expressed



Land available for toilets at Sri Birendra Vidyamandir Multiple Campus