

Environmental and Social Management Plan (ESMP)

Nepal Urban Governance and Infrastructure Project (NUGIP)

Upgradation of Maheshwor Subba Marga Road

Sundarharaicha Municipality
Biratchowk, Morang District, Koshi Province
Nepal

December 2023

Acronym

BoQ	: Bill of Quantity
CBS	: Central Bureau of Statistics
CESMP	: Construction Environment and Social Management Plan
CoC	: Code of Conduct
DPR	: Detailed Project Report
DSC	: Design and Supervision Consultant
DUDBC	: Department of Urban Development & Building Construction
EA	: Environmental Assessment
EHS	: Environment, Health and Safety
EPR	: Environmental Protection Rule
ESMP	: Environmental and Social Management Plan
FGD	: Focus Group Discussion
ILO	: International Labor Organization
NUGIP	: Nepal Urban Governance and Infrastructure Project
OHS	: Occupational Health & Safety
OP/BP	: Operational Policy/Bank Policy
PCO	: Project Coordination Office
PIM	: Project Implementation Manual
PIU	: Project Implementation Unit
PPE	: Personal Protective Equipment
RoW	: Right of Way
SEA/SH	: Sexual Exploitation and Abuse/Sexual Harassment
STD	: Sexually Transmitted Disease
WB	: World Bank
WASH	: Water, Sanitation and Hygiene

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1. PROJECT INTRODUCTION

The Department of Urban Development and Building Construction (DUDBC) under Ministry of Urban Development (MoUD) of Government of Nepal has been executing the Nepal Urban Governance and Infrastructure Project (NUGIP) within the strategic framework for urban development envisaged in National Urban Development Strategy since the fiscal year 2077/78 B.S.

The DPR of **Upgradation Works of Maheshwor Subba Marga road** in Sundarharaicha municipality has been prepared as per the Contract between the Office of the Municipal Executive of Sundarharaicha Municipality; Nepal Urban Governance and Infrastructure Project (NUGIP) (Client) and JV of GOEC Nepal P. Ltd, Cosmopolitan Consultant & Technical Education Center P. Ltd.(C2TECH), Garima International Design Associates Nepal P. Ltd. (GIDAN), BEAM Consult (P) Ltd and COEMANCO Nepal (P) Ltd which have entered into the agreement, for performing work REF No: NP-DUDBC-216325-CS-QCBS to provide services on Detailed Engineering Design and Construction Supervision (DSC) covering the upgradation and rehabilitation works. The project is expected to contribute towards the municipal capacity for urban development planning, infrastructure development and institutional development of the municipality together with the improvement of livelihood of the local people along the settlement.

The study for Environmental and Social Management Plan of *Upgradation Works of Maheshwor subba marga Road* in Sundarharaicha municipality was conducted in July/August 2023. The study and preparation of the this ESMP is guided by the Environmental and Social Management Framework (ESMF) for NUGIP.

Sub Project Title	Upgradation of <i>Maheshwor subba marga Road</i>
Estimated Cost:	NRs. 699,674,995.37 (including VAT, Contingency, Price adjustment and PS) For ESMP cost: 1,350,000.00
Start/Completion Date:	January 2024 - July 2025

2. DESCRIPTION OF THE PROJECT SITE

Sundarharaicha is a municipality in Morang District of Koshi Province in Nepal. It is centered around Biratchowk town which is the gateway to Biratnagar. It borders Itahari Sub- Metropolitan city to the West, Dharan Sub- Metropolitan city to the Northwest and Belbari municipality to the East and is connected by the Mahendra Highway. It is one of the fastest growing cities in the Eastern Nepal and the second largest city of Morang district after Biratnagar. According to recent census (2078BS), Sundarharaicha municipality have 120,213 inhabitants living in 29,826 households. It consists the town centres of Biratchowk and Gothgaun which are parts of the Greater Birat Development Area which incorporates the cities of Biratnagar-Itahari-Gothgau-Biratchowk-Dharan primarily located on the Koshi Highway in Eastern Nepal. It was established on 10 March 2017 by merging the former municipalities Sundar Dulari (Sundarpur VDC and Dulari VDC) and Koshi Haraicha (Indrapur VDC, Mirgulia VDC and Haraicha VDC). Sundarharaicha has total 12 wards, which are spread across 110.16 square kilometers of geographical area. Mahendra Highway (East-West Highway) passes 21 km through Sundar Haraicha Municipality and links the municipality to the national main road link of Nepal.

2.1 Location of the project

The upgrading of 5.075Km length alignment starts at Maheshwor chowk (a portion of East west highway) and terminates at Latijhoda which is the boundary of ward 5 and 6. The road alignment passes through settlement of ward no 6. Its starting point coordinates are Easting 531350.715m, Northing 2948693.808m and elevation 61.096m end point coordinates are Easting 532331.767m, Northing 2952455.812 and elevation 82.63m. The project alignment passes through Commercial area and mostly through mixed land use and rural settlements. All the section of the proposed subproject is located in plain area and passes through settlements and agricultural lands. The road section requires pavement reconstruction to maintain acceptable levels of service.

2.2 Land use

Here the road alignment passes mostly from the settlement and Cultivable land. The RoW has been declared on 2015 AD during preparation of Municipal Transportation Master Plan (MTMP) of former municipalities. The declared ROW of this road is 30m. The road alignment passes through settlement and cultivated land of ward no 6. Also, the alignment passes through two community forest area however in this forest section, the width of existing track is the greater than proposed construction width. The name of the community forests is Siddartha community forest and Hariyali community forest. The project does not run through other ecologically sensitive area such as protected area, conservation area, wetland, national parks etc. No historical or archaeological sites are located within the project area.

The road construction width/formation width of proposed roads is clear in terms of structures and publicly in use for the construction of road. This route has 1.56 km of settlement and 3.15 km of agricultural land and 0.32 Km of forest area. on either side of the road alignment.

2.3 Topography and Hydrology

The settlement of this municipality lies in the flat terrain of Terai region. The landscape of Sundarharicha is very gentle slope from north to south. This municipality is distinguished by its lower height and flat plain. The municipality lies at an average elevation of 140 masl with an average climatic normal maximum temperature of 29.4°C and minimum temperature 18.1°C. The city receives an annual precipitation of 1863.9 mm/year.

Road alignment does not cross any major river however Gachiya River flows at the western part of the municipal area.

Rainfall data for the section of the road is chosen from rain-gauging stations at Birtangar Airport, Index no. 131901 which is available near the project area for the rainfall analysis. The annual series of maximum daily rainfalls are collected from Department of Hydrology and Meteorology in digital form which is used for analysis of sizes of side drain and cross drain. The latitude, longitude and elevations of the nearest station are shown in **Table 2-1** and existing cross drainage are listed in **Table 2-2**.

Table 2-1: Hydrology Station near Sundarharaicha Municipality

Station. Name.	Index no.	Latitude	Longitude	Elevation (m)	MAMDR	Record Length (yrs)
Biratnagar Airport	131901	26.483642	87.256456	75	85.74	30

2.4 Climate and Vegetation

In Sundarharaicha, the climate is warm and temperate. When compared with winter, the summers have much more rainfall. The climate is classified as Cwa according to Köppen and Geiger classification. The average temperature is recorded in Biratnagar (Municipal headquarter) is 23.0 °C | 73.4 °F. Average annual precipitation of Biratnagar area (Provincial headquarter) is 1863.9 mm. Road alignment does not cross any major river however Gachiya River flows at the western part of the alignment. Number of small seasonal and perennial small Hume pipe crosses the alignment at different Chainage.

The road alignment as tropical to subtropical vegetation types with dominance of deciduous trees. Trees like Ficus species, Sissoo (*Dalbergia Sissoo*), Bakaino (*Melia azedarach*), Simal (*Bombax ceiba*), Kapur (*Cinnamomum camphora*), Sal (*Shorea robusta*), Khirro (*Sapium insigne*), Ipil (*Leucaena leucocephala*), and bamboo species are found in the project area. The road alignment passes through 2 Community Forests namely **Siddartha community forest and Hariyali community forest**. However, the upgradation works will be carried out on the existing road only, and there is already minimum required road width of at least 10m available for the road upgradation works. Letter from the Community Forest user groups has been provided in **Annex II**.

2.5 Air Quality

The main construction activities that cause air pollution are earthworks excavation, asphalt plants operations and vehicle movement. These activities generate dust, which directly affect the air quality. In addition, vehicles and machinery emit smoke and fine particles. These substances will increase the local air pollution significantly during the construction stage. Burning of fossil fuels will result air pollution due to emission of sulfur oxides (SOx), nitrogen oxide (NOx), carbon dioxide (CO2) and particulates.

For maintaining the quality of air in construction site, during construction, water -will be sprayed on the road surface at major settlements like Maheshwor shivalaya tole, Gachiye Mangal tole, Sundar tole, Basbari, Ghising gumba tole, Latijhoda tole and personal protective equipment (PPE) for the construction workers will be provided. The construction vehicles will be well maintained and will strictly comply with the GoN pollution regulation with compulsion in obtaining green sticker. Similarly, all construction plants should adhere to

emission regulation. The vehicles carrying construction materials should ensure that it is well sealed and covered so as to avoid littering. The anticipated cost and specific conditions related to air pollution containment are included in the construction contract

Air quality of the project area was tested by instrument. The real time based 24 hours average PM10, PM2.5 and CO were 68.4µg/m³, 26.2µg/m³ and 230µg/m³ respectively at the site. The observed values are within the prescribed limit of NAAQS 2012 for the respective air quality parameters. The air quality test report is presented in **Annex V**.

2.6 Water Quality

The construction debris, paints, oil and grease are likely to create water pollution both surface and subsurface. The dust and silt from the construction sites will also create water pollution of the receiving streams. If workers living in tents/camps do not have access to toilet facilities, open defecation may be practiced, which may contaminate water sources, causing health problems. The anticipated impacts on water pollution such as eutrophication, spreading of water born diseases, effect on downstream aquatic life will be direct in nature, low in magnitude, local in extent and of short-term in duration.

Spoil should be disposed off at designated spoil sites mentioned in CESMP and approved by PIU and DSC and efforts should be made to minimize such waste as far as possible through reuse, reduction, and recycling concepts. Similarly, the contamination of water by the use of cement and bitumen should be avoided and strongly monitored by contractors, PIU and DSC. The Contractor needs to arrange for sufficient water supplies and proper sanitation facilities for its labor force. Separate arrangements are necessary for work camp and labor camps. The anticipated cost and specific conditions related to water pollution containment are included in the construction contract

The water samples were collected from the project affected areas and tested in laboratory. There are no any natural water bodies existed along the proposed alignment. Thus, we have tested the water sample of existing community water supply. The water quality report was found complied with National Drinking Water Quality Standards /GoN. The detail of water quality test report is enclosed in **Annex V**.

2.7 Noise level

Noise impacts will be significant in the RoW and vicinity of the proposed subproject upgradation road during construction periods due to increase of vehicular movements and operation of machinery equipment. The major settlements like Maheshwor shivalaya tole, Gachiye Mangal tole, Sundar tole, Basbari, Ghising gumba tole, Latijhoda area may impacted by noise pollution. The heavy construction equipment movement in the site should be maintained in the day time only. Vibrations effects are closely observed and may need to do vibration activities by considering local requirement maintaining prescribed quality. For the safety of construction workers, PPE along with earplugs must be provided while on duty. The anticipated cost and specific conditions related to noise and vibration containment are included in the construction contract

The daytime and night time observed sound pressure level at the monitoring site were 53.8dB(A) and 47.2dB(A) respectively. The observed daytime and nighttime average sound pressure levels complied the prescribed limits of GoN- Noise level standard 2069 for category urban residential area. The details report of air, water and noise are summarized in **Annex V**.

2.8 Existing infrastructures/ utilities

The details of existing infrastructures situated within the construction width are presented in the tables below.

Table 2-2: Existing cross drainage structures

SN	Chain age	Coordinates		Existing Structure			Existing condition in detail	Remarks
		X	Y	Type	Size (m)	Functional		
1	0+010	531332.00	2948748.00	Pipe Culvert	0.9	Storm drainage	Damaged	
2	0+850	531457.00	2949553.00	Pipe Culvert	0.9	Irrigation	Fully serviceable	
3	1+130	531550.00	2949821.00	Pipe Culvert	0.6	Irrigation	Fully serviceable	
4	1+400	531674.00	2950061.00	Pipe Culvert	0.9	Storm drainage	Fully serviceable	
5	1+880	531867.00	2950480.00	Pipe Culvert	0.9	Irrigation	Generally good	
6	2+000	531929.00	2950579.00	Pipe Culvert	0.6	Irrigation	Generally good	
7	2+030	531966.00	2950567.00	Box culvert	1.2	Storm drainage	Fully serviceable	
8	2+040	531971.00	2950556.00	Pipe Culvert	0.6	Storm drainage	Fully serviceable	
9	2+445	531498.00	2950273.00	Box culvert	2.2	Irrigation	Generally good	
10	2+825	532307.00	2951242.00	Box culvert	2.9	Irrigation	Generally good	
11	3+000	532436.00	2951358.00	Box culvert	1.7	Irrigation	Generally good	
12	3+655	532732.00	2951902.00	Pipe Culvert	0.4	Irrigation	Fully serviceable	
13	3+760	532782.00	2951990.00	Pipe Culvert	0.6	Storm drainage	Generally good	
14	4+240	532708.00	2952392.00	Box culvert	3	Storm drainage	Generally good	
15	5+040	532284.03	2952516.05	Pipe Culvert	0.6	Storm drainage	Damaged	
16	5+070	532257.56	2952530.16	Slab culvert	3	Storm drainage	Damaged	

Table 2-3: Existing storm water drain network

Section		Length (m)	Side (From Central line)		Remarks
From	To		Left	Right	
0+040	0+160	120	Yes		
0+165	0+195	30	Yes		
0+185	0+330	145		Yes	
0+205	0+255	50	Yes		
0+260	0+640	380	Yes		

Section		Length (m)	Side (From Central line)		Remarks
From	To		Left	Right	
0+455	0+605	150		Yes	
0+650	0+680	30	Yes		
0+750	1+075	325		Yes	
0+870	0+880	10	Yes		
0+885	0+960	75	Yes		
0+975	1+060	85	Yes		
1+065	1+170	105	Yes		
1+075	1+410	335	Yes		
1+080	1+265	185		Yes	
1+500	1+845	345	Yes		
1+570	1+855	285		Yes	
1+850	1+885	35	Yes		
1+870	1+890	20		Yes	
1+890	2+215	325		Yes	
1+905	2+010	105	Yes		
2+055	2+125	70	Yes		
2+125	2+335	210	Yes		
2+310	2+445	135		Yes	
2+445	2+645	200	Yes		
2+840	2+945	105		Yes	
2+855	2+965	110	Yes		
3+010	3+550	540	Yes		
3+015	3+315	300		Yes	
3+470	3+830	360		Yes	
3+585	3+695	110	Yes		
4+225	4+510	285		Yes	
4+255	4+365	110	Yes		
4+370	4+490	120	Yes		
4+490	4+600	110	Yes		
4+530	4+600	70		Yes	

Existing Electric and Telecom Lines

In the Whole alignment, the road section has 85 electric poles with in construction width of proposed sub projects which needs to be relocated during construction. There are no separate telecom poles/lines in the area but telecom lines are associated with electric poles. Details of electric poles which need to be relocated during construction are presented in below **Table 2-4**.

Table 2-4: Existing electric pole

SN	Chainage	Side		SN	Chainage	Side		SN	Chainage	Side	
		Left	Right			Left	Right			Left	Right
1	0+140		1	27	1+550		1	53	3+270		1
2	0+180		1	28	1+600		1	54	3+320	1	
3	0+235	1		29	1+650		1	55	3+360		1
4	0+280		1	30	1+700	1		56	3+400		1
5	0+355		1	31	1+750	1		57	3+440		1
6	0+395		1	32	1+755	1		58	3+485		1
7	0+410		1	33	1+795	1		59	3+520		1
8	0+490		1	34	1+840		1	60	3+560		1
9	0+540		1	35	1+905	2		61	3+590	1	
10	0+580		2	36	2+075	1		62	3+715	1	
11	0+680		1	37	2+185		1	63	3+760	1	
12	0+725		1	38	2+230		1	64	3+845		1
13	0+775		1	39	2+275	1		65	3+920	1	
14	0+945	1		40	2+390		1	66	3+975	1	
15	1+085	1		41	2+510		1	67	4+020	1	
16	1+125	1		42	2+515		1	68	4+060	1	
17	1+160	1		43	2+595		2	69	4+115	1	
18	1+195	1		44	2+615	1	1	70	4+165		1
19	1+220	1		45	2+650		1	71	4+210		1
20	1+250	1		46	2+695	1	1	72	4+260		1
21	1+280		1	47	2+925	2		73	4+305		1
22	1+400		1	48	2+935	1		74	4+420		1
23	1+405		1	49	2+945	1		75	4+470		1
24	1+470		1	50	3+110		1	76	4+545	1	
25	1+500		2	51	3+145		1	77	4+580	1	
26	1+545		1	52	3+265		1	78	4+985	1	
Total										34	51
Grand Total										85	Nos.

2.9 Demography of the project area

The total population of the Morang district, according to the Census of Nepal, 2021 (2078BS) conducted by National Statistical Office (NSO) is 11, 48,156 and the number of households is 272,283. The average family size of the district is 4.22, which is lower than that of the national average (4.37).

The total population of Sundarharaicha Municipality is 120,213 and total household is 29,826. The average household size of the municipality is 4.03 which is lower than that of district household size (4.22). The male and female population of the municipality is 57018 and 63195 respectively and sex ratio is 90.23. The total population and household of project affected wards - ward 6 is 10919 (Male 5158 and female 5761) and 2723 respectively. The average household size of the project wards is 4.04. The sex ratio of the project wards 90.72. (Source: NSO, 2021).

The total households along the road alignment are 166 with total population 991 having 671 male population and 320 female population. (Source: Field study, August, 2023).

2.10 Settlements

In the settlements falling within the sub- project area, Sundarharaicha Municipality Ward no. 6 are Maheshwor shivalaya tole, Gachiye Mangal tole, Sundar tole, Shrijana and Shiva marga, Basbari, Namuna tole, Ghising gumba tole and Latijhoda tole. Most of the settlements are rural settlements and few sections have agriculture land.

2.11 Land availability

The RoW has been declared on 2015 AD. The ROW of the alignment is 30m. however, ownership of private land strips are yet to be transferred to Sundarharaicha municipality. Municipality will conduct the process of transfer of deeds of these land parcels. The proposed road width is within the existing road width and there are no any outstanding issues or grievances related to the land that is in public use at the moment. The existing width of the road is more than 10m (including earthen drain and earthen shoulder). The proposed formation width of the road is 10m. The proposed road is in public use and vehicles are plying throughout the road section. There are no any impacts on structures, private or public/ temporary or permanent structures due to upgradation works. Thus, the extra land won't be necessary for this sub-project for the upgradation works. The RoW related documents are attached in **Annex II**

2.12 Physical Structures

There are no any public as well as private structures present along the formation width of this sub-project. Therefor the alignment is clear for the construction work.

2.13 Caste/Ethnicity

The project area has people of Brahman, Chhetri, Newar, Gurung, Magar, Majhi, Rai and few Dalit/other communities. The caste/ethnicity wise details of households are presented in **Table 2-5**. There is presence of mixed groups of castes in the project area. The necessary consultations with these groups were conducted during field study. The separate consultations with different groups including IP groups and Dalits were also organized during filed study.

Table 2-5: Caste/Ethnicity of People along proposed road alignment

SN	Ethnicity	HH Number	%	Remarks
1	Brahamin	30	18.07%	Khas/Arya
2	Chhetri	10	6.02%	Khas/Arya
3	Newar	18	10.84%	IPs
4	Gurung	16	9.64%	IPs
5	Senchuri	1	0.60%	Dalits

SN	Ethnicity	HH Number	%	Remarks
6	Rai	26	15.66%	IPs
7	Limbu	3	1.81%	IPs
8	Biswokarma	7	4.22%	Dalits
9	Chaudhary	2	1.20%	Indigenous
10	Tamang	33	19.88%	Indigenous
11	Pariyar	4	2.41%	Dalits
12	Darji	8	4.82%	Dalits
13	Ghale	1	0.60%	IPs
14	Mushahar	7	4.22%	Dalits
Total		166		

2.14 GBV, SEA / SH

During consultations in field study and available data, there is presence of different types of GBV within the municipality and project area. In the focus Groups discussion and informal discussion with locals, people said that some domestic (mental and physical), economic violence, Dowry system, Drug abuse are presence within the project area. The record of **Municipal Office-Social section, Area police office, Belbari** and record of **local NGO Worek Nepal** (Working within Municipality) also shows the violence presence within the Municipality. Record of violence presence within the municipality are presented in the **Table 2-6**. Most of the local women were not aware about the provisions of complaint registering through toll free number 1145 dedicated by National Women Commission.

As a part of the project compliance, an Anti-Harassment Cell and GRC has been formed in Sundarharaicha Municipality. **Mrs Shanta Ghimire** is appointed for focal person of an Anti-Harassment Cell who also serves as GBV focal person of the municipality. The letter regarding deputation of the focal person has been attached in **Annex II**. The main purpose of establishment of Anti-Harassment Cell is to deal with cases of sexual harassment in a timely manner by providing empathetic support to the victim and ensuring prevention of harassment through proper redressal of the case. The cells process individual complaints and take appropriate action in accordance with the guidelines provided by the respective authorities.

Table 2-6: Summary of GBV case details of different sources

S N	Identified Cases	Police	Municipality	Worek Nepal	Police	Municipality	Worek Nepal	Police	Municipality	Worek Nepal	Total	Remarks
		F/Y			F/Y			F/Y				
		2077/078			2078/079			2079/080				
1	Polygamy	9	0	0	4	0	0	4	0	0	17	
2	Domestic violence (Mental and Physical Abuse)	4	11	23	5	17	6	7	28	0	101	
3	Rape/Sexual violence	16	0	5	15	0	3	11	0	2	52	
4	Human trafficking for prostitution	4	0	0	2	0	0	3	0	0	9	
5	Child Abuse	0	0	0	5	0	0	0	0	0	5	

According to the above presented data, there is presence of different types of GBV within the municipality and project area. Therefore, most prioritized issues on GBV are taken for planning of mitigation measures. Necessary mitigation programs are planned and implemented during construction of sub project. The most prioritized issues on violence are

- Domestic violence (Mental and Physical Abuse)
- Sexual violence/Rape

For mitigation of GBV during the construction phase, the following activities are proposed and implemented which needs to continue in the operation stage also. For conduction of these activities, the mitigation action plan is prepared, budget is estimated and included in DPR. The overall responsibility of conduction of these activities are contractors with close coordination with PIU/DSC.

- Awareness programs related to women/girls of project area and workers, for reduction of sexual violence/rape cases.
- Awareness program for local peoples regarding domestic violence (Mental and Physical Abuse) present in the project area.
- Establishment of Anti-Harassment Cell in Municipality and assign a Focal Person in the Municipality.
- Conduct an orientation program on code of conduct for contractors and subcontractors to manage GBV/SEA/SH risks during construction phase and implementation of Code of Conduct on SEA/SH and the provision of punishment for breaching of the code of the conduct.

3. DESCRIPTION OF THE PROJECT AND ITS ACTIVITIES

The upgrading of 5.075 Km length alignment starts at Maheshwor chowk (a portion of East west highway) and terminates at Latijhoda which is the boundary of ward 5 and 6. The road alignment passes through settlement of ward no 6. The project alignment passes through Commercial area and mostly through mixed land use and rural settlements. All the section of the proposed subproject is located in plain area and passes through settlements and agricultural lands. The road section requires pavement reconstruction to maintain acceptable levels of service. There are no alternative routes to the project road that serve the same function as that of the stated road.

The average existing road width is 10m (including earthen drain and earthen shoulder). The ROW of this road is 30m AS PER MTMP. This route has 1.56km of settlement and 3.15 km of agricultural land and 0.32Km of forest area. on either side of the road alignment. The average gradient of the road varies from 0.5 to 4 %. The proposed Carriageway width of 2 lanes (3.75 m each), raised footpath, kerbs, covered RCC drains along the alignment, road crossings and shifting of 85 electric poles and improvement of the road furniture.

3.1 Salient Features of the Project

Salient features of the proposed Maheshwor Subba road sections are shown below.

SN	Description	Description	
1	Name of the Road	Maheshwor Subba Road	
2	Road Type	Urban/ Local Road (NURS 2076)	
3	Proposed road length	5.075 Km	
4	Number of Lane	Two Lane	
5	Right of Way	30m	
6	Road Attributes	Existing	Proposed
	• Road Formation Width	10m (including earthen drain and earthen shoulder)	10m
	• Carriageway Width	4.5 m to 6m in average	7 m throughout
	• Camber of Carriage way	2.5%	
	• Pavement Surfacing	40 mm Asphalt concrete (Flexible pavement) 0.15 m Base 0.20 m Sub-base	
7	Terrain Type	Plain	
8	Climate	Tropical	
9	Geology	Alluvial River Deposit	
10	Wards & Major settlements	Sundarharaicha Municipality –6	
11	Design Parameters		
12	Design speed of Road	40 km/hr	

13	Design Life of Road	20 Years
14	Maximum Gradient	4%
15	Minimum Gradient	0.5%
16	Total cost of EMP	NPR. 1,350,000.00
17	Total Project cost	NPR. 699,674,995.37 (including VAT and contingency, including Sundarharaicha's both road cost)
18	Cost per km	NPR. 68447954.94 (including VAT and contingency)

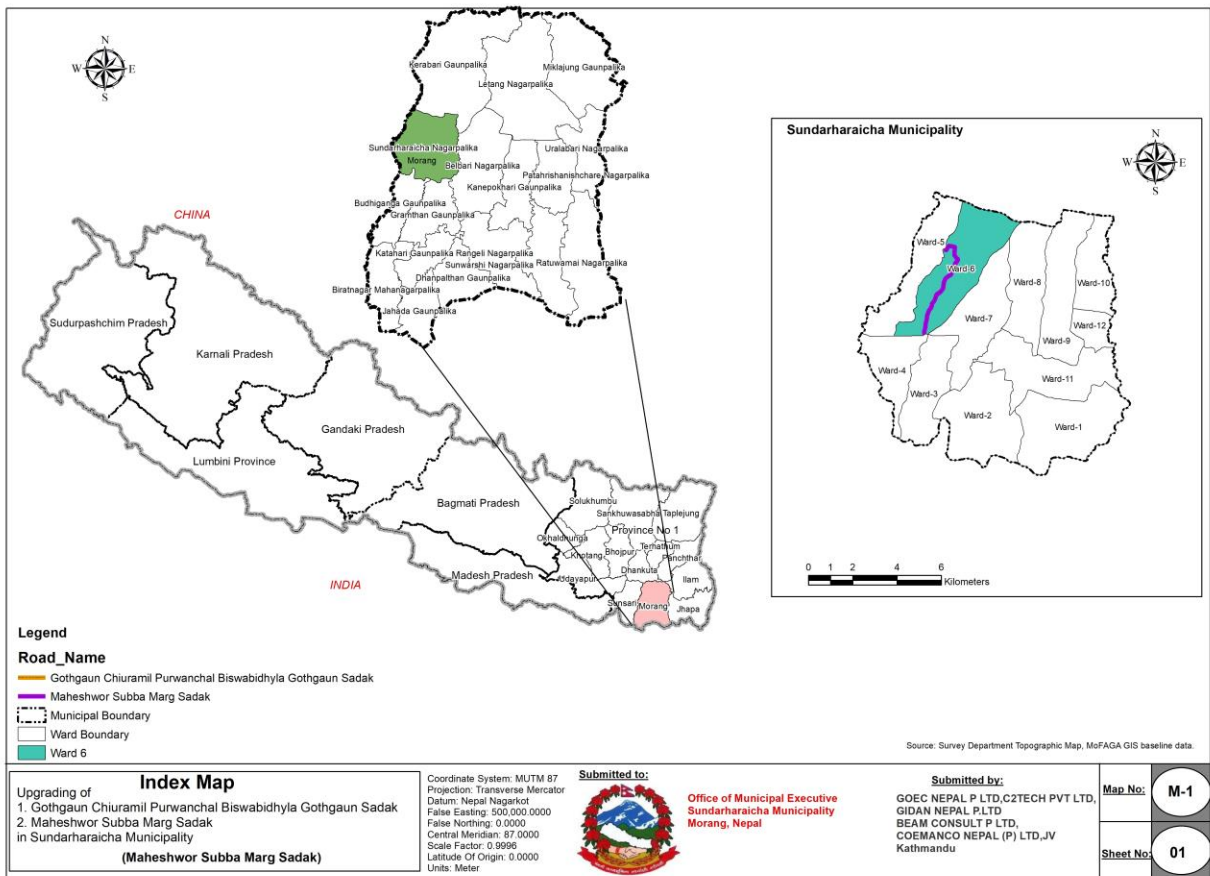


Figure 3-1: Index Map

3.2 Proposed Campsite and Stockpile Area

The field study showed that an open space near chainage 2+960 of proposed road, of land owner Sangit Rai having an area of a 1.25Bigha (8465.75Sqm) in Khorsangi tole (Easting 532380.00m E, Northing 2951345.00m N) at Ward no 6 can be used for Contractor’s campsite and stockpiling area of the construction materials. The land is private land and the contractor will lease the land. Necessary consultation with land owner was conducted with presence of ward chair and focal engineer of municipality. Also, consultation with locals were done during field study and minutes are attached in **Annex II**. The existing land is barren land having some vegetation. Required facilities like separate male and female camps and toilets will be constructed during construction phase.

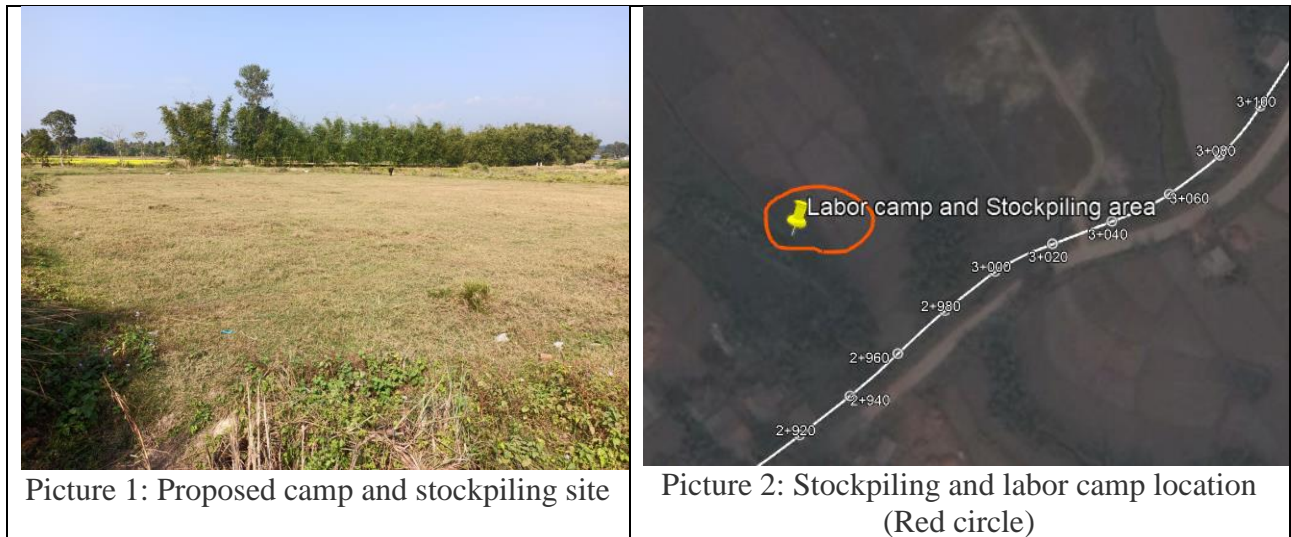


Figure 3-2: proposed stockpiling and campsite area

3.3 Solid Waste Management

Solid wastes are generated during conduction of different activities during road construction. Solid wastes are generally generating from site clearances, excavations and finalization of construction works. During construction, solid waste will also be produced at the labor camp. Solid waste from road construction can have negative impacts on the environment and human health, such as land degradation, resource depletion, greenhouse gas emissions, water pollution and noise pollution. Therefore, it is important to manage the waste in a sustainable way, by reducing, reusing, recycling and recovering the materials as much as possible. During the field study, the solid waste management site also identified within proposed camp/stockpiling site which is a large area having an area of 1.25Bigha (8465.75Sqm). The corner of this site is used for the solid waste management site (Easting 532398.85m E, Northing 2951355.52m N). Soak pits or septic tanks will be established for the sanitation units/latrines in this location. The land will be cleared and restored to the satisfaction of the landholder after construction. Consultation minutes with locals and land owner is attached in **Annex II**.

3.4 Spoil Management

As per the DPR of the road, the earth cutting is more than earth filling work. After the backfilling, 802.72m³ construction spoil will need to be managed in appropriate site. An open space located around 140m from chainage 2+960 (Easting 532512.00 m E, Northing 2951201.00 m N, ward 6), with area of around 0.5Bigha

(3386.315Sqm) has been proposed as spoil disposal site which is the private land and land owner name is Sangit Rai. Necessary consultation with land owner was done with presence of locals and ward chair. The meeting minutes is attached in **Annex II**. Construction debris will be disposed at designated spoil site only. **The Construction debris will be disposed at designated spoil site only.** and efforts will be made to minimize such waste through reuse, reduction, and recycling concepts. While hauling and storing spoil temporarily, spoil will be covered with plastic/tarpaulin cover. Construction trash should only be disposed of at approved spoil sites that are far from water sources. The construction contract contains the exact terms for managing construction detritus and storing resources. The land will be cleared and restored to the satisfaction of the landholder.

Table 3-1: Earthwork status of the sub project

SN	Particulars	Cutting (m3)	Filling (m3)
1	Earthwork	11258.59	10455.87

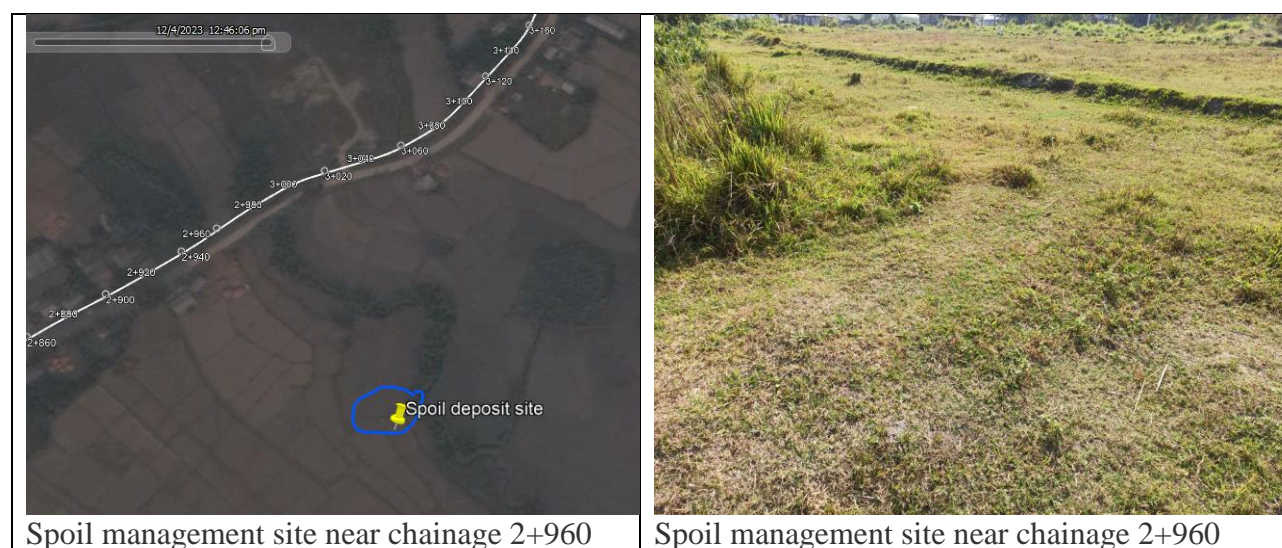


Figure 3-3: Proposed Spoil management site

3.5 Quarry Sites

In order to upgrade the road, operations like gravelling, construction of retaining walls, cross drainage, side drains, road furniture and other structures will require the use of stones, sand, aggregates. These construction materials will be brought from the established quarry sites of municipality and crusher industry nearby the municipality. These construction materials will be brought from the approved quarry sites at the Budhi khola, Ghachhiya khola and Lohandra khola with in municipality. IEE of these quarry sites prepared by municipality and approved (2079 Shrawn) by concerned body. The quarry site is shown in below **Map (Figure 3-4)**. The municipality executive commit decision about IEE approval is attached in **Annex II**.

Table 3-2: Quantity of Sand, Aggregate and Stone required for the sub project construction

SN	Particulars	Quantity (m3)	Remarks
1	Sand	264.88	
2	Stone	1844.871	
3	Aggregate	529.746	

The Contractor may also obtain required construction materials from the legally operating crusher industries other than proposed quarry sites. So, the direct impact of quarries such as damage to cultivated land, high level of air pollution, noise pollution, cracking of houses nearby structures by heavy equipment movement, affect to the downstream aquatic life etc are not expected in this subproject. However, the quarry sites and amount of quarrying material will be included in Construction Environment and Social Management Plan (CESMP) within 45 days of commencement of works. PIU will check the site requirements and quality of quarrying material and approve it. DSC will also monitor whether the quarry sites has been legally operating or not.

Table 3-3: IEE Approved Quarry site description

SN	Quarry Name	Ward No	Northing	Easting	Available quantity (m3)	Type of material	Remarks
1	Budhi khola						
a	Chariguwa Naka	4	26.64102000°N	87.292833°E	3750	Stone, Sand and Aggregate	Approved IEE of these sites is not mentioned separate volume of the stone, aggregate and sand to be available.
b	Driving center naka	5	26.66776333°N	87.28958833 °E	4800		
c	Gaushala Naka	5	26.671498500°N	87.29510167°E	4500		
d	Khoksi Naka	5	26.67525000°N	87.30078333°E	8750		
2	Ghachhiya khola						
a	Shiddakali Naka	6	26.66169667°N	87.32026167°E	10000		
b	Sukuna Naka	6	26.6951000°N	87.314540667°E	45000		
c	Thapagaun Naka	6	26.67026683°N	87.329016833°E	18000		
d	Julewi Naka	6	26.68295333°N	87.34068500°E	22000		
e	University Naka	7	26.67432167°N	87.332999333°E	8000		
f	Gachhiya Naka	7	26.66164833°N	87.3222000°E	17500		
3	Lohandra khola						
a	Kumargaun Naka	1	26.66776333°N	87.28958833°E	8750		
b	Pipal Chowk Naka	1	26.671498500°N	87.29510167°E	6750		
c	Lohanda kisti Dovan Naka	11	26.63588167°N	87.40260167°E	9000		

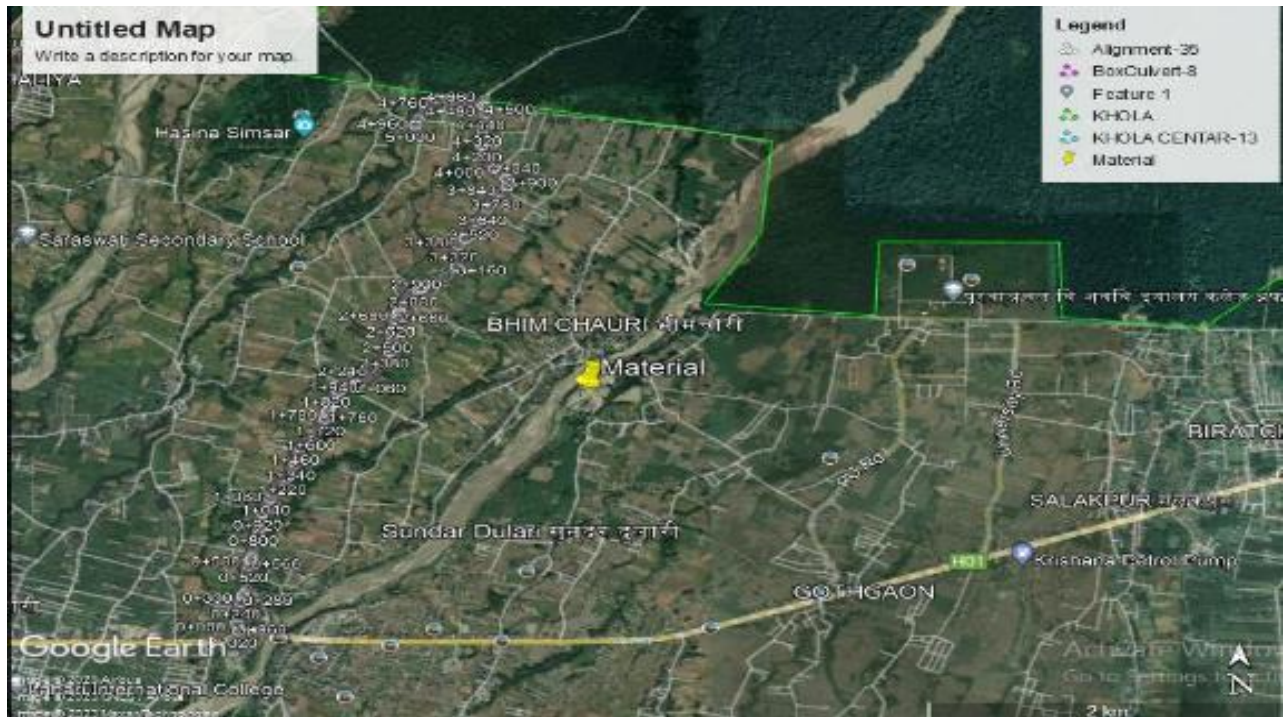


Figure 3-4: Satellite Map of Quarries Location of Sundarharaicha municipality

3.6 Borrow Pits

As per DPR, the earthwork cutting quantity (11258.59m³) is more than the earth filling quantity (10455.87m³), thus there is no need of borrow pits in this sub project however the borrow pits area was identified during field study and presented here. The identifies land for borrow pits having land area 0.5Bigha (3386.315sqm) which is 120m (Easting 532507.00 m E Northing 2951214.00 m N) far from chainage 2+960 of proposed road. The land is Private ownership, the land is grass land/Barren land. Necessary consultation with land owner and locals were conducted with presence of ward chair and attached in **Annex II**.

Table 3-4: Quantity of Base and Sub base

SN	Items	Quantity (m ³)	Remarks
1	Base	5675.419	
2	Sub base	7566.92	

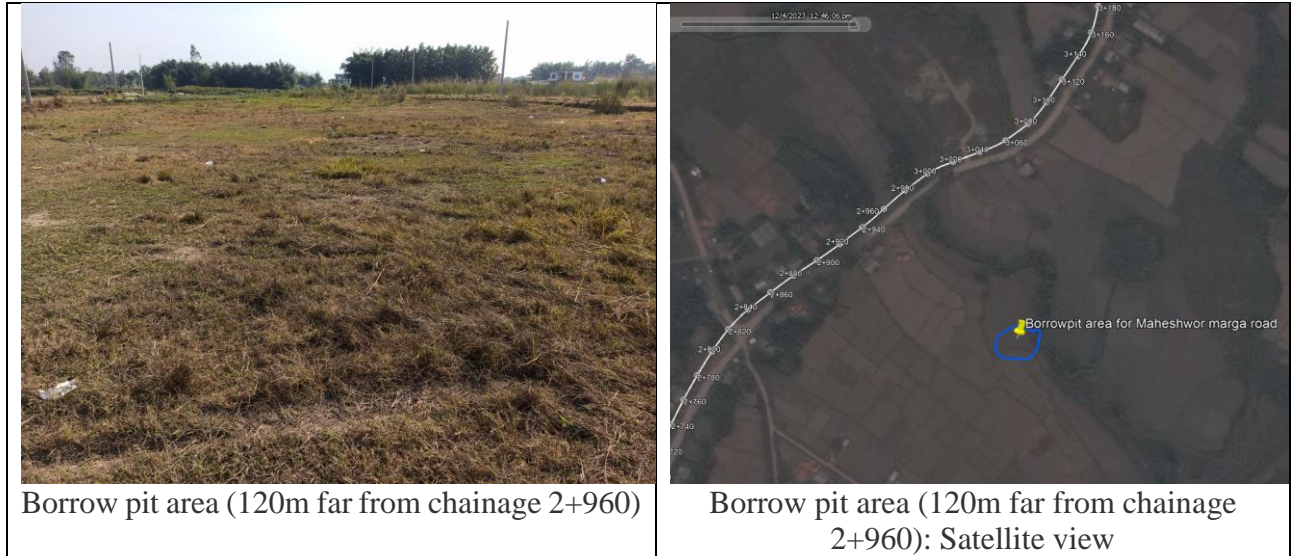


Figure 3-5: Proposed borrow pits site

3.7 Other facilities

During the field study, the facilities like Workshop area, concrete batch plant establishment area were identified. As proposed labor camp and stockpiling area is big (1.25Bigha (8465.75Sqm). Thus proposed facilities like workshop area, concrete batch plant will be established within proposed camp/stockpiling area. The available land's (1.25bigha) 25% area is used for the establishment of these facilities. After completion of construction work, the land is will be cleared and restored to the satisfaction of the landholder. The location of the area is shown in figure 3-2 above.

4. ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN (ESMP)

4.1 Social and Environmental Screening:

The Environment and Social Management Plan (ESMP) including monitoring plan provides a road map on how to address the anticipated negative environmental and social impacts associated with the implementation of the proposed development project throughout its project life cycle. The outline of the plan considers the anticipated impacts, the mitigation measures, the parties responsible for the action, time frame for the implementation and cost to address them. The monitoring process aims at generating useful information that would be useful in facilitation of the implementation of the mitigation measures.

The implementation of the ESMP solely shall be the responsibility of the contractor while the proponent will play a supervisory role of ensuring that the proposed measures are implemented as outlined on the plan. The frequency of implementation of the proposed measures and monitoring will be dependent on the nature of the anticipated impact as well as the proposed measures. The cost of implementation of the ESMP especially during the construction phase will be factored in the bills of quantities (BOQ) for the proposed project while the cost of maintaining the project after completion will be met by the PIU

The proposed sub-project is an upgradation of an existing road. By using approved format, A social and environmental screening of the sub-project has been done to assess any potential risk associated with the road upgradation work. The checklists of screening of social and environmental safeguards are provided in **Annex I**. The screening shows that the project area doesn't have major social or environmental risks. The land required for road construction is already available and is in public use. Documents regarding declaration of the RoW by the Sundarharaicha Municipality is provided in **Annex II** of this document. As per people consultation during the field study, there are no any disputes regarding land ownership, existing road width and grievances. As per section B & C of Appendix C of Environmental and Social Management Framework (ESMF, August 2020) of NUGIP, it can be concluded that the proposed road upgradation project falls under 'Low to Medium impact project' under Category B. Hence an abbreviated ESMP is sufficient for the proposed project. This ESMP document has been prepared as per Appendix C of the ESMF.

4.2 Scope of Environmental and Social Management Plan:

The scope covers potential impacts, related mitigations and monitoring aspects related to activities under the proposed road upgradation works in Sundarharaicha Municipality. These are summarized in **Table 4-2** below.

4.3 Implementation of Environmental and Social Management Plan

The sub-project ESMP implementation arrangements can be summarized as follows;

Table 4-1: Roles and responsibility for ESMP implementation

SN	Stakeholder	Role & Responsibilities for ESMP implementation
1	Sundarharaicha Municipality/PIU	<ul style="list-style-type: none"> ✓ The overall project environmental management is the responsibility of PIU ✓ The regular monitoring will be carried out by the PIU
2	Contractor	<ul style="list-style-type: none"> ✓ The contractor is required to submit C-ESMP within 45 days of contract signing. ✓ Implement the mitigation measures and provisions as per ESMP and DPR of the Project
3	DSC	<ul style="list-style-type: none"> ✓ Preparation of ESIA/ESMP during DPR phase ✓ Supervision support to the Contractor to implement the ESMP

SN	Stakeholder	Role & Responsibilities for ESMP implementation
		<ul style="list-style-type: none"> ✓ Monitoring of implementation of ESMP and its compliance ✓ The E&S safeguards specialists of DSC will work closely with its technical staff to ensure project implementation in accordance to World Bank's safeguard standards.
4	PCO & PMST	<ul style="list-style-type: none"> ✓ The PCO will have overall responsibility to ensure compliance with pertaining laws, policies, regulation for all sub projects ✓ The PCO with support from PMST will review implementation support of environmental and social safeguard studies/ management plan prepared by PIU/DSC.

4.4 Objectives of ESMP:

The overall objective is to ensure that the environment and its surrounding areas are protected and developed to meet the needs of the local stakeholders and safeguard the requirements of the local people. The basic objectives of the ESMP are to:

- To ensure that all mitigation measures and monitoring requirements will actually be carried out at different stages of project implementation and operation - pre-construction, construction, and operation and maintenance;
- Establish the roles and responsibilities of all parties involved in the project's environmental and social management; and
- Ensure the budget required for implementation of recommended actions aimed at environmental and social management and its enhancement.

4.5 ESMP Matrix:

Following project interventions and related mitigation measures have been planned in relation to the existing status and potentials improvements for the proposed road alignments;

Table 4-2: Environmental and Social Management Plan (ESMP) Matrix

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
Physical-Construction				
1	Obstruction due to electric poles (85 nos.) within the ROW	<ul style="list-style-type: none"> Coordinate and obtain permission for dismantling and relocation of electric poles from NEA before execution of construction works. Relocate the electric poles along the alignment in coordination with the Nepal Electricity Authority and Nepal Telecom. The process needs to be completed prior the beginning of the road construction Total 85 of electric poles will be installed on both sides of the road at the space of 30m of interval. 	Municipality, PIU/DSC and Contractor in coordination with NEA/Nepal telecom.	Included in DPR. (BOQ Item No 1.7, Provisional Sum)
2	Disturbance in Water Supply Pipes of Sundarpur water supply and sanitation committee	<ul style="list-style-type: none"> Throughout disturbance of the water supply pipeline is not expected however minor maintenance such as leakage, junction jointing may be needed during construction. Coordinate and obtain permission for maintenance of Water Supply Pipe from Sundarpur water and sanitation User Committee, ward-6. Water pipes from 250mm (1.2km), 200mm (0.25m), 180mm(2Km), 160mm(1KM) and 110mm (0.6Km) diameter was laid in both side of the road, Precaution measures will be taken during the construction. Alternative means of supply during the disruption and reconstruct the system will be managed. 	Contractor (budget) in coordination with Municipality/PIU/DSC and User Committee	Included in DPR (BOQ Item No 1.7, Provisional Sum)
3	Land use change	The land use change is irreversible in this sub-project, however, following measures will be undertaken to manage top soil	Contractor	

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		<ul style="list-style-type: none"> • Save all available top soil from ROW sites and re-use it on completed road formation batters approved by PIU/DSC. • Spread a cover crop on each top soiled batter soon after topsoiling. • Top soil will be used in greenery management, plantation and will be given to farmers upon request 		
4	Quarry Operation	<ul style="list-style-type: none"> • Avoid and or minimize adverse environmental impacts arising out of quarry construction material exploitation in line with MOFE guidelines/ conditions / recommendations. • Compile Materials Management Plan one month before commencement of construction and update monthly and include in progress report. • Include conditions for selecting borrow sites, timing and use of roads, maintenance of vehicles, selection of sites for material storage, rock blasting and aggregate production, handling hazardous or dangerous materials such as oil, explosives and toxic chemicals. • The construction materials will be brought from the established quarry sites (IEE completed and approved by concerned authorities) located within or outside the municipality. So, the direct impact of quarries is not expected in this Subproject. • The municipality in support of DSC will monitor the quality of quarrying material and state of quarry sites. • The supplies will only come from authorized merchants that have received environmental approval. • All the excavated quarry sites will be rehabilitated implementing the measures mentioned in the approved IEE reports. 	Municipality/DSC, Municipality instructs the quarry operators to reinstate the established quarry sites as per agreed norms during environment clearance (follow IEE obligations)	PIU/DSC monitoring cost.
5	Issues of stockpiling	<ul style="list-style-type: none"> • Locate, peg and seek approval from the supervising consultant for the use of stockpile sites. The proposed location id Khorsangi tole (Easting 532380.00m E, 	Contractor	This will be the part of Contractor's Responsibility under Contractor Cost. This

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		<p>Northing 2951345.00m N) at Ward no 6 which is also presented in chapter 3-2.</p> <ul style="list-style-type: none"> • Stockpile should not be located on watercourses; should not be within 50m of schools, hospitals, or public standpipes; and should not affect locals and their properties. • Obtain written permission from landowners and local bodies for stockpiling on their land. • Only barren land will be used for stockpiling and proper insulator cover and proper drain will be managed to store the chemical to avoid the leakage of chemicals. • Stock of sand will be set wet to prevent it from blowing with the wind; water sprinkler will be used for this purpose. • The places used for the stockpiling of construction materials will be cleaned promptly after the completion of the project. • The area could be leased or rented based on price not lower than the prevailing market price. 		will be included in CESMP
6	Labour Camp and Location Management	<ul style="list-style-type: none"> • Locate with appropriate markings and get approval from PIU/ DSC for labor camp sites. • The site will be well fenced, and provided with a 24-hour guard having access to entry for authorized personnel only. Also will maintain record of labor in proper way • Settlements, water intakes should not near to the camp sites. Also, camps are not close contact with local peoples. • Separate toilets for male and female including sanitary facilities for workers to avoid open defecation by construction of temporary toilet. • Separate for male and female, and easily accessible sanitary facilities for working manpower on site. • Camp shall not be in the vicinity of landslide and flood plains. • Provide and maintain proper drinking water, sewerage and waste disposal facilities at the camps. 	Contractor	It is the responsibility of Contractor.

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		<ul style="list-style-type: none"> • Ensure no wood is burnt by any worker on or off site. Camps shall be provided free of cost, with electricity and regulator & adequate fuel supplies of LPG or Kerosene. • After use, sites shall be cleared and restored to near natural or stable conditions with vegetative cover. 		
7	Borrow Pits	<ul style="list-style-type: none"> • The identifies land for borrow pits having land area 0.5Bigha (3386.315sqm) which is 120m (Easting 532507.00 m E Northing 2951214.00 m N) far from chainage 2+960 of Right side of proposed road • Avoid and or minimize adverse environmental impacts (a minimize contamination of the surroundings) rising out of borrow pits. • A list of routes of transport of construction material is to be prepared for the contract and agreed one month prior to construction. • Provide earth material Quantity required of the filling works, sub-grade, and grade, base and sub-base. Which is listed in earlier sections. • Limit sediment movement and retain vegetation for stability. • Stock piling of top soil, • Construct ditches to direct runoff away from the site. • Reclamation of borrow pits, landscaping and tree plantation along the excavated borrow pits. 	Contactor	Included in contractor cost, it is a responsibility of contractor.
8	Spoil Disposal	<ul style="list-style-type: none"> • An open space located around 140m from chainage 2+960 (Easting 532512.00 m E, Northing 2951201.00 m N, ward 6), with area of around 0.5 Bigha (3386.315Sqm) has been proposed as spoil disposal site. • Disposal of spoil into water bodies will be strictly prohibited. • Generated spoil (scarified existing black top) will be disposed only at designated spoil disposal sites. • Investigating whether the spoil can be reused in the project or by other interested parties in the vicinity. 	Contactor	Included in contractor cost, it is a responsibility of contractor.

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		<p>(Landfilling, road reconstruction, earth berms, amenity planting at intersections – other future road structures)</p> <ul style="list-style-type: none"> All the identified spoil disposal sites will be rehabilitated after disposal adopting natural drainage, and covering vegetation. 		
9	Air/Dust Management	<ul style="list-style-type: none"> Water will be spared regularly for maintaining alignment wet (at least 3 times a day). Delivery vehicles will be covered and mixing equipment will be well sealed and equipped as per existing standards. Repair and maintenance of equipment and vehicles regularly to control air pollution. All construction vehicles will comply with Motor Vehicles and Transportation Management Act 2054 as latest amended 2074-11-14– mandatory Green Sticker for vehicles. Provide temporary hoardings and signs where required to minimize dust impact on locations of temples/Gumba (Ch 0+760, Ch 1+650 and 3+980) and near Division Forest office (Chainage 5+030). Use of speed control devices/signals in Maheshwor shivalaya tole, Basbari, Ghising gumba tole, Latijhoda settlements and working areas to limit traffic speed. Air pollutant parameters (TSPM, PM10, Sox, NOx, Cox) will be monitored regularly during construction. Conforming NAAQS of Nepal. Air quality monitoring (at least 2 times during construction) 	Contractor, Monitoring by DSC	<p>Included under Contractor's Cost</p> <p>The cost for the water sprinkling will be borne by the contract package.</p> <p>NPR 300,000</p>
10	Noise, vibration	<ul style="list-style-type: none"> The noise level of Vehicles and equipment used will be keep at minimum levels and purchase/use equipment/machinery with lower sound power levels. Workers will be provided with appropriate ear muffs/plugs specially at crusher site Sensitive locations i.e., schools, hospitals, government offices etc (Forest office located near Latijoda tole, 	Contractor/DSC	<p>Cost of Noise level monitoring comes within the Air Quality monitoring cost above.</p> <p>Costs as a result of damage from</p>

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		<p>chainage 5+030) will be avoided while placing the noise generating equipment.</p> <ul style="list-style-type: none"> • Establish photographic and video graphic evidences of structures and properties in and alongside ROW for any crack related matters arises and promptly investigate any claims of damage from construction activities, provide compensation at repair or replacement value • Awareness raising, information and dissemination about GRM for any kind of loss due to the vibration/Noise. • Construction works will be carried out during day time only. • Restrict activities with significant noise impacts to outside school (no horn sign) • Activities involving heavy machinery with significant noise impacts will be restricted to outside school hours. • Noise levels (1 hr Leq dB(A)) levels will be monitored regularly conforming WHO standards. 		vibrations will be borne by contactor.
11	Water Pollution	<ul style="list-style-type: none"> • Hazardous materials shall not be stored near surface waters sources • Plastic sheeting shall be placed under hazardous material storage area to collect and retain leaks and spills. • Contaminated runoff from storage areas shall be captured in ditches or ponds with an oil trap at the outlet. • Contaminated and worn plastic sheeting shall be packed into drums and disposed off site. • The water samples were collected from the project affected areas and tested in laboratory and found within limits. • Water Quality (EC, PH, DO, TSS, Oil and Grease). Conforming WHO standards. 	Contractor	Cost of water pollution monitoring comes within the Air Quality monitoring cost included in above SN 9 of this table.
12	Solid Waste	<ul style="list-style-type: none"> ▪ Waste minimization and waste segregation will be prioritized; 3R approach will be promoted. ▪ Composting of organic waste generated from the camps will be disposed within the proposed camps. The tentative estimated solid waste generated by the camps is 	Contractor	NRs 150,000

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		<p>60kg (for 40people) per day (as assume that a person generates 1.5kg waste a day).</p> <ul style="list-style-type: none"> ▪ Containment of hazardous waste will be carried out. ▪ Awareness raising event will be carried out. ▪ Decommissioning waste will be re-used, sold to local scrap dealers. ▪ Coordination with local municipality team for final disposal into the municipality’s waste collection & disposal system. ▪ It has been planned those basic facilities like composting, waste segregation, etc. will be started from first month/quarter of contractor’s mobilization; other practices under 3R approach (e.g. waste minimization) will be carried out through out; and awareness events will be carried out every quarter (detailed plan will be provided in C-ESMP). 		
13	Construction Safety	<ul style="list-style-type: none"> • First aid kit for one set in a camp will be provided • PPE (helmets, masks, boots, gloves, ear plugs and goggles) should be provided for workers safety • Covered side drain with footpath must be provided. • Storm water collected should be disposed through the nearest culvert sections. • Temporary diversions will be provided in Latijoda and Maheshwor tole area where population are dense., with proper drainage facilities including sign and signals. • The contractor will assign a safety officer and the PIU’s safeguard specialist will monitor the implementation of the OHS measures. • Adequate lighting and safety signal devices be installed for work safety. • Adequate warning signs, safety barriers, traffic calming measures and persons with flags to control traffic will be provided for work safety. • Maintain health care system at construction camps including once a week visits by trained medical staff for 	Contractor, Regular monitoring and supervision by PIU/DSC	Included in BOQ (BOQ Item no 1.4, 1.6 and 1.7)

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		<p>routine checkup of workers and avoidance of communicable disease.</p> <ul style="list-style-type: none"> Electrical Equipment will be checked and certified regularly. Provide and install all road signs as per design during the construction of road in Maheshwor tole area (Chainage 0+210) Hazards will be properly identified and will follow work safety arrangements. Safety signs and information will be provided and the work space will be barricaded to prevent unauthorized entry. Workers and people at the construction site will be provided with safety training, and to help ensure that workers are trained on what to do in the event that an accident occurs on site. 		
14	Traffic Management	<ul style="list-style-type: none"> Emergency traffic management plan should be included in CESMP by the contractor and approved by the PIU/DSC in coordination with traffic post/office. This is required to cope up with the restriction on the vehicular movement due to closure of road for reasons including construction. The plan may include informing about the scheduled road closure and the alternative routes identified to divert the normal traffic flow, transport material during off-peak time. Provide advance notice to stop vehicles by erecting indicator signs at a necessary distance in order to reduce congestion at the site of work, thus enabling making of proper security arrangements, or lane wise traffic management. 	Contractor with coordination of PIU/DSC	Included in BOQ (BOQ Item No 1.4)
• 15	Road Safety and community safety	<ul style="list-style-type: none"> Provide ramps in strategic section of roads as detailed in section Installation of Road markings at all major as well as minor intersections. Road Signs and Road Markings has been provided as per Traffic Sign and Marking manual as per DPR 	Contractor	Included in BOQ (BOQ item no 7)

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		<ul style="list-style-type: none"> • Hand railings: Hand railing to be provided at box culverts and other required section • Guard Rails and Safety Barriers: Guard Rails and safety barriers must be provided in places where serious damage to vehicle and people may occur when an out-of-control vehicle may leave the roadway or hit other objects. • Installation of Street lights as per need. • The signage/hoarding board needed area are Maheshwor shivalaya tole, Basbari, Ghising gumba tole, Latijhoda tole as well as Division Forest office area (Chainage5+030). In addition, junction/turning point at chainage 0+180, 0+420, 2+000, 2+830, 3+880, 4+450, 5+010. • Awareness activities (at least two event, minimum participants 30nos.) will be conducted to inform & aware locals regarding potentials risks and proposed safety measures related to the project activities 		NRs 50,000
16	SEA/SH related risks	<ul style="list-style-type: none"> • Separately Camps for man & women and maintain minimum distance from one camp to other camp. • Establish locker rooms/secured rooms/or latrines for workers, well-lit and include ability to lock from inside • Display signs around workplace on prohibition of SEA/SH • Further details in below (Social, economic and cultural-Construction Stage, SN: 9) 	Contractor and monitored by PIU/DSC	It is a responsibility of contractor for camp site management however awareness related activities cost is proposed in below headings (Social, economic and cultural-Construction Stage, SN: 9).
17	Others (Crusher, asphalt plant, if proposed in the project)	<ul style="list-style-type: none"> • The Contractor will develop and maintain emergency response system in order to address any accidents or other emergency situation or disaster at site such as fall of workers from height, collapse of pier, flood, earthquake, accident, etc. • The Contractor will dispose all the chemical wastes/watwater generated during the time of 	Contractor and monitored by PIU/DSC	It is a responsibility of contractor

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		construction safely without interrupting the existing nearby settlements, water bodies, forests and wildlife.		
18	Demobilization of contractor	<ul style="list-style-type: none"> • construction sites are cleaned from residual waste and fully reinstated; • Enabling environment is provided for natural regeneration of work base and construction sites to natural condition. 	Contractor and monitored by PIU/DSC	Contractor cost.
Physical-Operation				
1	Road Stability and Drainage Management	<ul style="list-style-type: none"> • Construction of protection wall and drainage system to mitigate possible inundation in the settlements along the project alignment and ensure proper compaction as per design 	Contractor/Municipality	Municipality Regular program during Operation
2	Air pollution and Noise pollution	<ul style="list-style-type: none"> • There should be a consensus between municipality, Transportation Entrepreneur, and the local people regarding the operation of conditioned vehicles • Campaigns like ‘No Horn’ and use of soft-horns can be initiated by the local authority. 	Municipality, transportation entrepreneur, local people	Municipality Regular program during Operation
3	Water pollution	<ul style="list-style-type: none"> • The operation of proposed work doesn’t pose serious threat on water bodies; however, washing vehicles on fresh water streams will be avoided. 	Drivers, Ward, local people	Municipality will monitor
Biological-Construction				
1	Site clearing and removal of road side vegetation (Shrubs and Bushes)	<ul style="list-style-type: none"> • Appropriate species will be selected for plantation which is included in bio-engineering cost. • There is no any vegetation (tree) loss by this sub project. • Preparation and planting of live pegs selected species (e.g. assur, namdi phul, simali) of minimum length to 0.5 m depth into soft debris. Pegs spaced at 5- centers within rows, and interwoven with vegetation 	Contractor and monitored by PIU/DSC	Contractor cost, Contractor cost. (BOQ item no-6, Bio engineering, NRs 352,768.70)
Social, economic and cultural- Construction Stage				
1	Pedestrian Safety: General people, children and elderly people.	<ul style="list-style-type: none"> • Diversions should be safe for children, the elderly, and other pedestrians. • School areas (not present within this alignment) should be emphasized and adjacent transitions should be ensured. Appropriate signs and signage are used during project 	Contractor	Included in BOQ (BOQ item no-7)

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		<p>execution and construction to raise awareness of potential safety hazards of construction if it lies within alignment.</p> <ul style="list-style-type: none"> • 36 nos. of Zebra crossing are provided throughout the alignment in certain interval and major crossings like chainage 0+240, 0+860, 0+940. 		
2	Health and Sanitation	<ul style="list-style-type: none"> • Proper awareness of the use of toilets, construction of separate toilets for workers, and provision of chlorine solutions to purify drinking water for workers 	Contractor	NRs 50,000
3	Employees safe specially for Child labor and forced labor	<ul style="list-style-type: none"> • Child labour & forced labour will be strictly prohibited • No children (under 16) or forced laborers are employed in this project. • Age verification document of workers will be documented and contractor will maintain the record of labour employed. 	Contractor, Monitoring by DSC every month	Contractor responsibility
4	Occupational Health and Safety	<ul style="list-style-type: none"> • Orientation on use of PPE and Covid -19 will be provided to workers and in regular basis, Induction and refresher training to the workers will be provided. • Safe Drinking water will be provided to the camp for worker use. • Provision of insurance to cover physical damage to workers. • Drivers with authorized license holders will only be allowed for the operation of construction vehicles, machines and equipment. • Workers and staff at the construction site will be provided with proper training to ensure that workers are trained on what to do in the event that an accident occurs on site. • The contractor's supervisors will be instructed to conduct 'pre-work instructions' to the workers everyday - explaining them about the nature of works, condition of the site, and associated risks as well as safety measures. • Agreement with nearby health institution will be in place by the contractor. 	Contractor	Included in BOQ (BOQ item no 1.6, Lumpsum item)

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		<ul style="list-style-type: none"> Contractor will be responsible to maintain the records of each and every accident and incidence and will make available to DSC/PCO/PMST as and when required. Contractor's team, staff and laborers can also make use of the GRM to raise complaints / grievances if any 		
5	Traffic and Transport Management	<ul style="list-style-type: none"> Traffic Safety such as street lights, traffic control devices and other features shall be covered through "Traffic Signs Manuals Vol-I and Vol II" and "Road safety manual" published by the DOR. Provision of alternative routes to ease the congestion and built up of traffic Increase public awareness of safety, health and environmental issues by providing information directly and indirectly through campaign and display appropriate signage for use during construction and awareness creation on the potential hazards of the project. 	Contractor will submit the Traffic and Transportation Plan and approved by the PIU for effective monitoring	This will be the part of contractor cost. (BOQ Item no 7)
6	Limited Access for elderly and Differently-able People	<ul style="list-style-type: none"> Maintain signboards, lights, instructions in strategic locations. Detours and appropriate pedestrian crossings will be available during construction to ensure that the elderly and disabled will not be restricted in their movement during construction. Older people should have opportunities to socialize and meet people and families to support their mental needs and health. 	Municipality/ DSC Contractor	will be the part of Contractor's Responsibility under Contractor Cost.
• 7	Sexual violence including Girls/Women Trafficking	<ul style="list-style-type: none"> A program of awareness will be created and implemented. 	DSC in close coordination with Women Development Office, municipality, NGO/Clubs	NRs 100,000
8	Grievance Redressal	<ul style="list-style-type: none"> Community awareness of GRM and its importance. Use a grievance resolution process that includes a team or party for negotiation and/or mediation. Clear and timely dissemination of project information, and safeguards aspects including anti-harassment cell; Coordination with the local stakeholders 	Municipality/DSC	NRs 350,000

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		<ul style="list-style-type: none"> Awareness raising, information and dissemination about GRM and GBV (meetings, monitoring and logistic costs@ 1 meeting every month) Production of leaflets, and information dissemination through local media and ESMP document in ward offices 		
9	SEA/SH risks	<ul style="list-style-type: none"> Separately Camps for man & women and maintain minimum distance from one camp to other camp. Establish locker rooms/secured rooms/or latrines for workers, well-lit and include ability to lock from inside Display signs around workplace on prohibition of SEA/SH SEA/SH awareness raising activities, trainings and stakeholder engagements such as: community based-awareness program, School based awareness program, Awareness program for women and against the gender-based violence (Domestic violence, Sexual violence) GRM will include mechanism for referring SEA/SH-related grievances Formulating and adopting Code of conduct including sections on the safety of women and girls (CoC should be included in all contracts and training on CoC should be provided to all workers) <ul style="list-style-type: none"> CoC are understood through orientations and signed by workers 9 awareness/ orientation/ trainings (awareness on domestic violence (3nos.), Sexual violence/rape (2nos.), CoC (4nos.)) with at least 30 participants in each activity and will conduct during first quarter of 1st year and 3rd quarter of first year) 	Contractor with consent, & coordination support from municipality office (Social Development Section), mobilization of NGOs/CBOs/ Clubs (Supervision support of DSC, and coordination of PIU for all these activities)	NRs 350,000
Social, economic and cultural: Operation Stage				
1	Encroachment of ROW	The municipality will work with wards and local bazaar committees/groups to discourage encroachment into the RoW.	Municipality	Cost will be borne by municipality

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
2	Traffic accidents and associated risks (community members including general public, children, elderly people)	<ul style="list-style-type: none"> • Raise awareness of traffic rules, pedestrian lanes (footpath). • Traffic regulations such as speed limits, sign boards are strictly enforced. • Further encroachment and squatting within the ROW will be prevented. • Do not build schools or hospitals within 50 meters of a road without permission of local government. 	Municipality	Cost will be borne by municipality
3	Limited access for elderly and differently-able people	<ul style="list-style-type: none"> • Provide training on the use of facilities; maintain signboards, lights, instructions in strategic locations. 	Municipality	Cost will be borne by municipality

4.6 Summary of Costs of ESMPs Activities

The summary of costs for the ESMP activities is outlined in **Table 4-3** below

Table 4-3: Summary of Cost of ESMP Implementation

SN	Items & Headings	Unit	Qty	Rate	Total, NPR	Remarks
	Provisional Sum amount					
1	Water quality test	Samples	4		300,000	
2	Air quality and Noise level monitoring/Sampling	Samples	2			
3	Awareness/trainings on GBV, SEA/SH and will conduct during first quarter of 1st year and 3rd quarter of first year with at least 30 participants in each event	Events	9	50000	450,000	
i	Awareness on domestic violence (Mental and Physical Abuse)	Events	3			
ii	Training on Sexual violence/rape	Events	2			
iii	Awareness/Training CoC	Events	4			
4	Solid waste management (training and orientation)				150,000	
5	Awareness on Health and sanitation of workers and provision of chlorine solution	Events	1		50,000	
6	Awareness on Road safety and community safety	Events	2	25000	50,000	
7	Social safeguards (grievance meetings, site monitoring, etc)	Meetings/Events	18	12500	225,000	

Table 4-5: Implementation schedule for Environmental Measure

SN	Impact	Mitigation Measures	2024												2025					
			1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6
1	Air Pollution (Dust)	Water Spray																		
2	Other air pollution parameters	Instrumental analysis																		
3	Water pollution	Lab analysis																		
4	Noise pollution	Instrumental analysis																		
5	Spoil disposal	Proper Supervision																		
6	Borrow pits	Excavation as specified, Reclamation and rehabilitation																		
7	Road Traffic safety	Installation of safety sign boards, campaigning																		
8	Campsite monitoring	Supervision																		
9	Occupational Health & Safety	Safety awareness programme, PPE																		
10	Solid Waste Management	Disposal practice, 3R principle awareness for worker (Training and orientation)																		
11	Loss of vegetation; greenery promotion	Road side plantation																		
12	Quarry sites	Excavation as specified, Reclamation and rehabilitation																		

4.7 Environmental & Social Monitoring

Environmental and social monitoring is an essential tool to make ensure the implementation of mitigation measures and to know the effectiveness of those measures. ESMP monitoring is necessary for the following purposes;

- to track the impacts,
- to evaluate the effectiveness of proposed mitigation measures, and
- to suggest improvements, if any new circumstances arise.

The following table summarizes the plan for environmental and social monitoring for the proposed project;

Table 4-6: Environment and Social monitoring Plan

SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility
A	Construction Phase					
1.	Air quality monitoring	Settlement areas near road alignment	At least TSP; PM ₁₀ /PM _{2.5}	Air Sampler / Detector	Quarterly	DSC
2.	Noise Levels	Settlement areas near road alignment	Average noise levels (L _{eq})	Noise Meter / Android Application	Every Month	DSC
3.	Water Quality	Near disposal site and Campsite	Parameters as per ESMF of the project	Laboratory Analysis	Quarterly	DSC
4.	Spoil Disposal	Along road alignment	Spoil tip sites; road sections where haphazard dump of spoil material, rehabilitation of the sites	Site verification	Every Month	DSC, PIU
5.	Road Traffic safety	Along road alignment	Status of road for use; road accidents records, Management of diversion, traffic signboards, flow of existing traffic, accessibility to the locals, grievances etc.	Use of Logs; Records of complaints	Every Month	DSC, PIU
6.	Camp site monitoring	Campsite	Space for workers; Potable water; Sanitation facilities; waste management, First Aid, rehabilitation after closure of the camp sites etc.	Site verification; records of provisions of WASH materials;	Every Month	DSC, PIU

SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility
7.	Occupational Health & Safety	Active construction sites; camp site	Provision/Use of PPEs; First Aid/treatment; Awareness/orientations conducted for workers	Site verification; records of supply of PPEs; records of events	Every Month	DSC, PIU
8.	Solid Waste Management	Camp site and along the alignment and other construction areas	Types of waste generation, quantity, disposal practice	Observation	Every Month	DSC, PIU
9.	Loss of vegetation; greenery promotion	Active construction sites; road sections passing through vegetated area	Site clearance at vegetated areas; plantation works, maintenance etc. as per EMP.	Site verification; records of trees cut; records of newly planted trees	Every Month	DSC, PIU/PCO
10.	Impact upon physical structures due to vibration of heavy machinery	Along the alignment	Public and private structures affected/cracks shown, loss of business, rehabilitation and relocation, etc.	Site verification, observation, documents in place.	Every Month	DSC, PIU
11.	Quarry sites	All the quarry sites	Land slide, water logging, impact upon public, impact upon water bodies, dust, impact upon physical structures, complain and grievances, rehabilitation of the sites etc.	Observation	Every Month	DSC, PIU
12.	Borrow pits	All the borrow pits excavated for the project	Land slide, water logging, dust, and impact upon private land, impact upon physical structures, complain and grievances, rehabilitation of the sites etc.	Observation	Every Month	DSC, PIU
13.	GBV and SEA/SH	Work sites; settlement areas near camp site	Laborers' records; Cases of GBV in relation to project works; any unrecorded cases	Community consultation; GRM records	Every Month	DSC, PIU
14.	Other facility sites established by the contractor	Project area		Observation	Every Month	DSC, PIU

SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility
B	Operation & Maintenance Phase					
1	Road stability	Road alignment	Status of slopes along road alignment; status of road components	Site verification; ward records; traffic police office records	Every 3 months - 1 st year; Bi-annually after that	DSC, PIU
2	Water pollution	Surface flows (natural drainages & irrigation canals)	Parameters as per standards (Annex 4)	Laboratory Analysis	Every 6 Months	PIU
3	Vegetation/tree survival rate	Plantation sites	Number of surviving trees; status of planted trees	Site verification; interaction with road-side communities	Every 6 Months	PIU
4	Road safety	Road alignment and adjacent settlements	Road accidents; status of road components	Site verification; interaction with road users	Every Month	PIU

Monitoring activities during O&M Phase will need to be scheduled based and site requirements. Contractor will be responsible for monitoring during DLP period. After the DLP period, Sundarharaicha municipality will be responsible for the Operation and Maintenance phase of sub project.

5. STAKEHOLDER ENGAGEMENT AND INFORMATION DISSEMINATION

5.1 Stakeholder Engagement

The local community, ward offices, Sundarharaicha Municipality Office, water supply user committees, local businessmen, labourers and farmers were consulted during the preparation of the ESMP. There is no any culuster of IPs present with in the project area. The project area having mixed group of settlement however consultations were carried out with the women and indigenou communities living along the proposed road alignment (see table 5-4, SN 10). The main objectives of these consultations were to aware public on environment and social issues, find the issues/mitigations to be included in ESMP report. The consultation related minutes are attached in **Annex II**.

Focused group discussions (FGDs), formal consultation meetings, and Key informant interview (KII) were used to engage as many locals as possible during the public consultation process. The details of design aspects of the road, social & environmental safeguards, and GBV aspects were discussed during the public consultations. The list of people and institutions consulted are given in table below (**Table 5-2, 5-3 and 5-4**).

Table 5-1: Caste and Sex details during consultation

SN	Category	Participants Details Gothgaw marga			Remarks
		Male	Female	Total	
1	Brahman	45	36	81	
2	Kshetri	27	19	46	
3	Tharu	11	5	16	
4	Newa: (Newar)	21	10	31	
5	Rai	20	16	36	
6	Tamang	34	18	52	
7	Yakthung/Limbu	22	3	25	
8	Bishwokarma	6	11	17	
9	Pariyar	5	7	12	
10	Giri	0	3	3	
11	Bhujel	3	0	3	
12	Gurung	6	12	18	
13	Majhi	2	0	2	
14	Bardewa	2	0	2	
15	Magar	3	3	6	
16	Other	6	2	8	
Total		213	145	358	
%		59.5	40.5	100	

Table 5-2: List of Consulted people during field study

S N	Name	Organization	Date	Consultation type	Remarks
1	Santosh Lingdein	Chairperson of ward 6	Jestha 31,2080	KII	
2	Tej Bahadur Pradhan	Ward no 6 Member	Asar 11, 2080	KII	
3	Shibraj Chaudhary	Ward no 6 Member	Jestha 31,2080	KII	
4	Tuna Kumari Biswakarma	Executive Member of Municipality	Asar 11, 2080	KII	
5	Geeta Mishra	Ward no 6 Member	Jestha 31,2080	KII	
6	Lokindra Shrestha	President, Gumba tole bikash sanstha	Asar 11, 2080	KII	
7	Somnath Chapagain	Vice-President, Gumba tole bikash sanstha	Asar 11, 2080	KII	
8	Laxmi Prasad Chapagain	Secretary, Gumba tole bikash sanstha	Asar 11, 2080	KII	
9	Naresh Kumar Subedi	Principal, Shree haridev basic School	Asar 11, 2080	KII	
10	Rajesh Guatam	Incharge, Basic Health Center	Asar 11, 2080	KII	
11	Narayani Ghimire	Coordinator, Maiti Nepal	Jestha 28,2080	KII	
12	Aanand Kumari Linkha	Executive Member of Municipality	Jestha 31,2080	KII	
13	Prakash Tamang	President, Sidhartha samudayik Ban Upbhokta samiti	Asar 25,2080	KII	
14	Mahesh rai	President, Hariyali samudayik ban upbhokta samiti	Asar 25,2080	KII	
15	Durga bdr Pradhan	Sachib, Sundar samudayik ban upbhokta samiti	Asar 25,2080	KII	
16	Durga Ghimire	Ban Rakchhak, Sub-division Forest office Latijhoda	Asar 25,2080	KII	
17	Jeeban kumar rai	Former ward chairman	Asar 22, 2080	KII	
18	Prakash Tamang	Om sange resum Gumba	Asar 18, 2080	KII	

S N	Name	Organization	Date	Consultation type	Remarks
19	Deb Kumari Rai	Jagriti Mother group, Dipu tole, Ward-6	Asar 18, 2080	KII	
20	Santosh lingdein-9819029503	Consultation with ward 6 member & Locals	31 Jestha, 2080	FGD	
21	Tuna kumari BK-9817318326	Consultation with Shivalaya tole locals of ward 6	11 Asar, 2080	FGD	
22	Naresh kr Subedi-9842149086	Consultation with Shree Haridev Basic school teachers of ward 6	11 Asar, 2080	FGD	
23	Rajesh Gautam-9842078734	Consultation with Basic Health Center of ward 6	11 Asar, 2080	FGD	Health post
24	lokendra shrestha-9811026669	Consultation with Gumba tole locals of ward 6	11 Asar, 2080	FGD	
25	Gita Mishra-9817385271	Consultation with Kharsangini chowk locals of ward 6	12 Asar, 2080	FGD	
26	Nagesh Pokhrel-9852046219	Consultation with Sundarpur khanepani tatha sarsafai upbhokta samiti of ward 6	14 Asar, 2080	Meeting	Water supply Committee
27	Prakash Tamang-9815319759	Consultation with Om sange Resum Gumba samiti of ward 6	18 Asar, 2080	Meeting	
28	Tej Bdr Pradhan-9825308501	Consultation with Dipu tole locals of ward 6	19 Asar, 2080	FGD	
29	Deb kumari rai, President, 9862291492	Consultation with Jagriti aama samuh of ward 6	24 Asar, 2080	Meeting	Mother Group
30	Mahesh Rai (Hariyali), Prakash Tamang (Sidhartha) and Durga Ghimire (Latijhoda Sub-Division Forest office)	Consultation with Forest user committee	25 Asar, 2080	Meeting	Forest user committee
31	Sarmila rai	Consultation with Women group	2080/08/09	Meeting	Women

Table 5-3: Consultation held (KII-Maheshwor Marga)

Date	Consultation type	Composition of participants	Issues raised	Response from Project
Asar 11, 2080	Key Informat (Maheshwor Marga)	President, Gumba tole bikash sanstha	1) Road should construct as per standard and timely. 2) Should include all stakeholder for betterment	Construction will follow all Government/WB standards
Asar 14, 2080	Key Informat (Maheshwor Marga)	President, Sundarpur khanepaani tatha sarsafai upbhokta	1) If water supply pipeline will be damaged during construction, then project will responsible for maintenance and relocation of water supply facilities. 2) Will support if any obstracles raised during construction by considering ROW 45ft.	Project is responsible for relocation/maintenance if damaged during construction.
Asar 11, 2080	Key Informat (Maheshwor Marga)	Principal, Shree haridev basic School	1) During construction, students' movement may be disturbed 2) Dust and mud will affect the school, if such happens, request you to help for cleaning and arragne mechanism for water sprying to the road regularly 3) Drain with cover should needed from main chowk to school gate.	Project will care students' movement and will arrange mechanism for water sprying regularly. Drains are coverd and will use for footpath.
Asar 11, 2080	Key Informat (Maheshwor Marga)	Incharge, Basic Health Center	1) Road will construct immediatly. 2) If Road will widen, Farmer, enterprenour, students will benifitted.	We are working for easyness of the people of proposed road users.
Jestha 28,2080	Key Informat (Maheshwor Marga)	Coordinator, Maiti Nepal	1) Needs to implement Livelihood related program, 2) Leadership development, child marriage, Drugs related awareness training needed. 3) Arrange mechanism for water sprinkling along the road regularly for dust	Will arrange mechanism for water sprinkling regularly, Awareness training will be planned.
Jestha 31, 2080	Key Informat (Maheshwor Marga)	Chairperson of ward 6	1) Survey was done time to time but no any construction works started. 2) With in ROW, there is no any houses, structures and shed lies. 3) GBV relared incident	GBV related awareness training will be planned and included in DPR/ESIA.

Date	Consultation type	Composition of participants	Issues raised	Response from Project
			arises sometimes but it is solved by Judicial committee.	
Asar 11, 2080	Key Informat (Maheshwor Marga)	Executive Member of Municipality/ IP	1) Road will construct as soon as possible.2) Street light should be placed.3) Bitumen boiling should be done by carefully to reduce dust and air pollution.4) Priority should be given to local worker for construction works.5) arrange Proper drainage for water.	Cost of street light and drainage management included in DPR, Air and dust pollution will be carefully monitored. Contractor will responsible for use of local people however PIU/DSC take necessary initiative for using local people as a construction worker.
Baishak 11, 2080	Key Informat (Maheshwor Marga)	Local People (Ward -6, Shivalaya tole)	1) Road will construct as soon as possible 2) Land should take from equal distance from the center line of the road. 3) ROW is clear if problem arises, we will support to resolve issues	Land will take equal from center line.
Asar 18, 2080	Key Informat (Maheshwor Marga)	Chairperson, Om sange resum Gumba, ward 6	1) Road should construct as per standard. 2) Footpath needed in alignment and arrange mechanism for water sprinkling to the road regularly to prevent dust.	Construction will follow all Government/WB standards and will arrange mechanism for water sprinkling regularly
Asar 19, 2080	Key Informat (Maheshwor Marga)	President, Sidhartha samudayik Ban Upbhokta samiti	1) Employment opportunity to local people 2) Completion time of the road	Contractor will responsible for use of local people however PIU/DSC will take necessary initiative for using local people as a construction worker
Asar 18, 2081	Key Informat (Maheshwor Marga)	Jagriti Mother Group (Deb Kumari rai), Dipu tole, Ward-6	1) Drainage management 2) Junction Improvement 3) Water Sprinkling to road during construction 4) Employment opportunity to local people 5) Awareness Training to local people	Drainage management, Junction improvement and training is included in DPR/ESIA cot. Contractor will responsible for use of local people however PIU/DSC will take necessary initiative for

Date	Consultation type	Composition of participants	Issues raised	Response from Project
				using local people as a construction worker

Table 5-4: FGD and Meeting details during stakeholders' consultation

SN	Date	Consultation type	Compositions of participants	Issues raised	Response from Project
1	31 Jestha, 2080	Consultation with ward 6 member & Locals	20 people of ward 6 participated	Discussed about ESIA, Dust and air Pollution, ROW, Training, Water supply disturbance,	The discussed issues were included in DPR/ESMP of Project.
2	11 Asar, 2080	Consultation with Shivalaya tole locals of ward 6	18 people of ward 6 participated	Discussed about ESIA/ESMP, DPR, Environment and social issues	The discussed issues were included in DPR of Project.
3	11 Asar, 2080	Consultation with Shree Haridev Basic school teachers of ward 6	consultations with 7 teachers of the shree Haridev basic school	Discussed about ESIA/ESMP, DPR, Environment and social issues	The discussed issues were included in ESMP/DPR of Project.
4	11 Asar, 2080	Consultation with Basic Health Center of ward 6	4 people of ward 6(Health Staff) participated	Discussed about ESIA, DPR, Environment and social issues	The discussed issues were included in ESMP/DPR of Project.
5	11 Asar, 2080	Consultation with Gumba tole locals of ward 6	18 people of ward 6 participated	Discussed about ESIA, DPR, Environment and social issues	The discussed issues were included in ESMP/DPR of Project.
6	12 Asar, 2080	Consultation with Kharsangini chowk locals of ward 6	18 people of ward 6 participated	Discussed about ESIA, Environment and social issues	Regular spraying of water, Asphalt plant far from settlement area.
7	14 Asar, 2080	Consultation with Sundarpur khanepani tatha sarsafai upbhokta samiti of ward 6	14 people of ward 6 (Water user group) participated	Discussed about ESIA/ESMP	The discussed issues were included in ESMP/DPR of Project.

SN	Date	Consultation type	Compositions of participants	Issues raised	Response from Project
8	18 Asar, 2080	Consultation with Om sange Resum Gumba samiti of ward 6	14 people of ward 6 (Gumba group) participated	Discussed about ESIA	The discussed issues were included in ESMP/DPR of Project.
9	19 Asar, 2080	Consultation with Dipu tole locals of ward 6	21 people of ward 6 participated	Employment opportunity	The discussed issues were included in ESMP/DPR of Project.
10	19 Asar, 2080	Consultation with Dipu tole locals of ward 6	10 people of ward 6 participated (All IPS)	Road will construct as soon as possible	The discussed issues were included in ESMP/DPR of Project.
11	24 Asar, 2080	Consultation with Jagriti aama samuh of ward 6	6 people of ward 6 (jagriti aama samuh) participated	Discussed about ESIA/ESMP	The discussed issues were included in ESMP/DPR of Project.
12	25 Asar, 2080	Consultation with Forest user committee	14 people of ward 6 (Forest-Sidhartha, Hariyali, forest user committee & Latijhoda sub-Divisionforest) participated	Discussed about ESMP	The discussed issues were included in ESMP/DPR of Project.
13	2080/08/09	Consultation with Women group	13 people of women group	Employment opportunity and Awareness Training to local people.	The discussed issues were included in ESMP/DPR of Project.

Mass Consultation and issue raised during Consultation

The mass consultation of this road was carried out to gather information and interact local people to implementation process, procedure and community roles and responsibilities during and after construction as well as preparation phase. The mass consultation was carried, one mass consultations were conducted. The details of mass consultation participants are *presented in Table 5-5, and* related minutes are attached in **Annex II**. In consultation there is total 114 peoples were participated having 65 male and 49 female.

Table 5-5: Consultation participants Details

SN	Ward No.	Name of the Road	Participants Details	Remarks
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			Male	Female	Total	
1	6	Maheshwor Marga	65	49	114	

Summary of consultations: The people raised their voices about improvement of road in fast and efficient way. Also, they raise voices about the road width and elements of roads. They also raised their voices as road survey was done 2-3 time before by different organization but there is no any works started till now. People are ready to contribute their land and assets to road project if needed according to municipality-decelerated ROW and coordination to concerned stakeholders too. People in the project area have shown their commitment to supporting the project. There is no other objection except the completion of construction on time and maintaining specified quality.

5.2 Information Dissemination

All details regarding the suggested activities and their anticipated outcomes would be made available to the impacted people and other stakeholders. The project will make all necessary disclosures during each step of the project cycle in cooperation with the relevant municipal authorities, NGOs, and other community groups. In order to mutually identify relevant protective or corrective measures, agencies working for environmental and social elements will also be notified about the ongoing and planned activities. The following strategies will be used to ensure that information is available to all parties involved throughout the project cycle.

- Mass Media: Use local media like newspaper, radio and TV.
- Meeting/Workshops
- Distribution of project documents: Certain project documents will be disclosed in Nepali (or other relevant local language). Project-related information materials will be distributed prior to each construction work to local officials, local people, stakeholders and other concerned offices like municipality, Ward, Tole Committee etc.

An Information Centre will be established at the municipality office during implementation to disseminate all the documents related to the project activities. Based on the public information disclosure policy, PCO and the municipality will disclose the information through its website. The information dissemination plan for proposed Road sub project is presented in **Table 5-6**.

Table 5-6: Information dissemination plan

Means of Communication	Timeline & Frequency	Responsibility	Resources
Municipality Website (Project details, ESMP, GRM)	At the start of the project, & maintained throughout	PIU/ Information Officer	Information Officer
Newspaper and local Radio (project salient features, dates, GRM etc.)	Project implementation phase Weekly basis	PIU, municipality Information Officer	Radio-program, FM Radio Clip
Project leaflets and Fact Sheet,	Project details, Implementing agencies, project period - 2 times	PIU, Information Officer	Double-sided colour A4 (500 copies)
Face to face engagements - meetings, focus group	Project Main Activities, Financial Assistance, Implementing agencies,	PIU, Information Officer	

discussion with relevant stakeholders	project period etc. 2 time in year		
Ward offices and Municipal social section/Library (Hard copy of ESMP)	Project period- 2 times	PIU/Municipality	Focal person

5.3 Public/Community Consultation Plan

During project implementation phase, all consultations on social and environmental issues will be conducted in a way that includes women and vulnerable social groups (such as low-income households, members of certain castes, and people with disabilities, among others). Details of the Project Consultation Plan are presented in **Table 5-5**

Table 5-7: Stakeholder consultation Plan

Objective and Target Goal	Method	Responsibility
I. Build Local Ownership		
Introduce Project DPR Report and its components	Group Meeting/Workshops	DSC/ Municipality
Maintain efforts for two-way communication with relevant stakeholders through the project	Face to face meeting with concerned stakeholders	DSC, Ward Level Representatives.
II. Start Consultation Process with Potentially Affected Communities by construction and operation of road		
Identify communities to be potential affected by project	Electronic and face to face communication with relevant stakeholders and implementing agencies	DSC, Municipality Ward Representatives
Consult with community representatives and ensure that their concerns with the proposed project are addressed	Face to face meeting with community representative Meeting will take place following protocol for meeting.	DSC, Municipality Ward Representatives
Ensure that the views and needs of vulnerable segment (if required) of communities, including but not limited to poor, women, elderly, and are addressed by the subproject	Face to face meeting with affected communities' representative (including social officer of Municipality, women's representative etc.)	DSC, Municipality Ward Representatives.
III. Implementation Phase		
Maintain effective communication with PIU	Electronic and face to face communication with representative of relevant agency /organization	PCO, Design and Supervision Consultant Municipality Ward Representatives
Raise awareness of project activities among potential beneficiaries	Media advertisements and targeted campaign	DSC/ Municipality
Maintain consultation process with a potential affected communities and beneficiaries	Face to face meeting with affected communities' representative (including	Design and Supervision Consultant Municipality Ward Representatives

Objective and Target Goal	Method	Responsibility
	social officer of Municipality, women's representative etc.)	
Monitoring and evaluation community involvement	Face to face meeting with affected communities' representative	Design and Supervision Consultant Municipality Ward Representatives
Reports outlining progress of activities related to engagement and communication	Collation of progress report, self-evaluation by PCO	PCO
Agreement on operation and maintenance system	Electronic or face to face communication with relevant stakeholder Face to face meeting with local authority	Design and Supervision Consultant Municipality Ward Representatives
Implementation of ESMP	The contractor will prepare the various standalone plans to comply with ESMP requirements By including all the stand alone plans, the contractor will prepare Contractor's Environmental and Social Management Plan (ESMP) and submit it to PIU. This requirement will be included in the contract BOQ	The contractor's bid document must include the requirements outlined in the ESMP. Before work starts, the contractor will draft the stand-alone plans, present them to the PIU, and get permission. The standalone plan comprises, among other things, a management plan for the environment, health, and safety; a strategy for traffic; a plan for handling complaints; a plan for managing spoils; a plan for disaster readiness; a plan for managing camps; a plan for managing labor; and a plan for managing air, water, and noise.

5.4 Grievance Redress Mechanism (GRM)

As part of the implementation stage the PIU, the project municipality, project engineers and Environment and Social staffs will directly interact and consult with the project affected persons. These would comprise of consultations towards relocation of the PAPs, relocation of cultural properties, and towards addressing the impacts on common property resources (CPRs) such as places of religious importance, community buildings, trees, etc. With the implementation of the rehabilitation provisions in progress, consultations and information dissemination will be undertaken to let the affected persons informed of the progress. Implementation stage also involves redress of grievances in case of rehabilitation aspects as well as relocation of common property resources through the grievance redress mechanisms.

The affected persons and groups identified above will be able to raise any grievances related the relocation of the above assets with the subproject grievance redress mechanism (GRM), to help ensure the successful implementation of resettlement measures. At first instance, the project-affected grievant should raise their grievance with the information office of the project, and the information office will determine whether it can be resolved within the project, at the ward level, or whether another mechanism should be used. PAPs

will be exempt from all administrative fees incurred, pursuant to the grievance redressed procedures except for cases filed in court. More details regarding the GRM are discussed in the following sections.

5.4.1 Structure of the GRC

Two-level Grievance Redress Committee (GRC) has been formed for the sub-project. The composition of the proposed GRC is given below.

a. The first level of GRC sits at the project site level. It is composed of the following team:

Chairperson of ward 6	– Coordinator/Member
Dalit Member, ward-6, Shree Tuna Kumari Biswokarma	-- Member
Tole chair, Sangam tole, Shree Ram Bahadur Thapa	--Member
Ward office staff, Ward-6, Mr. Arjun Pokhrel	--Member
Representative from the DSC (Supervision Engineer/Social/Environmental Safeguard Specialist)–Member Secretary	

b. The second level GRC at the municipality level. It will comprise of the following team.

Mayor Shree Kedar Prasad Guragai	– Coordinator
Deputy mayor Shree Akali Chaudhary	– Member
CAO, Shree Ambika Prasad Chaulagai	– Member
NUGP focal person Mr. Sunil Adhikari	--Member
Municipality's Grievance Officer, Mr Gunnidhi Dahal	– Member
Municipality's Social Development Officer, MRs Shanta Ghimire	– Member
Team leader or a representative from DSC	– Member-secretary

c. The third level GRC has been established at PCO Level.

5.4.2 Processes of the GRM

Grievances shall be submitted through various mediums, including in person, in written form to a noted address, through a toll-free phone line or through direct calls to concerned officials, and emails. The PCO will appoint a person (Operator) at PCO- Kathmandu to receive such calls and online messages. The person (Operator) based on nature of complaint, will forward the same to the information office or ward committee.

A ticket or a unique number will be generated for all such call, messages and letters. The complainant will follow up based that unique number with Operator at PCO-Kathmandu. All complaints will be responded within two weeks at any level. In case response is not received from 1st level within 15 days, the complaint will be escalated to next level. If complaint remains unaddressed at 1st and 2nd within maximum 30 days after registering the compliant, it will be elevated to 3rd level at PCO level. The PCO within 7 days of time should instruct the concerned person at Sundarharaicha municipal level to arrange for a hearing within maximum 5 days of time. Effort will be given by all levels of GRCs to conduct hearing and resolve the concern at their level up to the satisfaction of complainant within the stipulated timeframe. In case 1st and 2nd level GRCs are unable to resolve the concern up to the satisfaction of complainant, these GRCs' or Complainant may approach to 3rd level of GRC at PCO Level. After conducting hearing at any level of GRC, the decision will be communicated to complainant within maximum 30 Days of time.

All local contact information and options for complaint submission will be available on site, on Toles, Wards, municipality office, PCO on information boards and the project municipality websites. A half yearly report on Grievance Redress by the subproject project will be prepared and will be sent to the project municipality's GRCs by Wards' GRCs and ultimately to GRC of PCO. The PCO will forward the same to the World Bank.

The project GRM will include a process for addressing any SEA/SH-related grievances, including the appointment of a focal person to specifically address SEA/SH cases and to provide training/orientation on SEA/SH cases.

5.4.3 Further details of the GRM

The functions of grievance mechanism include redressing grievances of community / beneficiaries /project affected persons in all project respects, providing rehabilitation and resettlement assistance and related activities, and hearing grievances from workers involved in the project at any level or phase. The system should be established to report back to the concerned community or persons regarding the decision on the complaint. The grievances related to women should be dealt by women officer. As required, the social mobilizers will be recruited. GRC will deal/hear the issues related to Environment, R&R and individual grievances and will give its decision/verdict within 30 days after hearing the aggrieved person. The final verdict of the GRC will be given by the Head of GRC in consultation with other members of the GRCs and will be binding to all other members. Potential grievances which may need to be addressed are listed below:

- Access to resource /utility/facility
- Ambient air and noise Quality
- Impact on water quality/resource
- Grievance from vulnerable community
- Gender related issues
- Grievances from workers
- Safety and risk repeated to project development

5.4.4 Other Mechanisms for Grievance Redress

All complainants have the option to approach court/judiciary or the World Bank's Grievance Redress Service in case he or she is not satisfied with the verdict provided.

6. LIST OF REFERENCES

- Environment Protection Act, Government of Nepal, 2019
- Environment Protection Regulations, Government of Nepal, 2020 (and amendments)
- Environmental and Social Management Framework, Nepal Urban Governance and Infrastructure Project, August 2020, the World Bank
- Final Detailed Project Report on Upgradation of Maheshwor Subba Marga Road, Sundarharaicha Municipality Road, July/August 2023
- Nepal Human Rights Year Book 2023, Informal Sector Service Center (INSEC), Kathmandu.
- Project Implementation Manual, Nepal Urban Governance and Infrastructure Project, December 2022, the World Bank
- <https://censusnepal.cbs.gov.np>
- <https://sundarharaichamun.gov.np/>

7. LIST OF ANNEXES

Annex I: Environmental and Social Screening Checklists

Annex II: Minutes, Public Notice and Letters

Annex III: Proposed Typical Cross Sections & Quarry Site

Annex IV: GoN Permissible Environmental limits/standards

Annex V: Air, Noise and Water Quality Test Report

Annex VI: List of Zebra crossings, and Ramp

Annex VII: Code of Conduct (CoC) on GBV

Annex VIII: Photographs

Annex I: Environmental and Social Screening Checklists

Environmental Aspects

Checklist for Environmental Screening

SN	Particulars	Yes	No	Can't Say	Remarks
1	Is the site vulnerable to major or induced hazards such as: Landslides, Flooding, Storm surge, Severe wind damage, Earthquakes, Fire, Explosion, Other (specify)		✓		Possibility of Earthquake Natural Disaster.
2	Is the project area adjacent to or within any of the following environmentally sensitive areas?	✓			The alignment passes through two community forest area but in this forest section, the width of existing track is the greater than proposed construction width (10m). The name of the community forests is Siddartha community forest and Hariyali community forest. The project does not run through other ecologically sensitive area such as protected area, conservation area, wetland, national parks etc. No historical or archeological sites are located within the project area
	· Cultural heritage site (historical, religious, traditional, or cultural significance)				
	· Protected Area (National Parks, Wildlife Reserve, Hunting Reserve, Conservation Areas, and Buffer Zones etc.)				
	· Wetland/Ramsar Site/Simsar				
	· Forest				
	· Special area for protecting biodiversity/interest				
	· Breeding/nesting ground of wildlife/occurrence of migratory species				
· Migration route/Wildlife corridor					
· Any site of national or international importance					
3	Likely impact on trees (including Timber & fruit bearing) and vegetation cover		✓		
4	Possibility of degradation of land and ecosystems of surrounding?				Town area/Residential area.
5	Is the project area densely populated?	✓			ESMP measure applicable.
6	Heavy with development activities/big industries nearby & type?		✓		
7	Alteration of surface water hydrology of waterways due to the project resulting in increased sediment in streams affected by increased soil erosion at construction site?		✓		

Environmental Aspects

Checklist for Environmental Screening

SN	Particulars	Yes	No	Can't Say	Remarks
8	Chance of deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction	✓			
9	Does the sub project require significant extraction of surface or ground water?		✓		
10	Increased risk of water pollution from oil, grease, fuel spills and other materials		✓		
11	Impact on water quality due to release of sewage/sludge?		✓		No sewerage connected to storm water drainage
12	Possibility of flooding due to sewage		✓		No sewerage connected to storm water drainage
13	Possibility of increased air pollution during preconstruction/ construction / operation phase?	✓			Only brings short term impact during construction, ESMP measures applicable.
14	Other pollution concerns relating to inconveniences in living conditions that may trigger cases of upper respiratory problems?	✓			Only brings short term impact during construction, ESMP measures applicable
15	Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological hazards during project construction and operation	✓			Only brings short term impact during construction
16	Noise and vibration due to blasting and/or other civil works?	✓			Only brings short term impact during construction, ESMP measures applicable
17	Possibility of poor sanitation and solid waste disposal	✓			ESMP measures applicable
18	Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?		✓		
19	Accident risks associated with pre construction, construction & operation phases of project	✓			ESMP measures applicable

Environmental Aspects

Checklist for Environmental Screening

SN	Particulars	Yes	No	Can't Say	Remarks
20	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)		✓		Influx of people is anticipated during the time of construction pressure upon existing natural resources such as water, existing food availability, existing educational facilities are likely to be affected with the increase in the number of outside workers.
21	Risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation?	✓			Only brings short term impact during construction, ESMP measures applicable.
22	interference with other utilities and blocking of access to resource/utility				Only brings short term impact during construction
23	Generation of solid waste and/or hazardous waste during construction/operation of project?	✓			Only brings short term impact during construction, ESMP measures applicable.

Social Aspects

Checklist for Social Screening

SN	Particulars	Details/Remarks
1	Proposed Site Location	Sundarharaicha Municipality, ward no 6, Morang, Province Koshi, Nepal
a	Land requirement for the project	It is an up-gradation of existing road. Existing road width is enough for the upgradation. so no additional land is required. ((ROW was declared in 2015AD during preparation of DTMP of former municipality).
b	Landownership of the project area: Govt. / Private lands	Land within the proposed road width is already in use by the public. No additional required for upgrading works.
c	Is the project requiring acquisition of Govt. land/structures? If yes please mention the area of land, number of affected structures, Households	No
d	Present use of Govt. Land that will be used for the project activities with Persons/Households using	No
e	Is the project require acquisition of private land/structures? If yes please mention the area of land, number of affected structures, Households	Existing road width is greater than proposed Construction width (10m).

Environmental Aspects

Checklist for Environmental Screening

SN	Particulars	Yes	No	Can't Say	Remarks
	f Present use of Govt. Land that will be used for the project activities with Persons/Households using <ul style="list-style-type: none"> ü Agricultural purposes ü Residential purposes ü Commercial purposes ü Other purposes (Indicate) 		Public use		
	g Is the project requires relocation of encroachers/squatters If yes please elaborate number and nature		No		
	h Is the project requires relocation of community facilities/Govt. establishment or any object that are of religious, cultural and historical significance		No		
	i Proposed project located in an area where residents are- <ul style="list-style-type: none"> · All Mainstream · All Indigenous peoples · Majority Mainstream or Non-indigenous peoples · Majority Indigenous peoples 		Majority Mainstream		
2	Potential Social Impacts- Will the Project cause				
	a Involuntary resettlement of people? (Physical displacement and/or economic displacement)		No		
	b Impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?		There is no adverse impact to poor, women and children, Indigenous Peoples or other vulnerable groups in the project area as no land acquisition is anticipated for proposed project.		
	c Will community facilities require relocation?		No		
	d Will the sub-project disturb any traditional activity on adjoining or nearby?		No		
	e poor sanitation and solid waste disposal in construction camps and work sites		Influx of people is anticipated during the time of construction. Pressure upon existing natural resources such as water, existing food availability, solid waste system is likely to be affected with the increase in the number of outside workers		
	f Possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations?		Yes, Orientation and awareness to the workers and community to mitigate the impacts		
	g Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?		yes		

Environmental Aspects

Checklist for Environmental Screening

SN	Particulars	Yes	No	Can't Say	Remarks
	h Social conflicts relating to inconveniences in living conditions where construction interferes with preexisting roads				The project population major livelihood depends on commercial activities, agricultural production and livestock. Along the project area during the project construction works, other activities except commercial activities will not be affected due to excavation and construction activities. While, in the implementation phase the commercial activities will be enhanced and further increased in terms of numbers
	i Describe any other impacts that have not been covered in this screening form				No permanent structure lies within the ROW of indigenous people, hence there is no adverse impact on indigenous group, GBV and Electricity pole.
	j Describe alternatives, if any, to avoid or minimize displacement from private and public lands				No displacement of private and public land is required
	k RAP/ARAP Requirement				Not required

Annex II: Minutes, Public Notice and Letters

RoW Declaration Letter



सुन्दरहरैँचा नगरपालिका

SUNDARHARAINCHA MUNICIPALITY

नगर कार्यपालिकाको कार्यालय

Office of Municipal Executive

विराटचौक, मोरङ
Biratchowk, Morang
कोशी प्रदेश, नेपाल
Koshi Province, Nepal



F/Y प.सं. ०७९/०८०
Ref/च.नं. ५१७५

मिति: २०८०/०३/२८

विषय : सडकको Right of way तोकिएको सम्बन्धमा ।

श्री नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना,
आयोजना समन्वय कार्यालय, बबरमहल, काठमाडौं ।

प्रस्तुत विषयमा विश्व बैंकको आर्थिक सहयोग र नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना काठमाडौं मार्फत यस नगरपालिकाको वडा नं. ६, ७ र ८ मा आयोजनाहरू कार्यान्वयन चरणमा पुगिसकेको व्यहोरा अवगत नै छ । उक्त आयोजना मार्फत निर्माण हुने सडकको Right of Way को सम्बन्धमा तत्कालीन कोशीहरैँचा नगरपालिका र सुन्दरदुवारी नगरपालिकाको MTMP-2015 ले सडकहरूको मापदण्ड (Right of Way) तपसिल बमोजिम निर्धारण गरेको व्यहोरा अनुरोध छ ।

तपसिल:

S.N.	Name of Road	Right of way (from Center)	Length	Remarks
1	Chandranagar-University Main Gate (0+000 to 2+020)	15m	4.737 Km	At the time of MTMP 2015, both section were different as they lies on Koshiharaincha and Sundardulari Municipality respectively but now both lies on same municipality and named as Chandranagar-University Main Gate-Gothgaun Chowk
2	University Main Gate-Gothgaun Chowk (2+020 to 4+737)	30m		
3	Maheshwor Subba Marga-Latijhoda	30m	5.030 Km	At the time of MTMP 2015, this section of road lies at Sundardulari municipality

"सुन्दरहरैँचाको पहिचान : समृद्धि र सुशासन"

Phone No.: 021-545050, 545822, 546822, Fax: - 021-545822, Fire Brigade: 021-545666, 021-546666
Website: www.sundarharainchamun.gov.np, Email: sundarharainchamun@gmail.com

अतिरिक्त प्रमुख अधिकारी
सुन्दरहरैँचा नगरपालिका

Sundar-Dulari Municipality
Morang



Municipal
Transport
Master
Plan

2015
FINAL REPORT

VOLUME II

Road List with Hierarchy

SN	Municipal Code	Road Code	Class	Road Name	Wards Passed	ROW (in m)	Length (in km)
1	05M05A001	A001	A	Bansbari to budhi river	4, 6, 10, 11	30	9.29
2	05M05A002	A002	A	Triveni Marga	4, 6, 7, 10, 11	30	5.32
3	05M05A003	A003	A	Maheshwor Marga	4, 7, 10	30	4.52
4	05M05A004	A004	A	Belgachi Marga	2, 8	30	3.17
5	05M05A005	A005	A	Gothgaun Road	1, 2	30	2.08
6	05M05A006	A006	A	Malati Marga	1, 8	30	2.88
7	05M05A007	A007	A	Gachiya-Barmajhiya-Gherabani-Lochani to Gachiya	8, 9	30	5.22
8	05M05B001	B001	B	Arjun Nursery to Gaushala to Janachetana	6, 11	20	1.82
9	05M05B002	B002	B	Chakrapath	4, 5, 6	20	7.15
10	05M05B003	B003	B	Namuna Marga	2, 3, 4	20	3.74
11	05M05B004	B004	B		2	20	0.78
12	05M05B005	B005	B	Thadiya Mrigauliya Road	1	20	2.26
13	05M05B006	B006	B	Kajilal to lawati	8, 9, 10, 11	20	4.88
14	05M05B007	B007	B		1, 8, 9	20	1.81
15	05M05B008	B008	B	From Gachiya to Gherabani	8, 9, 10	20	5.29
16	05M05B009	B009	B	road to masanghat	9, 10	20	1.81
17	05M05B010	B010	B	Bidhe Tesro Bato	1, 2	20	2.10
18	05M05B011	B011	B	road from sikkime chowk to Bharjana bridge	3, 4, 7	20	1.84
19	05M05B012	B012	B	Road to Budhikhap	5	20	0.53
20	05M05C001	C001	C	Belgachi hulaki road	8	15	1.22
21	05M05C002	C002	C	Madhyali Marga	1	15	1.55
22	05M05C003	C003	C	Dhadima PS to Panchayat SS	1	15	0.36
23	05M05C004	C004	C	From Gherabani chautara to budhi koirala home	9	15	0.86
24	05M05C005	C005	C	from choudhary tol to thapa basti	9, 10	15	0.54
25	05M05C006	C006	C	Peshkar Marga	10	15	1.03
26	05M05C007	C007	C	Nanilal Marga	10	15	0.55
27	05M05C008	C008	C	Badahara Road	10	15	1.43
28	05M05C009	C009	C	Haraicha way	11	15	0.83
29	05M05C010	C010	C	Laligurash marga to charigua	11	15	0.73
30	05M05C011	C011	C	Haraicha to Gokuldharm	11	15	0.08
31	05M05C012	C012	C	Gachiya primary school jane bato	3, 4	15	1.20

Municipal Transport Master Plan (MTMP)



COPY

FINAL REPORT
2015




Koshi-Haraicha Municipality
Morang

VOLUME II

SN	Municipal Code	Road Code	Class	Road Name	Wards Passed	ROW (in m)	Length (in km)
28	05M06C005	C005	C	From Baghjoda to University (Ring Road)	1	15	1.39
29	05M06C006	C006	C	Devithan-Jaleswori Marga	4	15	0.37
30	05M06C007	C007	C	Shiva Marga	4	15	0.58
31	05M06C008	C008	C	Devithan Marga	6	15	0.89
32	05M06C009	C009	C	Ram janaki Mandir to Ward 15	6, 15	15	1.33
33	05M06C010	C010	C	Krishi Sadak connecting ward 6	6, 15	15	1.54
34	05M06C011	C011	C	Shimladanda Bato	15	15	0.91
35	05M06C012	C012	C	Campus Road	13	15	0.42
36	05M06C013	C013	C	Belepur Majha Tol Marga	6	15	1.27
37	05M06C014	C014	C	Bhubaneswor Tol to Mrigauliya	7	15	1.19
38	05M06C015	C015	C	Jogichaur to North ward 3	5	15	1.18
39	05M06C016	C016	C	Sayapatri Marga	14	15	0.65
40	05M06C017	C017	C	Budhabare-JanaMarga	3	15	0.35
41	05M06C018	C018	C	Krishi Marga	14	15	0.95
42	05M06C019	C019	C	Janata HSS to Hulaki Marga	13, 14	15	1.28
43	05M06C020	C020	C	Chandranagar Marga	12	15	1.18
44	05M06C021	C021	C	Chandranagar to Talpokhari	7, 12	15	1.77
45	05M06C022	C022	C	Hulaki Marga to Jogiyare to Itaha	8	15	1.77
46	05M06C023	C023	C	Beldangi Marga	11	15	1.65
47	05M06C024	C024	C	Pragati Marga	10, 11	15	1.24
48	05M06C025	C025	C	Salakpur-Bhutai Tol-Hulaki Marga	10	15	0.48
49	05M06C026	C026	C	Krishi Marga	5, 7	15	0.85
50	05M06C027	C027	C	Jogichaur to North ward 3	3	15	0.53
51	05M06C028	C028	C	Campus Marga	4	15	0.78
52	05M06C029	C029	C		9	15	1.14
53	05M06C030	C030	C		9	15	0.23
54	05M06C031	C031	C		9	15	0.14
55	05M06C032	C032	C		9	15	0.31
56	05M06C033	C033	C		9	15	0.27

Municipal Letter related to GBV, SEA/SH




सुन्दरहरैँचा नगरपालिका

SUNDARHARAINCHA MUNICIPALITY

नगर कार्यपालिकाको कार्यालय

Office of Municipal Executive

विराटचौक, मोरङ
Biratchowk, Morang
कोशी प्रदेश, नेपाल
Koshi Province, Nepal



F/Y प.सं: २०८०/०८९
Ref/च.नं १८६१

मिति: २०८०/०६/१०

श्री शहरी शासकीय तथा पूर्वाधार आयोजना
बबरमहल, काठमाण्डौ ।

विषय : तथ्यांक उपलब्ध गराईएको सम्बन्धमा ।

प्रस्तुत विषयमा यस नगरपालिका अन्तर्गतको न्यायिक समितिमा आ.ब. २०७७/०७८, २०७८/०७९ र २०७९/०८० मा दर्ता हुन आएका फिरोदपत्र/निवेदनहरूको विवरण तपशिल बमोजिम रहेको व्यहोरा जानकारीका लागि अनुरोध छ ।

तपशिल :-


सि.नं.	विवादको प्रकार	आ.ब. २०७७/०७८	आ.ब. २०७८/०७९	आ.ब. २०७९/०८०
१	लेनदेन	८	२१	७९
२	जग्गाको सौध सिमाना तथा भोगाधिकार	१८	२२	४६
३	गाली बेईज्यती	३	८	१५
४	आलीघुर, बाँध पैनी कुलो	१	१	५
५	चरन, घाँस दाउरा	०	०	०
६	ज्याला मजदुरी नदिएको	०	१	२
७	ईज्जत आमद अनुसार खान लाउन नदिएको	८	९	१३
८	बहाल नतिरेको	०	३	२
९	पशुपक्षी पाल्दा लापरवाही गरेको	३	०	२
१०	डवनी प्रदूषण तथा फोहोरमैला	१	१	२
११	सम्बन्ध विच्छेद	६	७	७
१२	सार्वजनिक बाटो अवरुद्ध	०	१	४
१३	आफ्नो हक नपुग्ने अरुको जग्गामा घर बनाएको	०	०	१
१४	बालीनाली नोक्सानी	०	०	३
१५	संरचना हटाई पाउँ	२	२	३
१६	जेष्ठ नागरिकको पालन पोषण तथा हेरचाह नगरेको	०	०	१
१७	आफ्नो घर वा बलेसीबाट अर्काको घर, जग्गा वा	०	१	१

"सुन्दरहरैँचाको पहिचान, समृद्धि र सुशासन"

PhoneNo.:- ०२१-५४७०५०, ५४७८२२, ५४८८२२, Fax: - ०२१-५४८८२२, Fire Brigade: -०२१-५४७६६६, ०२१-५४७६६६

Website: www.sundarharaichamun.gov.np, Email: sundarharaichamun@gmail.com

२०८०/०६/१०




सुन्दरहरैँचा नगरपालिका

SUNDARHARAINCHA MUNICIPALITY

नगर कार्यपालिकाको कार्यालय


Office of Municipal Executive

विराटचौक, मोरङ
Biratchowk, Morang
कोशी प्रदेश, नेपाल
Koshi Province, Nepal



F/Y प.सं: २०८०/०८९
Ref/च.नं १८६१


	सार्वजनिक बाटोमा पानी झारेको			
१८	बाटोको निकास सम्बन्धमा	०	०	२
१९	कुटपिट	०	१	०
२०	अर्काको सम्पती हानी नोकसानी	०	२	०
२१	भवन निर्माण	१	२	
२२	अन्य	१	५	२
	जम्मा	५२	८७	१९०


२०८०/१९०
ज. प्रमुख प्रशासकीय अधिकारी

"सुन्दरहरैँचाको पहिचान, समृद्धि र सुशासन"

PhoneNo.:- 021-547050, 547822, 548822, Fax: - 021-548822, Fire Brigade: -021-547666, 021-548666
Website: www.sundarharaichamun.gov.np, Email: sundarharaichamun@gmail.com

Letter from Area Police office, Belbari, Morang about GBV



नेपाल सरकार
गृह मन्त्रालय
ईलाका प्रहरी कार्यालय
(अपराध अनुसन्धान शाखा)
ईलाका प्रहरी कार्यालय
बेलबारी, मोरङ

कन्ट्रोल: १००
फोन: { ०२१-५४५३११
१८५२०९०१३७

बेलबारी, मोरङ ।
प्रदेश कोशी
मिति:-२०८०।०६।१५ गते ।

पत्र संख्या:०८०/०८१ च.नं. १३३५

प्रा.प.सं. :


विषय:-खुलाई पठाईएको ।

श्री सुन्दरहरैचा नगरपालिकाको कार्यालय
बिराटचौक मोरङ ।

प्रस्तुत विषयमा तहां कार्यालयको च.नं.१९२६ मिति २०८०।०६।२४ गतेको पत्र प्राप्त भई ब्यहोरा अवगत भयो सो सम्बन्धमा यस कार्यालयको क्षेत्राधिकार भित्र पर्ने वडा एरिया मध्ये सुन्दरहरैचा नगरपालिका भित्रमा घटेका अपराधको तत्थ्याडक पत्रमा माग भए बमोजिम शिर्षक अनुसार निम्नानुसार खुलाई पठाईएको ब्यहोरा अनुरोध गरिएको छ ।

निम्न:-

सि.नं.	विवरण	आ.व.०७७/०७८	आ.व.०७८/०७९	आ.व.०७९/०८०
१	महिला हिंसा			
क.	मानव बेचबिखन	-	-	-
ख.	महिला शारिरीक हिंसा	-	-	-
ग.	बहु-विवाह	९	४	४
घ.	घरेलु हिंसा	४	५	७
ड.	दाईजो प्रथा	-	-	-
च.	मनसिक यातना	-	-	-
२.	यौन तथा यौनजन्य दुर्व्यवहार			
क.	जबरजस्ती करणी	१६	१५	११
ख.	जबरजस्ती करणी उद्योग	४	२	३
ग.	बाल यौन दुरुपयोग	-	५	-
घ.	यौनजन्य हिंसा	१	-	-
३.	लागु औषध			
क.	लागु औषध सम्बन्धी घटना	९	९	९


निकाय्यालय प्रमुख
(राजु बिष्ट)
प्रहरी बरिष्ठ नायव निरीक्षक

Letter from NEA



नेपाल विद्युत प्राधिकरण

(नेपाल सरकारको स्वायत्त)
वितरण तथा ग्राहकसेवा निर्देशनालय
कोशी प्रदेश
प्रादेशिक कार्यालय, विराटनगर
बेसवारी वितरण केन्द्र

पत्र संख्या: २०८०/०८१

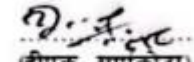
च. नं. २२३

श्री सुन्दरहरैचा नगरपालिका,
नगर कार्यपालिकाको कार्यालय,
विराटचौक, मोरङ ।

मिति: २०८०।०६।०८


विषय: जानकारी गराईएको बारेमा ।

उपरोक्त सम्बन्धमा तहा कार्यालयको च.नं. १६०७ मिति २०८०।०५।२७ को पत्रबाट
व्यहोरा भवगत भयो । उक्त पत्रमा उल्लेख सडकहरु निर्माण हुदा सडकको दायाँबायाँ पर्ने
विद्युतीय पोलहरु सार्ने यस कार्यालयबाट ने.वि.प्रा.को नियमानुसार आवश्यक सहयोग र समन्वय
गरिने व्यहोरा जानकारीको लागि अनुरोध छ ।


(दीपक सापकोटा)
केन्द्र प्रमुख

केन्द्र प्रमुख

Formation of GRM (1st Level)




सुन्दरहरैँचा नगरपालिका

SUNDARHARAICHA MUNICIPALITY

नगर कार्यपालिकाको कार्यालय

Office of Municipal Executive

विराटचौक, मोरङ
Birat Chowk, Morang
कोशी प्रदेश, नेपाल
Koshi Province, Nepal
सुन्दरहरैँचा नगरपालिका
नगर कार्यपालिकाको कार्यालय
मोरङ, कोशी प्रदेश,
२०७३




Ref. च.नं. :
मिति: २०८०/०८/१३

सूचना I सूचना II सूचना III

मिति २०८०/०८/१२ गतेका दिन यस सुन्दरहरैँचा नगरपालिकाका नगर प्रमुख श्री केदार प्रसाद गुरागाईं ज्यूको अध्यक्षतामा बसेको बैठकले विद्युत बैँकको आर्थिक सहयोगमा नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन लागेको यस मोरङ जिल्ला सुन्दरहरैँचा नगरपालिका वडा नं. ६ (साबिक सुन्दरदुलारी नगरपालिका वडा नं. ३, ४ र ७) मा पर्ने महेन्द्र सुब्बा मार्ग हुँदै लाटिझोडा चोकमा अन्त्य हुने ५.०७५ किलोमिटर लम्बाई भएको सडक खण्डको निर्माणका अवधिमा आउने गुनासाहरूको अध्ययन गरी स्थानिय स्तरमार्फत समाधान गर्न आयोजना स्तरमा वडा नं. ०६ का वडाध्यक्ष श्री सन्तोष लिङ्देन ज्यूको संयोजकत्वमा निम्न उल्लेखित व्यक्तिहरू रहनेगरी एक गुनासो सुनुवाइ समिति (GRC) गठन गरीएको बारे सम्बन्धित सबैलाई जानकारी गराइन्छ । साथै आयोजना सम्बन्धित कोहिक्साँलाई कुनै गुनासो भए उल्लेखित गुनासो सुनुवाइ समितिमा मौखिक वा लिखित रूपमा जानकारी गराउनहुन अनुरोध छ ।

तपसिल

१. संयोजक : श्री सन्तोष लिङ्देन, वडाध्यक्ष वडा नं. ६
२. सदस्य : श्री दुना कुमारी विश्वकर्मा, महिला वडासदस्य वडा नं. ६
३. सदस्य : श्री राम बहादुर थापा, टोल विकास समिती अध्यक्ष वडा नं. ६
४. सदस्य : श्री अर्जुन पोखरेल, आयोजना सम्बन्धित वडा नं. ६ कार्यालय कर्मचारी
५. सदस्य सचिव : सामाजिक सुरक्षण / वातावरण विषेषज्ञ / सुपरभिजन इन्जिनियर


केदार प्रसाद गुरागाईं
नगर प्रमुख

"सुन्दरहरैँचाको पहिचान : समृद्धि र सुशासन"

Phone No.: 021-545050, 545822, 546822, Fax: 021-545822, Fire Brigade: 021-546666
Website: www.sundarharaichamun.gov.np, Email: sundarharaichamun@gmail.com

Formation of GRM (2nd Level)



सुन्दरहरैँचा नगरपालिका

SUNDARHARAICHA MUNICIPALITY
नगर कार्यपालिकाको कार्यालय

Office of Municipal Executive

विराटचोक, मोरङ
Biratnagar, Morang
कोशी प्रदेश, नेपाल
Maheshwor Subba Marga Road

सुन्दरहरैँचा नगरपालिकाको कार्यालय
मोरङ, कोशी प्रदेश, नेपाल
२०७३



फ्या.प.सं.:
Ref.च.नं.:

मिति: २०८०/०८/१३

सूचना I

सूचना II

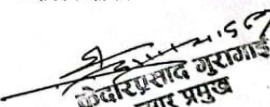
सूचना III

श्रीमान्,

मिति २०८०/०८/१२ गतेका दिन यस सुन्दरहरैँचा नगरपालिकाका नगर प्रमुख श्री केदार प्रसाद गुरागाईं ज्यूको अध्यक्षतामा बसेको बैठकले विद्युत बैँकको आर्थिक सहयोगमा नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन लागेको यस मोरङ जिल्ला सुन्दरहरैँचा नगरपालिकाका वडा नं. ७ र ८ मा पर्ने चन्द्रनगर विद्युतविध्यालय हुँदै गोठगाउँ चोकमा अन्त्य हुने ५.१४७ किलोमिटर सडक र सुन्दरहरैँचा नगरपालिका वडा नं. ६ मा पर्ने महेष्वर सुब्बा मार्ग हुँदै लाटिझोडा चोकमा अन्त्य हुने ५.०७५ किलोमिटर लम्बाई भएको सडक खण्डको निर्माणका अवधिमा आउने गुनासाह रू स्थानिय स्तरमानै पहिलो चरणको गुनासो सुनुवाइ समितिबाट समाधान नभएका गुनासाहरूको समाधान गर्नको लागि नगर प्रमुख मेयर श्री केदार प्रसाद गुरागाईं ज्यूको संयोजकत्वमा निम्न उल्लेखित व्यक्तिहरू रहनेगरी एक गुनासो सुनुवाइ समिति (GRC) गठन गरीएको बारे सम्बन्धित सबैलाई जानकारी गराइन्छ । साथै आयोजना सम्बन्धि कोहिक सैलाई कुनै गुनासो भए उल्लेखित गुनासो सुनुवाइ समितिमा मौखिक वा लिखित रूपमा जानकारी गराउनहुन अनुरोध छ ।

तपसिल

नगरपालिका मेयर श्री केदार प्रसाद गुरागाईं	- संयोजक
नगरपालिका उपमेयर श्री अकली चौधरी	- सदस्य
प्रमुख प्रशासकीय अधिकृत श्री अम्बिका प्रसाद चौलागाईं	- सदस्य
आयोजना सम्पर्क व्यक्ति(NUGIP focal person) श्री सुनिल अधिकारी	- सदस्य
नगरपालिकाको गुनासो सुन्ने अधिकारी श्री विरेन्द्र नेयोहाड	- सदस्य
सामाजिक विकास शाखा प्रमुख/अधिकृत श्री शान्ता छिमिरे	- सदस्य
परामर्शदाता टोली नेता	- सदस्य सचिव


केदार प्रसाद गुरागाईं
नगर प्रमुख

"सुन्दरहरैँचाको पहिलो पलिका : समृद्धि र सुख प्राप्त गर्न"

Phone No.: ०२१-५४५०५६, ५४५८२२, ५४६८२२, Fax: ०२१-५४५८२२, Fire Brigade: ०२१-५४६६६६
Website: www.sundarharaichamun.gov.np, Email: sundarharaichamun@gmail.com

Letter regarding Anti-Harassment Cell



सुन्दरहरेँचा नगरपालिका

SUNDARHARAINCHA MUNICIPALITY

नगर कार्यपालिकाको कार्यालय

Office of Municipal Executive

विराटचौक, मोरङ
Biratchowk, Morang
काशी प्रदेश, नेपाल

Province No. 1, Nepal



F/Y प.सं. ०७९/०८०

Ref/च.नं. ५९२४



मिति: २०८०/०३/२८

विषय: Anti-Harassment cell को जिम्मेवारी तोकिएको बारे ।

श्री नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना,
आयोजना समन्वय कार्यालय, बबरमहल, काठमाडौं ।


प्रस्तुत विषयमा नेपाल शहरी शासकीय तथा पूर्वाधार आयोजनाबाट मिति २०८०/०३/१० को च.नं. ३५१ को पत्र अनुसार उक्त आयोजनासँग सम्बन्धित लैङ्गिक हिंसा तथा यौन दुर्व्यहारहरू सम्बन्धी गुनासाहरूलाई अभिलेखिकरण तथा सहजीकरण गर्नका लागि यस नगरपालिकाको लैङ्गिक हिंसा हेर्ने व्यक्ति श्री शान्ता धिमरेलाई Anti-Harassment cell को समेत गुनासो हेर्ने जिम्मेवारी तोकिएको व्यहोरा अनुरोध छ ।


सुन्दरहरेँचा नगरपालिका
प्रमुख प्रशासकीय अधिकृत

"सुन्दरहरेँचाको पहिचान : सगुञ्जि र सुशासन"

Phone No :- 021-545650, 545822, 546822, Fax :- 021-543822, Fire Brigade: 021-545666, 021-546666
Website: www.sundarharaiichamun.gov.np, Email: sundarharaiichamun@gmail.com

Public Notice for ESMP Preparation




सुन्दरहरैँचा नगरपालिका

SUNDARHARAINCHA MUNICIPALITY

नगर कार्यपालिकाको कार्यालय

Office of Municipal Executive

विराटचौक, मोरङ
Biratchowk, Morang
कोशी प्रदेश, नेपाल
Koshi province, Nepal




F.Y प.सं. ०८०/०८१
Ref/ च.नं.

मिति: २०८०/०३/३१

सूचना ! सूचना !! सूचना !!!

विश्व बैंकको आर्थिक सहयोगमा शहरी विकास तथा भवन निर्माण बिभाग (DUDBC), नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन लागेको यस मोरङ जिल्ला सुन्दरहरैँचा नगरपालिका वडा नं. ६ (साबिक सुन्दरदुलारी नगरपालिका वडा नं. ३, ४ र ७) मा पर्ने महेश्वर सुब्बा मार्ग हुँदै लाटिझोडा चोकमा अन्त्य हुने ५.०३० किलोमिटर लम्बाई भएको सडक खण्डको स्तरोन्नति गर्ने भएको छ । यसै सिलसिलामा उक्त सडक खण्डको बिस्तृत परियोजना सिबेदन तयारीका चरणमा गरीने वातावरणिय तथा सामाजिक व्यवस्थापन योजना (ESMP) तयारीका लागि परामर्शदाताका DSC Team, नगरपालिका र आयोजनाबाट प्रभावित हुने बासिन्दा / जग्गा धनिहरूका बिच निम्न उल्लेखित स्थान र मितिमा हुने बिस्तृत छलफल तथा अन्तरकृया कार्यक्रममा उपस्थित हुनका लागि सम्बन्धित सबै सरोकारवालाहरूलाई सुचित गरीन्छ ।

अन्तरकृया हुने मिति र स्थान:
मिति: २०८०/०४/०७ गते आइतबार
समय: विहान ११:०० बजे
स्थान: सुन्दरहरैँचा नगरपालिका वडा नं. ६, शिवालय टोल


सुनिल अधिकारी
फोकल इन्जिनियर

"सुन्दरहरैँचाको पहिचान : समृद्धि र सुशासन"

Phone No.:- 021-545050, 545822, 546822, Fax: - 021-545822, Fire Brigade: -021-545666, 021-546666
Website: www.sundarharaiichamun.gov.np, Email: sundarharaiichamun@gmail.com

प्रस्तावः

प्रस्ताव नं. १: लेबर कम्पाय, निर्माण सामग्रीएड, Solid waste management, spoil disposal site, workshop area र Concrete batch plant स्थाने उक्ता स्थानमा ।

प्रस्ताव नं. २: विविध ।

निर्णयः

निर्णय नं. १: उपरोक्त प्रस्ताव नं. १ माथि छलफल गर्दा यस मद्देखा सुका मार्ग हुने लालीमोडा अडक उपचार योजनाको कार्यालयको समझा लेबर कम्पाय, निर्माण सामग्रीएड, workshop area, spoil pit, concrete batch plant, spoil disposal area र Solid waste management अत्र चाहिने भएको हुनाले आफुभित्र पर्ने उक्ता यत्न अनुसन्धानका कडा र. ६ मिलाएर र्ण अर्जित बाइल अर्जित गरेपछि लेबरमा उपलब्ध गराउन सक्नु पर्ने सम्झौता समेत गर्नु हुनाले उक्त स्थानमा निर्माण गर्ने अनि निर्णय गरियो र एम्प्लोयमेन्ट तथा कन्सल्टेन्सीया कूल डाल्न पर्ने कति खर्च स्थानमा उक्ता यत्न मात्रामा भएको हुनाले लेबर कम्पायबाट निस्कने विभिन्न Solid waste एड अनि सोहि स्थानमा व्यवस्थापन गर्ने अनि निर्णय गरियो ।

~~प्रस्ताव~~ ~~निर्णय~~ ~~अनुमति~~

IEE Approval by Municipality

कार्यपालिका बैठक संख्या: २/८४, मिति २०७९ भदौ ६ गते सोमबार

मिति २०७९ भदौ ६ गते सोमबार दिनको ४ बजे नगर प्रमुख श्री केदारप्रसाद गुरागाईंको अध्यक्षतामा बसेको यस नगरपालिका नगर कार्यपालिकाको २/८४ औं कार्यपालिका बैठकमा देहाय बमोजिमका निर्णयहरू गरियो ।

प्रस्ताव नं. १ प्रारम्भिक वातावरणीय प्रतिवेदन (आई.ई.ई.) सम्बन्धमा ।

निर्णय नं. १ चालु आ.व. २०७९/०८० का लागि तयार गरिएको सुन्दरहरीचा नगरपालिकामा पर्ने बूढी खोला, गछिया खोला र लोहन्द्रा खोला विभिन्न बगर क्षेत्रबाट दिगो र वातावरणमैत्री रूपले ढुङ्गा, गिट्टी तथा बालुवा (नदीजन्य पदार्थ) उत्खनन तथा सङ्कलन गर्ने कार्यको प्रारम्भिक वातावरणीय प्रतिवेदन (आई.ई.ई.) स्वीकृत गर्ने निर्णय गरियो ।

प्रस्ताव नं. २ पुराना जिन्सी मालसामानहरू लिलाम बिक्री गर्ने सम्बन्धमा ।

निर्णय नं. २ यस नगरपालिका र सो अन्तर्गतका कार्यालयहरूमा रहेका पुराना जिन्सी मालसामानहरूको लिलाम बिक्री गर्ने सम्बन्धमा आवश्यक तयारी गरी आगामी कार्यपालिकाको बैठकमा छलफल गर्ने निर्णय गरियो ।

प्रस्ताव नं. ३ "घ" वर्गको निर्माण व्यवसाय इजाजत नवीकरण सम्बन्धमा ।

निर्णय नं. ३ यस नगरपालिकाको "घ" वर्गको निर्माण व्यवसायी इजाजतसम्बन्धी कार्यविधि, २०७५ को अनुसूची-५ मा उपकरणहरू (जस्तै: ट्रिपर, ट्रयाक्टर आदि) सम्झौता गरी बहालमा लिन पाउने व्यवस्था भएकोमा व्यवसायीले उपकरणहरू बहालमा लिए बापत व्यवसाय नवीकरण गर्दा नगरपालिकालाई सम्झौता पत्रमा उल्लेख भएको बहाल रकमको वार्षिक २% (दुई प्रतिशत) बहाल कर तिर्नुपर्ने निर्णय गरियो । चालु आ.व.भन्दा अघि बहाल कर नतिरी व्यवसाय नवीकरण गरेका "घ" वर्गका निर्माण व्यवसायीहरूलाई नियमानुसार १०% (दश प्रतिशत) जरिवाना लिने समेत निर्णय गरियो ।

प्रस्ताव नं. ४ नगर अस्पताल सञ्चालन अनुमति सम्बन्धमा ।

निर्णय नं. ४ यस नगरपालिकाको वडा नं. १ स्थित साविकको प्राथमिक स्वास्थ्य केन्द्र, हरैचालाई नगर अस्पतालको रूपमा स्तरोन्नति गर्ने भनी यसअघि नै नगरसभाबाट निर्णय भई स्वास्थ्य तथा सरसफाई ऐन, २०७८ अनुसार अनुगमन समितिले अनुगमन गरी प्रतिवेदन समेत प्राप्त भइसकेकाले उक्त स्वास्थ्य संस्थालाई १५ बेडको अस्पताल सञ्चालन गर्न स्वीकृति दिने र उक्त नगर अस्पतालको छाप, साइनबोर्ड र लेटरहेड नगर कार्यपालिकाको कार्यालयले स्वीकृत गरे बमोजिम हुने निर्णय गरियो ।

प्रस्ताव नं. ५ घरनक्साको म्याद थप तथा अभिलेखीकरण गर्ने सम्बन्धमा ।

निर्णय नं. ५ घरनक्साको म्याद थप तथा अभिलेखीकरण गर्ने सम्बन्धमा तपसिल बमोजिमका निर्णयहरू गरियो ।

तपसिल:

(क) पुरानो मितिमा घरनक्सा पासका लागि दरखास्त बुझाएको तर हालसम्म पनि घरनिर्माण सम्पन्न/अभिलेखीकरणको प्रक्रिया पूरा नगरी म्याद गुञ्जिएका दरखास्तहरूलाई पुनः एक पटकका लागि थप २०% दस्तुर लिएर एक आ.व.का लागि म्याद थप गरिदिने ।

(ख) घरनक्सा नामसारीको लागि यसअघि नै कार्यालयबाट निर्माण सम्पन्न/अभिलेखीकरणको प्रमाण-पत्र प्राप्त गरेका तर साविकको घरनक्साभन्दा हाल फरक अवस्थामा घर/भवनको मोहडा, तला, क्षेत्रफल, जग्गा किताकाट आदि पाइएमा स्थलगत निरीक्षण गरी प्राविधिकको प्रतिवेदनका आधारमा निर्माण सम्पन्न प्रमाण-पत्रको नामसारी वा घर/भवन अभिलेखीकरणको प्रमाण-पत्र जारी गरिदिने ।



विनोद गुराई
प्रमुख प्रशासकीय अधिकृत

प्रमाणिकरण
मिति: २०७९/०४/१६

कार्यपालिका बैठक संख्या: २/१०५, मिति २०८० असोज १७ गते बुधवार

मिति २०८० असोज १७ गते बुधवार दिनको ३ बजे नगर प्रमुख श्री केदारप्रसाद गुरागाईंको अध्यक्षतामा बसेको सुन्दरहरैँचा नगरपालिका नगर कार्यपालिकाको २/१०५ औं कार्यपालिका बैठकमा देहाय बमोजिमका प्रस्तावहरू माथि छलफल गरी निर्णय गरियो।

प्रस्ताव नं. १ आन्तरिक आयको ठेक्का सम्बन्धमा।

निर्णय नं. १ आ.व. २०८०/०८१ मा सुन्दरहरैँचा नगरपालिका क्षेत्रभित्र रहेका गछिया खोला, लोहोन्द्रा खोला र बुढी खोलामा यस अगाडि ३ पटक ठेक्का आह्वान गर्दा समेत ठेक्का नलागेको, नदीजन्य पदार्थको विषय प्रदेश सरकारसँग जोडिएको हुँदा मिति २०८०/०६/०४ गतेको पत्र मार्फत राय परामर्श माग गरिएको भएता पनि हालसम्म सो को जवाफ प्राप्त नभएको, दैनिक नदीजन्य पदार्थको बढ्दो चोरी निकासी हुने जसले राजस्व सङ्कलन अनुमान गरे बमोजिम सङ्कलन नहुने देखिएको तथा मिति २०८०/०५/१८ गतेको स्थानीय राजस्व परामर्श समितिको सिफारिस समेतलाई ध्यानमा राखी उल्लेखित खोलाहरूमा उत्खनन हुन सक्ने नदीजन्य पदार्थ, परिमाण समेत खुलाई भूगर्भविद्हरूद्वारा पेश भएको प्रतिवेदनलाई अनुमोदन गर्दै सोही प्रतिवेदनका आधारमा निम्न बमोजिम ३ खण्डमा न्यूनतम रकममा नघट्ने गरी ठेक्का अंक कायम गर्दै १५ दिनको समय राखी ठेक्का आह्वान गर्न कार्यालयलाई निर्देशन दिने निर्णय गरियो।

बुढी खोलाका नाकाहट्टबाट उत्खनन गर्न सकिने नदीजन्य पदार्थको विवरण

क्र. सं.	ठेक्का नम्बर	ढुङ्गा			प्रावल			बालुवा			धरोट			कुल जम्मा (रु. मा)
		उत्खनन हुने परिमाण (क्यू.फि. मा)	द र	जम्मा रकम (रु.मा)	उत्खनन हुने परिमाण (क्यू.फि. मा)	द र	जम्मा रकम (रु.मा)	उत्खनन हुने परिमाण (क्यू.फि. मा)	द र	जम्मा रकम (रु.मा)	उत्खनन हुने परिमाण	द र	जम्मा रकम (रु.मा)	
१	राजस्व १३/१० ५/बुढी खोला	३१,६१८ /२८०६	७	२,२१,३२७/९६	१,०२,०५४/०९	७	७,१४,३७८/६३	४,३५,३४०/८५	६	२६,१२,०४५/१०	१,०५,९४४	४	४,२३,७७६/-	३९,७९,५२७/९६
मू.अ.क. बाहेकको जम्मा रकम (रु.मा)													रु. ३९,७९,५२७/९६	
१३% मू.अ.क. (रु.मा)													रु. ५,१६,२९८/५९	
मू.अ.क. सहितको जम्मा ठेक्काको न्यूनतम अंक (रु.मा)													रु. ४४,९५,८२६/५५	

(स्टक प्रमाणित बाहेकको)



Handwritten signature and stamp of the Municipal Executive Officer, Sundarharaicha Municipality.

७/११/१९
७/११/१९

कार्यपालिका बैठक संख्या: २/१०५, मिति २०८० असोज १७ गते बुधबा

गठिया खोलाका नाकाहरूबाट उत्खनन गर्न सकिने नदिजन्य पदार्थको विवरण

क्र.सं.	ठेक्का नम्बर	दुइगा			प्राबेल			बालुवा			भरोट			कुल जम्मा (रु.मा)
		उत्खनन हुने परिमाण (क्यू.फि.मा)	दर	जम्मा रकम (रु.मा)	उत्खनन हुने परिमाण (क्यू.फि.मा)	दर	जम्मा रकम (रु.मा)	उत्खनन हुने परिमाण (क्यू.फि.मा)	दर	जम्मा रकम (रु.मा)	उत्खनन हुने परिमाण (क्यू.फि.मा)	दर	जम्मा रकम (रु.मा)	
१	राजघ १३/१० ५/गठिया खोला	३,४२, ४९६/१ २	७	२३,९७, ४७२/८ ४	८,१९, १९०/ २८	७	५७,३३, ७७१/९ ६	१५,९९, ४१२/० २	६	९५,४८, ४७२/१ २	६६,८ ०३/३ ४	४	२,६७, २१३/ ३६	१,७९,४ ६,९३०/ २८
मू.अ.क. बाहेकको जम्मा रकम (रु.मा)													रु. १,७९,४ ६,९३०/ २८	
१३% मू.अ.क. (रु.मा)													रु. २३,३३, ९००/९४	
मू.अ.क. सहितको जम्मा ठेक्काको न्यूनतम अंक (रु.मा)													रु. २,०२,८ ०,०३१/ २१	

(स्टक प्रमाणित बाहेकको)



७/११/१९
- २०८१९६
अतिबन्धु प्रसाद खोलागाई
प्रमुख प्रशासकीय अधिकृत

१५/१५/१५

कार्यपालिका बैठक संख्या: २/१०५, मिति २०८० असोज १७ गते बुधवार

लोहोन्द्रा खोलाका नाकाहरूबाट उत्खनन गर्न सकिने नदिजन्य पदार्थको विवरण

क्र. सं.	ठेक्का नम्बर	दुईगा			ग्रावेल			बालुवा			कुल जम्मा (रु. मा)
		उत्खनन हुने परिमाण (क्यू.फि. मा)	द र	जम्मा रकम (रु.मा)	उत्खनन हुने परिमाण (क्यू.फि. मा)	द र	जम्मा रकम (रु.मा)	उत्खनन हुने परिमाण (क्यू.फि. मा)	द र	जम्मा रकम (रु.मा)	
१	राजस १३/१०५/लोहान्द्रा खोला	२,६२,७४१	७	१८,३९,१८७	५,५३,१२१	७	३८,७१,८५३	८,८५,१२६	६	५३,१०,७६०	१,१०,२१,८०२/३५
मू.अ.क. बाहेकको जम्मा रकम (रु.मा)											रु. १,१०,२१,८०२/३५
१३% मू.अ.क. (रु.मा)											रु. १४,३२,८३४/३०
मू.अ.क. सहितको जम्मा ठेक्काको न्यूनतम अंक (रु.मा)											रु. १,२४,५४,६३६/६५

(स्टक प्रमाणित बाहेकको)

प्रस्ताव नं. २ राजसका रसिदहरूलाई रद्द तथा संशोधन गर्ने सम्बन्धमा ।

निर्णय नं. २ यस नगरपालिकाले राजस सङ्कलन गर्ने क्रममा भुलबस काटिएका देहाय बमोजिमका रसिदहरूलाई रद्द तथा संशोधन गर्ने निर्णय गरियो ।

क्र.सं.	राजस सङ्कलन केन्द्र	रद्द गर्नुपर्ने रसिद नं.	कायम गरिनु पर्ने रसिद नं.	रकम	कैफियत
१	वडा नं. ५ को कार्यालय (च.नं. १२१, मिति २०८०/०४/१२ गतेको सिफारिस पत्र)	१५०९७	१५०९६	रु. १,५१०/-	भुलबस दुई पटक रसिद काटिएको ।
२	नगरपालिकाको कार्यालय	१५०५ र १५०७	१५११ र १५२०	रु. १६,२००/-	भुलबस बढी



१५/१५/१५
 १५/१५/१५
 १५/१५/१५
 १५/१५/१५

Letter from Sundarpur Drinking water and sanitation user committee



सुन्दरपुर खानेपानी तथा सरसफाइ उपभोक्ता संस्था

प. सं. : ०८०१०८१

च. नं. : २७

सुन्दरहरैँचा-५ मोरङ



मिति : २०८०१०८११

श्रीमान जो जस सँग सम्बन्ध छ ।

विषय - खानेपानी पाइप लाइन सम्बन्धमा।

प्रस्तुत विषयको सन्दर्भमा मोरङ जिल्ला सुन्दरहरैँचा नगरपालिका अन्तर्गत महेश्वर सुब्बा मार्ग हुदै लाटिझोडा सडक खण्डमा पर्ने यस खानेपानी उपभोक्ता संस्थाको खानेपानी पाइपलाइन सडक विस्तार तथा स्तरउन्नतीको क्रममा क्षेति भएतापनी यस उपभोक्ता संस्थाको कुनै गुनासो तथा समस्या नरहने बेहोरा जानकारी गराइन्छ ।

राजेश पोखरेल
अध्यक्ष



Meeting minutes with Women Group

आज मिति २०७३/०८/१६ गते श्रोमवारका दिन भन् युनियनहरूको नगरपालिका वडा अध्यक्ष श्री अनन्त लिम्बूको अध्यक्षतामा युनियनहरूको नगरपालिका वडा नं. ६ स्थित बिकालय रोजमा भएको छलफल तथा आन्तव्यक्रिया कार्यसम्म नेपाल बाहरी व्यापारी तथा पुनर्स्थापना योजना अन्तर्गत यस वडा नं. ६ मा पर्ने महिलाहरू प्रोत्साहन सुचना पाउने हुने जतीकोष अडक अडकको स्तरोन्नति गर्ने कार्यको विस्तृत परिचय तथा प्रतिवेदन २ वटावरीय एवं सामाजिक व्यवस्थापन योजना तथापीको लागि उद्द गहन, नगरपालिका र स्थानीय आदिवासी / जनजातीहरूका विच विस्तृत छलफल तथा आन्तव्यक्रिया गर्ने कार्य सम्पन्न भयो । साथै छलफलका रूपमा वतावरीय तथा सामाजिक व्यवस्थापन योजना तथापीको लागि छलफल तथा सुझाव अंकन गर्ने कार्य सम्पन्न गर्दियो । उक्त सम्बन्धमा बिना कमेन्टको उपस्थित रहेको छ ।

१.) अनन्त लिम्बू	वडा अध्यक्ष	
२.) युनियन अध्यक्ष	कीमल ईजिमा	
३.) धार्मिक बाई	- स्थानीय	सुमिता
४.) सिला देवी गुप्ता	- "	सुमिता
५.) अनिता बि. क		अर्पिता
६.) अर्पिता राई		करी
७.) करी पात्रा सुब्बा		सुमिता राई
८.) सुमिता राई		रिका
९.) रिक पात्रा सुब्बा		सुब्बा
१०.) सिला रा. तामाङ		करी
११.) सुब्बा रा. तामाङ		
१२.) सुब्बा सुब्बा		
१३.) कजला कि. क.		
१४.) सुब्बा रा. तामाङ		
१५.) दिया राई		
उद्द गहन प्रतिनिधि		
१.) किरीय पौडेल	- सामाजिक सुरक्षा विज्ञ -	किरीय
२.) धार्मिक सुब्बा	- ईजिमा	

आज पाणि उल्लेखित महाकुशवस्त्रो उपस्थितता गल्को इलमल
 १.) यस शुन्फरहेँचा नगरपालिकाको वडा नं. ३ मा पर्ने
 सल्लावित महेश्वर सुब्बा मार्ग हुँदै जातीकोडा सडक
 वरिष्ठको क्षेत्रिकाल ४२ फिट गिब पहिलोको कायम गल्को इलमल
 वारी वनाडोला कुनै समस्या, वाधा विरीध नहुने र त्यहि
 लक्षणा विस्तृत परियोजना प्रतिवेदन (RPP) तथा निर्माण
 विज्ञाप गर्थी।

२.) सडक निर्माण गर्दा औजारको पहिलो साधकता स्थापित
 वासिन्दा हलवाइ दिइ पर्ने समस्यामा विस्तृत इलमल
 गर्दियो।

३.) यस सल्लावित सडक पाणि इलमल गर्दा शुन्फरहेँचा
 नगरपालिका वडा नं. ३ को सडक हलौदनगति गर्दा आयोजना
 कायोजना चरणमा हुनकाले हुन सक्ने सामाजिक र वातावरणीय
 पक्षको समस्या लैजाओला वनी इलमल गर्थी।

४.) सडक निर्माणक रूपमा हुन सक्ने हुना, वायु प्रदुषण
 जस्ता समस्याक र त्यसको निवारण समस्यामा विस्तृत
 इलमल गर्दियो।

निर्माण विभाग
 (आयोजना)

निर्माण विभाग
 (आयोजना)

निर्माण विभाग
 (आयोजना)

निर्माण विभाग
 (आयोजना)

Public Consultation meeting minutes

Stakeholders Consultation
Nepal Urban Governance and Infrastructure Project (NUGIP)
ESIA and ESMP of Maheshwor Subba Marg - Lattihjoda Road of Sundarharaicha Municipality,
Morang
Attendance Sheet

Date: 2080/03/11 Venue: गुम्वा रोल विकास (ने.पा), फु.ह. रा

Attendees:

S.N.	Name	Organization/Title	Contact No.	Signature
१	लोकेश्वर श्रेष्ठ	अध्यक्ष- गुम्वा रोल	९८११०२९९६९	[Signature]
२	माननाथ चापागाई	उपाध्यक्ष- " "	९८१४४९३३६६	[Signature]
३	लक्ष्मी क. चापागाई	सचिव- " "	९८२३६६४८९९	[Signature]
४	चन्द्र कु. तामाङ	सदस्य- " "	९८११०२४६६०	[Signature]
५	प्रदिप तामाङ	सदस्य- " "	९८१३३८६३२६	[Signature]
६	विन्दु तामाङ	" "		[Signature]
७	पद्म कु. श्रेष्ठ	" "		[Signature]
८	नेपाल गु. गुम्वा	" "	९८१६९६६९६६	[Signature]
९	नरेश लिम्बु	" "		[Signature]
१०	सिनाता श्रेष्ठ	" "		[Signature]

Suggestions:

- सडक सडको र गुणस्तरपि बढुपर्नेछ ।
- आसोपनामा लागि गुम्वा रोल विकास संस्थाको साथ युताय लिएकोमा चर्चा खुलि बाग्ने ।
- सबैका र सोडर मान सबै सडक निर्माणको क्रममा चर्चा फाईला पुग्नेछ ।
- सरिवा निवासेको सहिवा बाबुआरनी पासापा न सडको सिको सडक बनाउनुपर्नेछ ।

Consultations with IPs, Ward-6, Dipu tole

Stakeholders Consultation
Nepal Urban Governance and Infrastructure Project (NUGIP)
ESIA and ESMP of Maheshwor Subba Marg - Lattihjoda Road of Sundarharaicha Municipality,
Morang
Attendance Sheet

Date: २०७०/०३/१२ Venue: डिपु टोले

Attendees:

S.N.	Name	Organization/Title	Contact No.	Signature
1)	Arun Rai		9812837359	
2)	Nabin Mathi	Labour	9826392604	-नरिण
3)	Bikram Rishidev	Labour	-	
4)	Bindre Uraw		-	
5)	Ram Rishidev	Labour	9815323198	
6)	Nagesh Rishidev	Labour	-	
7)	Man B. Rai		9812837359	Man
8)	Sakuntala Rishidev		-	
9)	Nabin Tamang		9807377847	
10)	Dil B. Yonghang	Farmer	9807399465	

Suggestions:

→ धेरै नयाँ बाटो बन्द, अथवा पाटो बाटो बनाउनुपर्ने ।

→ यो बाटोमा सडक सञ्चालनका लागि योजनाको अभावमा
 किल्लापर्ने ।

→ यो सडक उपभोगकर्ता समूहको समन्वय गरिनु पर्ने
 कौमका स्थानिय बाजी बन्दलाई धेरै जोडिनु पर्ने थियो ।

Consultations with IPs, Ward-6, Gumba tole

Stakeholders Consultation
Nepal Urban Governance and Infrastructure Project (NUGIP)
ESIA and ESMP of Maheshwor Subba Marg - Lattihjoda Road of Sundarharaicha Municipality,
Morang
Attendance Sheet

Date: २०८०/३/१८ Venue: ऊँसाङ्गे रेडुम गुम्बा

Attendees: सुन्दरहोर्चा - ६ वार्ड:

S.N.	Name	Organization/Title	Contact No.	Signature
१	प्रकाश नामाङ्ग	अध्यक्ष	९८१६३१७७९	[Signature]
२	सुरतोष को प्रोत्साहन	सचिव	९८१३९१६७१३	[Signature]
३	पद्म माया नामाङ्ग	अध्यक्ष	९८१६३१२५७८	[Signature]
४	सुधी को नामाङ्ग	सह-सचिव	९८११०६१५५२	[Signature]
५	मानु को नामाङ्ग	उप-अध्यक्ष	९८२५९८६०५	[Signature]
६	शान्ति नामाङ्ग	अध्यक्ष		[Signature]
७	प्रतिभा नामाङ्ग	कोषाध्यक्ष	९८११३१७२९८	[Signature]
८	प्रद्वि नामाङ्ग		९८१३३९५११५	[Signature]

Suggestions:

- ⇒ सडक राम्रो गुणस्तरमा बनाउनु पर्नेछ
- ⇒ लकनिमी गुम्बाको भवन लई पनि वसोको हेडमा फेरी लगाउनु पर्नेछो वसो वसोको गुम्बामा खुलो खुवा उने भएकोले पानी को व्यवस्था गरिनु पर्नेछ
- ⇒ साँघो ऊँसाङ्गे रेडुम गुम्बा को वसो ९२ फिट बनिय, इ सो वसोमा साँघो गुम्बाले वसोभकोथ गर्ने देन

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Attendance Sheet

Date: 2080/03/24 Venue: Sundarpur Khanepani Tatha Sunabta Upbhojya

Attendees: Samit, Ward No. 6

S.N.	Name	Organization/Title	Contact No.	Signature
1.	Nagesh Pokhrel	president	9852046219	
2.	Laxman Tamang	pump operator	9842480276	
3.	pooraj G.P.	sa. le. pr	9898316929	
4.	chhatra Bar Limbu	plumber	9807361929	
5.	power Tamang	Meter Reader	9827251658	
6.	Dinesh Tamang	local	9823192182	
7.	Pikaram Biswakarma	local	9825903813	
8.	Shivraj Chaudhary	ward member	9842065067	
9.	Pej Bahadur Thapa	local	9819897591	
10.	Manmaya Sinakha	..	989378551	

Suggestions:

- यस सडक उप-आयोजनाबाट, खांबेपानी, ढुङ्गा काँडा विरूद्ध घर भग्ना, आगोला कुर्ने पानी आसुरूपते गर्दि विन्च-विन्चको कडि. गएको हाँउआ दुतफुट गएका आयोजनाको प्रभाव गर्ने व्यवस्था गरिनु पर्ने।
- यो सडक आयोजना गर्ने हल्ला मात्र भएको तर हालतमा पनि खनना कामको व्यवस्था था गफा सिधु राँउ सडककाउनु पर्ने।
- यो सडकका आयोजनाको कोट ४६ फिट था यतमा केही कार्य कुनै खासता लैनु कुनै पानी घर बसचनार्ह पढेन कार्यको जिम्मेको पार्जनका कुनै पानी आसा पढेन, कुनै पानी कुनैपढेन।

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Attendance Sheet

Date: 2080/02/31 Venue: Sundarharaicha Municipality - 06, ward office

Attendees:

S.N.	Name	Organization/Title	Contact No.	Signature
1.	Santosh Lingden	ward chairman	9839029503	
2.	Pralata Chandrag		9807941252	प्रलता
3.	seeta Baral		984276674	सीता
4.	Narmaya Tamang			नरमा
5.	राज्य पाण्डे			राजा
6.	Anand Kumar Diki	ward member	9810468925	अनंद
7.	Geeta Mishra	" "	9817385271	गीता
8.	shushila Rauti		9814342322	
9.	Parvita Rai	" "	9842179252	
10.	gununa Adhikari		9852059999	गुनुना

Suggestions:

- १) यस सडकमा पल्क-पल्क सार्व मात भएकै हाल यस सडकमा कुनै काम नभएको।
- २) प्रधानी माडो पल्क बन्दु पार्ने,
- ३) यो महेश्वर खुवा मार्ग सडकको आवेका २ क्षेत्र १२ सहर न्याय्य बरेको हुदा हाल कुनै पनि चार खरचताहरु र टहराहरु नपार्ने हुदा सिर्जनाको क्रममा ध्याने नहुने।
- ४) महिला बिंसा सम्बन्धी मुल मुल चलना मात्र हुने महिला बिंसा, वारेण बिंसा, करण आदि सम्बन्धी मुलमा नपार्ने र बिंसा माफत कार्रवाही लाग्ने बदाउने।
- ५) यस सडक उपआयोजनाको बगेरने यत्रने ६ र २ वडा नं. ६ मा बिंसा बिंसा, येनीबिंसी बय विरवने सम्बन्धी माडोनेपाक, क्रोके नेपाक, माडोने नेपाक पल्ता संस्थापने काम गर्नेको।

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Morang
Attendance Sheet

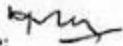
Date: २०८०।०३।०५ Venue: Khorjanigpur Chok, Ward No. ६

Name: Parshuram Rai

Occupation/Organization: स्व.वि.सं.

Comments/Suggestions:

- धेरै भन्ने वारी वार्ड सुम्पु हुन् वारी वार्ड भन्ने भन्ने वारी चार्ज बन्नु वनाडु पछि।
- वारी नवनेकाली खुली भन्ने इन्ने भन्ने वारी वा हिज नि लपछा हुन्।
- वारी वनाडु किच वारी वार्ड वरावप गरी वारी वनाडु पछि।
- वारी वनाडु अलकतरा वनाडु वेला वलीवार्ड हाहा राखि वनाडु पछि।

Signature: 

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Attendance Sheet

Date: २०८०/३/११ Venue: शिवालय टोल

Name: दुवा कुमारी विद्यार्थी

Occupation/Organization: मेलपिलाप केन्द्र, लहल्य, वडा १.६

Comments/Suggestions:

१. यो बाटो बन्द भएकै वडावासीहरू खुसी भएकै छैनैपछि
ओ तर जसले पनि ठिकाल हुनुपर्ने छ। तर अब फेरि
बाटो बन्द भएकै अनैको सुन्दा वडावासीहरू हर्षित हुनुभएको
छ वडा वासीहरूको खुसीनै जन्तहरूको जनश्रीतनीहरूको
खुसी हो। त्यसैले सबैसँग बाटो बनाउनु।
२. बाटो बनाउदा सडक लगी बनी राखीयोस।
३. बाटो बनाउदा अलकत पोलिन्ड त्यो अलकतको
धुलोले वडावासीहरूलाई असर लाग्ने गरेकै काम गरियोस।
४. य सुन्दर रूया न्यायालिक वडा नं: ६ को महेश्वर मार्ग
बनाउदा खेरी यही वडाका वडावासीहरूको रोजगार
पाउन।
५. बाटो बनाउदा यस वडामा जसको पानीलाई
Signature: विपकी निकाला पनि गरियोस।

पुष्पा

Stakeholders Consultation
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Morang
Attendance Sheet

Date: 2086/03/11 Venue: Shivalaya Tole, Ward no. 6
Name: Sita Devi Gurung
Occupation/Organization: स्थानिय

Comments/Suggestions:

- धेरै मात्रो वारी बलिकु न वारी आग कनेस हुन अन पति वारी पडि कनुपयौ।
- वारी कनाडा centre line वार कडाक दिला क गेद किला क गनुपयौ
- वारी जलरी गर पनि वल पयौ।
- Row clean क केही समस्या आर धमी सहयोग गेडा।

सिता

Signature:

Meeting minutes with locals including women and IPs.

आज मिति २०८०/०२/०९ गतेको दिन यस मुल्करहैया
 मागया विकास संचालन भैरहेको महेश्वर सुब्बा मार्ग
 नाविशोता कडको उपभोगमा अन्तगत वातावरणिय
 तथा सामाजिक आवश्यकताको लागि
 यस मुल्करहैया व.पा. कार्.नं. ६ का वडा अध्यक्ष श्री
 कान्तोष बिस्नेल ज्यूको अध्यक्षतामा तयसिका समिति
 वरिष्ठारवातावरणको उपस्थितिमा बैठक बसि निम्न
 सल्लाह सुझाव र तय्याङ्क बसकबगते कार्य सम्पन्न
 गरियो।

उपस्थित

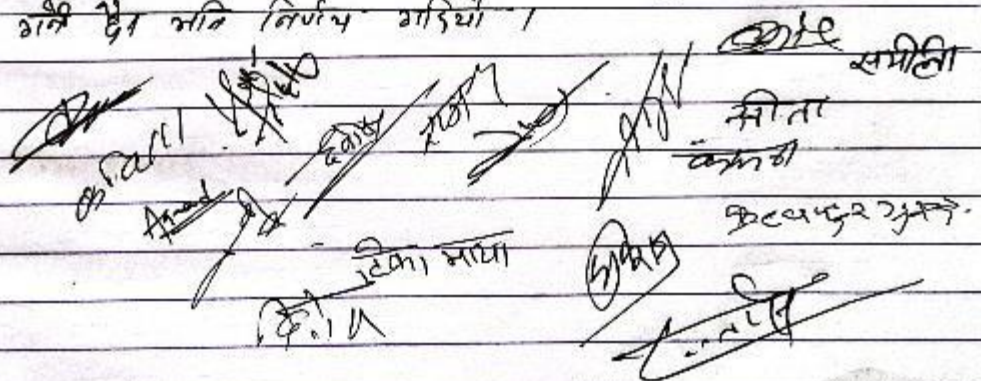
- | | | | |
|-----|------------------------|-----------------------------|---------------|
| १. | कान्तोष बिस्नेल | वडा अध्यक्ष मुल्करहैया-६ | स.स. |
| २. | नेत्रवहादुर प्रधान | " | " |
| ३. | शिवराज चौधारी | " | " |
| ४. | सिता मिश्र | " | " |
| ५. | तुला कुमारी विश्वकर्मा | " | " |
| ६. | नानाश्री बिस्नेल | स.स.को अध्यक्ष मुल्करहैया-६ | स.स. |
| ७. | सुबिला चौधरी | सु.स.को अध्यक्ष | - ६०००/० |
| ८. | परिमला राई | सु.स.को अध्यक्ष | परिमला |
| ९. | निर्मला रापात्रा | सु.स.को अध्यक्ष | निर्मला |
| १०. | पुलमात्रा तामाङ | | पुलमा |
| ११. | प्रलता चौधारी | | प्रलता |
| १२. | नेत्रात्रा तामाङ | | नेत्रात्रा |
| १३. | सिता वराल | | सिता |
| १४. | माया परिभार | | माया |
| १५. | आनन्द कुमारी बिस्नेल | सु.स.को अध्यक्ष | अनन्द बिस्नेल |
| १६. | सु.स.को अध्यक्ष | | सु.स. |
| १७. | पुलमात्रा तामाङ | | पुलमात्रा |
| १८. | पुष्पा राई | | Pusa |
| १९. | ललिता कुमारी | | ललिता |
| २०. | इश्वरी नेपाल | | इश्वरी |
| २१. | | | |

प्रस्तावले,

- १) महेश्वर बुद्धा मार्ग हुँदै लारीकोडा जोडी सडकको विस्तृत परिचोजना प्रतिवेदन (DPR) अन्तर्गत सम्बन्धमा
- २) सडक अधिकार क्षेत्र (COI) सम्बन्धमा

निर्णय,

- १) प्रस्ताव नं. १ माथि दस्तावेज गर्दा सुन्दरहरीया नगरपालिका वडा नं. ६ को सडक अर्वाणता गर्दा आयोजना कार्यको चरणमा हुनसक्ने हुन सक्ने सामाजिक र वलावदणीय पक्षमा सम्बन्धमा लेखाजोखा गर्दै दस्तावेज गर्दा ।
 - २) प्रस्ताव नं. २ का सम्बन्धमा दस्तावेज गर्दा सुन्दरहरीया नगरपालिका महेश्वर बुद्धा मार्ग हुँदै लारीकोडा सडक अन्तर्गत पर्ने सडक अधिकार क्षेत्र अन्तर्गत ४५ फिट कायम गर्दा विस्तृत परिचोजना प्रतिवेदन (DPR) तयार गर्ने भनि निर्णय गरियो ।
- २ उक्त सडक अधिकार क्षेत्र अन्तर्गत धर धरचना र अरु विकल्पको लागि नहुने भएकाले यस क्षेत्रको सम्पूर्ण स्थानिय वासीहरूले आयोजना अर्वाणता कुनै पनि बाधा विशेष गर्ने हुन भनि निर्णय गरियो ।



 सतीता

 सीता

 कर्मारी

 देवप्रसाद शर्मा

 देवप्रसाद शर्मा

 देवप्रसाद शर्मा

आज मिति २०७३/०३/१८ गतेका दिन यस सुन्दरहीचा नगरपालिकामा स्थापना भईरहेको नेपाल खासकिस पुर्वाधार योजना (NUPJP) अन्तर्गत यस महेश्वर सुब्बा मार्ग हुँदै जारी भइरहेको सडक आयोजनाको सामाजिक र वातावरणीय व्यवस्थापन तथापीसी लागि यस कं साङ्गे रेसुम ग्रुप समितिको अध्यक्ष प्रकाश तामाङ ज्यूको अध्यक्षतामा बैठक बसी निम्न विषयहरूमा छलफल गरियो।

उपस्थिति,

- | | | |
|---------------------------------|---------------------------------|-----------------------------------|
| १) श्री प्रकाश तामाङ | कं साङ्गे रेसुम ग्रुप - अध्यक्ष | <i>Prakash Tamang</i> |
| २) श्री मान बहादुर तामाङ | " " " " - उपअध्यक्ष | <i>Man Bahadur Tamang</i> |
| ३) श्री खल्लुष के मुस्ताङ तामाङ | " " " " - सचिव | <i>Khullush Ke Mustang Tamang</i> |
| ४) श्री पुर्ण कठ तामाङ | " " " " - सहसचिव | <i>Purna Khat Tamang</i> |
| ५) श्री सोमो अरिजिता तामाङ | " " " " - कोषाध्यक्ष | <i>Somo Arjita Tamang</i> |
| ६) श्री पद्म पाषा तामाङ | " " " " - सदस्य | <i>Padm Pasha Tamang</i> |
| ७) श्री सोमो देवान् विजि तामाङ | " " " " - सदस्य | <i>Somo Devan Viji Tamang</i> |
| ८) श्री अमानन्द शर्मा | DSC-Engineer | <i>Amanand Sharma</i> |
| ९) श्री खल्लुष शाह | " " " | <i>Khullush Shah</i> |
| १०) श्री विनायक पोडेल | सामाजिक सुदुरा मित्र-DSC | <i>Vinayak Poudel</i> |
| ११) श्री तेज बहादुर प्रधान | वडा सदस्य-६ | <i>Tej Bahadur Pradhan</i> |
| १२) श्री गिता मिश्र | " " " | <i>Gita Mishra</i> |
| १३) श्री प्रदिप तामाङ | " " " | <i>Pradip Tamang</i> |
| १४) श्री चन्द्र कुमार तामाङ | " " " | <i>Chandra Kumar Tamang</i> |

प्रस्तावहरू,

- १) महेश्वर सुब्बा मार्ग हुँदै जारी भइरहेको सडकको विस्तृत परिचोजना प्रतिवेदन (DPR) अर्घ्यन सम्बन्धमा,
- २) सडक अखिला क्षेत्र (COI) सम्बन्धमा

निर्णयहरू,

- १) प्रस्ताव नं. १ माथि छलफल गर्दै सुन्दरहीचा नगरपालिका वडा नं. ६ को सडक स्वीकृतिका लागि आवश्यक कार्यालय चलायमा हुनेछ
- हुन सक्ने सामाजिक र वातावरणीय पक्षको सम्बन्धमा लेखागोटा

वारे दृश्यफल गर्पा /


१) प्रस्ताव नं. २ का अन्तर्गतमा दृश्यफल गर्पा सुन्दरहरािचा नगरपालिकाका महेश्वर बुद्धा मार्ग हुने बायीमोडासम्म अन्तर्गत पर्ने एक अद्विका क्षेत्र गिर्वाइ ४५ फिट माथम भए विद्वत परिषद्गता अतिक्रम (उ.प्र.) तथा गर्ने भनि निर्णय गर्दियो र उक्त सडक अद्विका क्षेत्र गिर्वाइ ५५ फिट रेखुम गुप्ता, जतिगल धर अतिक्रम र सडक विरुवाको छति गर्नु भएकोले यस क्षेत्रको सम्पूर्ण कुं लको रेखुम गुप्ता समिल्लै उद्योगता संभालतमा कुं ल पने वाधा विरोध गर्नु हुन भनि निर्णय गर्दियो।

(Handwritten signatures and stamps)

Letter from Siddhartha Community Forest User Group

पान नं. ६०५५२१७८२

दर्ता नं. MOR/LA/56/01

 "रुख रोपी पर्यावरण जोराजी।"
सिद्धार्थ सामुदायिक वन उपमोक्ता समुह
सुन्दरहरैचा - ६ मोरङ
स्थापित - २०५५

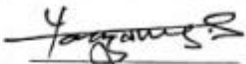
प.सं. ०८०/०८१
च.नं. २४

मिति: - २०८०/०६/२८ गते

श्री नेपाल शहरी शासकिय तथा पूर्वाधार आयोजना
बबरमहल, काठमाडौं


विषय: - सिफारिस गरिएको बारे।

उपरोक्त सम्बन्धमा विश्व बैंकको आर्थिक सहयोग र नेपाल शहरी शासकिय तथा पूर्वाधार आयोजना मार्फत सुन्दरहरैचा नगरपालिकाको वडा नं. ६ मा आयोजना (NUGIP) बाट कार्यान्वयन गरिने प्रस्तावित महेश्वर सुब्बा मार्ग देखि लाटिभोडा सडक (५.०३० कि.मि.) कार्यान्वयन चरणमा पुगेको र उक्त आयोजना सन्चालन हुने क्षेत्र यस सुन्दरहरैचा नगरपालिका वडा नं. ६ मा पर्ने श्री सिद्धार्थ सामुदायिक वनको क्षेत्र आयोजना क्षेत्रको ROW भित्र नपर्ने साथै कुनै किसिमको बाधा विरोध नभएको व्यहोरा सिफारिस साथ अनुरोध गरिन्छ।


अध्यक्ष
(प्रकाश तामाङ)
सि. सा. व. उ. स.

Letter from Hariyali Community Forest User Group

दस्तावेज नं. MOR/LA/56/03 "स्व रोपो, वन जोयाओ" पान नं. ६०३६०९३८१

 हरियाली सामुदायिक वन उपभोक्ता समुह
सुन्दरहरैचा-५ र ६ मोरङ
स्था: २०५६

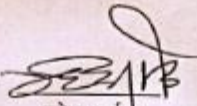
प.सं. २०८०/०८१
च.नं. २१

मिति २०८०/०६/३०

विषय : सिफारिस सम्बन्धमा ।

श्री नेपाल शहरी शासकयि तथा पुर्वाधार आयोजना
ककरमहल ,काठमान्डौ ।

उपर्युक्त सम्बन्धमा विश्व बैकको आर्थिक सहयोग र नेपाल शहरी शासकीय तथा पुर्वाधार आयोजना मार्फत सुन्दरहरैचा नगरपालिका वडा नं. ६ मा आयोजना (NUGIP) बाट कार्यान्वयन गरीने प्रस्तावित महेश्वर मुठ्या मार्ग देखी साठीभोडा सहक (५.०३०) कि.मी. कार्यान्वयन चरणमा पुगेको र उक्त आयोजना सञ्चालन हुने क्षेत्र यस सुन्दरहरैचा नगरपालिका वडा नं. ६ मा पर्ने हरियाली सामुदायिक वन उपभोक्ता समुह वनको क्षेत्रको ROW भित्र नपर्ने कुनै किसिमको बाधा विरोध नभएको व्यहोरा सिफारीस साथ अनुरोध गरिन्छ ।


महेश राई
अध्यक्ष
ह.सा.व.उ.स.

Annex III: Proposed Typical Cross Sections

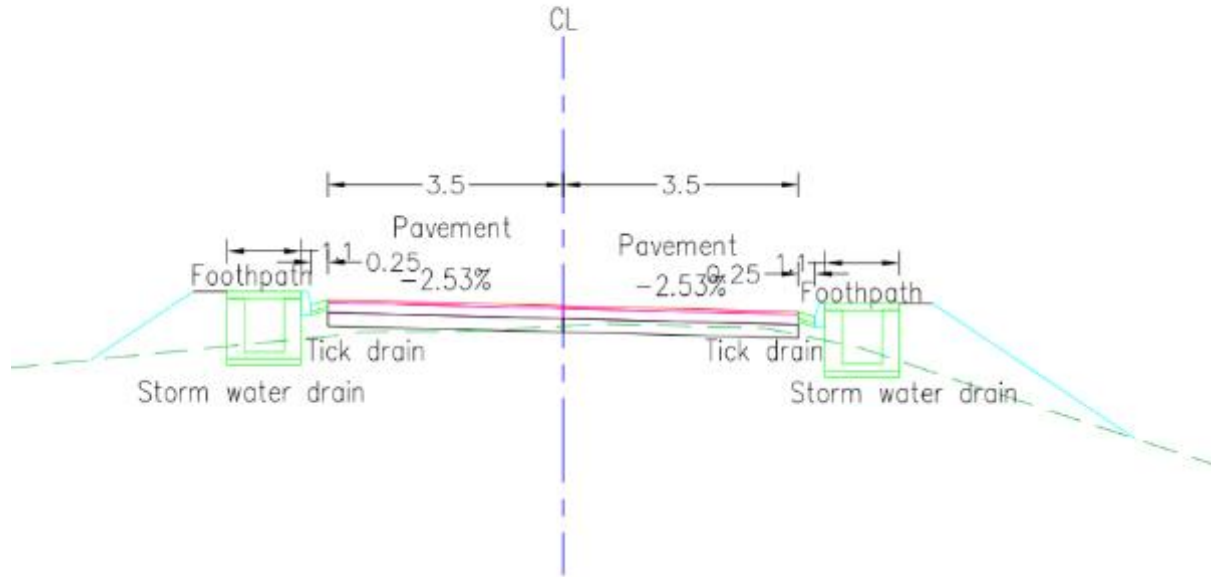


Figure: Proposed Cross section of Maheshwor Subba Marga Sadak

Annex IV: GoN Permissible Environmental limits/standards

(A) National Drinking Water Quality Standard, 2079 BS

A-1: Mandatory Parameters to be tested

SN	Parameters	Unit	Limits	Remarks
	Physical			
1	Turbidity	NTU	5	
2	pH		6.5 - 8.5	
3	Colour	TCU	5	
4	Taste & odour		Unobjectionable	
5	Electrical Conductivity	μS/cm	1500	
	Chemical			
6	Iron	mg/L	0.3 (3)	
7	Manganese	mg/L	0.20	
8	Arsenic	mg/L	0.05	
9	Fluoride	mg/L	0.50 - 1.50 (Min. - Max.)	
10	Ammonia	mg/L	1.50	
11	Chloride	mg/L	250	
12	Sulphate	mg/L	250	
13	Nitrate	mg/L	50	
14	Copper	mg/L	1	
15	Zinc	mg/L	3	
16	Aluminum	mg/L	0.20	
17	Total Hardness	mg/L	500	
18	Residual Chlorine	mg/L	0.10 - 0.50 (Min. - Max.)	
	Microbiological			
19	E-Coli	(CFU/10 ml)	0	

A-2: Additional Parameters to be tested based on Risk and Requirement

SN	Parameters	Unit	Limits	Remarks
	Physical			
1	Total Dissolved Solids	mg/L	1000	
	Chemical			
2	Calcium	mg/L	200	
3	Lead	mg/L	0.01	
4	Cadmium	mg/L	0.003	
5	Chromium	mg/L	0.05	
6	Cyanide	mg/L	0.07	
7	Mercury	mg/L	0.001	
8	Nitrites	mg/L	3	
	Microbiological			
1	Total Coliform	(CFU/10 ml)	0 (In 95% samples)	

(B) National Ambient Air Quality Standard, 2069 BS

Parameters	Units	Averaging Time	Concentration in Ambient Air, Maximum
TSP	µg/m ³	24 - hours	230
PM ₁₀	µg/m ³	24 - hours	120
PM _{2.5}	µg/m ³	24 - hours	40
Sulfur Dioxide	µg/m ³	Annual	50
		24-hours	70
Nitrogen Dioxide	µg/m ³	Annual	40
		24-hours	80
Carbon Monoxide	µg/m ³	8hours	10000
Lead	µg/m ³	Annual	0.5
Benzene	µg/m ³	Annual	5
Ozone	µg/m ³	8-hours	157

Ref.: Section 62, Number 19, Nepal Gazette, Part 5, 2069/04/29, Notice 2

(C) National Sound Pressure Level, 2069

Microenvironment	Sound Pressure Level, L _{eq} dB(A)	
	Daytime	Nighttime
Industrial Area	75	70
Commercial Area	65	55
Rural Settlement Area	45	40
Urban Settlement Area	55	50
Mixed Settlement Area	63	55
Pristine Area	50	40

Ref.: Section 62, Number 30, Nepal Gazette Part 5, 2069/7/13

(D) Diesel Powered Generator Emission Limits (g/kWh), 2069

Category, (kW)	CO	HC	NO _x	PM
kW < 8	8	1.3	9.2	1
8 = kW < 19	6.6	1.3	9.2	0.85
19 = kW < 37	6.5	1.3	9.2	0.85
37 = kW < 75	6.5	1.3	9.2	0.85
75 = kW < 130	5	1.3	9.2	0.7
130 = kW < 560	5	1.3	9.2	0.54

Ref.: Section 62, Number 30, Nepal Gazette Part 5, 2069/7/13

The minimum height of the chimney should be maintained not less than 11m for the industrial boiler utilizing solid or liquid fuel.

Annex V: Air, Noise, Water Quality Test Reports



**ENVIRONMENT MANAGEMENT
&
ANALYSIS SERVICES P. LTD**


Regd No.: 127787/071/72
Jwagal, Lalitpur, Nepal
GPO Box No.: 8975, EPC 5296
Contact No.: 977-01-47690266, 9851126060
Email: emas@emas.com.np, emasenv@gmail.com
Website: emas.com.np


ANALYSIS REPORT FOR AMBIENT AIR QUALITY

Report Number	14A/080-81		
Sample Number	11A/080/81		
Client	GOEC Nepal P Ltd, C2TECH Pvt Ltd, GIDA Nepal P Ltd, BEAM Consult P Ltd, COEMANCO NEPAL (P) Ltd JV, Kathmandu		
Sampling location	Sundar Haraicha Municipality, Ward No. 5 Maheshwor Subba Marg Sadak (5+075)	GPS Point: 26°40'6.80"N 87°19'1.04"E	
Project	Consulting Services for Design and Supervision Consultant (DSC) Sundarharaicha, Design and Supervision Consultancy for Nepal Urban Governance and Infrastructure Project (NUGIP)		
Sampled by	Environment Management And Analysis Services P. Ltd., Dillibazar, Kathmandu		
Sampling Date	05 - 06 September 2023		
Report Date	20 September, 2023		
Instrument used	Respirable Dust Sampler (GTI 151) and Combined Sampler (GTI 241)		
Result			
Parameter	NAAQS *	Observed Values	Method
TSP ($\mu\text{g}/\text{m}^3$)	230.0	146.8	IS 5182 (Part 14)-2000 (reaffirmed 2005)
PM ₁₀ ($\mu\text{g}/\text{m}^3$)	120.0	68.4	IS 5182 (Part -23):2006
PM _{2.5} ($\mu\text{g}/\text{m}^3$)	40.0	26.2	IS 5182: Part 24: 2019
SO ₂ ($\mu\text{g}/\text{m}^3$)	70.0	5.8	IS 5182 (Part 2)-2006
NO ₂ ($\mu\text{g}/\text{m}^3$)	80.0	9.3	IS 5182 (Part 6)-2006
CO ($\mu\text{g}/\text{m}^3$)	10000.0	<230.0	IS 5182 (Part - 10):2006

* - National Ambient Air Quality Standard, 2069, ** - National Ambient Air Quality Standard for TSP for Crusher Industry, IS - Indian Standard

Remarks: The observed values are within the prescribed limit of NAAQS.


Sampled by


Checked by


Authorized by

 Environment Management
&
Analysis Services P. Ltd



**ENVIRONMENT MANAGEMENT
&
ANALYSIS SERVICES P. LTD**

Regd No.: 127787/071/72
Jwagal, Lalitpur, Nepal
GPO Box No.: 8975, EPC 5296
Contact No.: 977-01-47690266, 9851126060
Email: emas@emas.com.np, emasenv@gmail.com
Website: emas.com.np

ANALYSIS REPORT FOR AMBIENT NOISE LEVEL

Report Number	16/N/080-81	Sample Number	12-N/080/81								
Sampling Date	05 - 06 September 2023										
Client	GOEC Nepal P Ltd, C2TECH Pvt Ltd, GIDA Nepal P Ltd, BEAM Consult P Ltd, COEMANCO NEPAL (P) Ltd JV, Kathmandu										
Sampling location	Sundar Haraicha Municipality, Ward No. 5 Maheshwor Subba Marg Sadak (5+075)	GPS Point: 26°40'6.80"N 87°19'1.04"E									
Project	Consulting Services for Design and Supervision Consultant (DSC) Sundarharaicha, Design and Supervision Consultancy for Nepal Urban Governance and Infrastructure Project (NUGIP)										
Sampled by	Environment Management And Analysis Services P. Ltd., Dillibazar, Kathmandu										
Report Date	20 September, 2023										
Instrument used	LUTRON SL - 4033SD										
Test method	Noise Measurement Protocol (Central Pollution Control Board, India)										
Hours	Time	Noise Level (dBA)			Hours	Time	Noise Level (dBA)				
		Lmax	Lmin	Leq			Lmax	Lmin	Leq		
06:00 - 07:00	Day	53.4	43.6	47.8	18:00 - 19:00	Night	58.2	46.3	51.7		
07:00 - 08:00		51.2	44.5	49.6	19:00 - 20:00		56.8	44.2	49.8		
08:00 - 09:00		68.2	51.2	54.4	20:00 - 21:00		52.8	42.0	50.3		
09:00 - 10:00		69.5	49.3	51.4	21:00 - 22:00		50.3	41.6	47.5		
10:00 - 11:00		67.4	48.9	51.8	22:00 - 23:00		50.8	41.8	46.6		
11:00 - 12:00		64.5	53.2	54.6	23:00 - 00:00		51.1	41.3	45.8		
12:00 - 13:00		65.3	51.9	58.2	00:00 - 01:00		50.3	40.1	44.3		
13:00 - 14:00		68.2	50.5	59.8	01:00 - 02:00		50.8	40.5	44.8		
14:00 - 15:00		76.4	53.2	55.2	02:00 - 03:00		50.1	42.6	45.4		
15:00 - 16:00		66.5	51.4	54.2	03:00 - 04:00		56.7	42.8	44.1		
16:00 - 17:00		67.6	51.1	55.1	04:00 - 05:00		55.8	44.6	48.3		
17:00 - 18:00		66.4	48.3	53.8	05:00 - 06:00		56.7	43.8	47.6		
Leq average (Day)				53.8	Leq average (Night)				47.2		
Permissible limit *				55.0	Permissible limit				50.0		

dBA - A-weighted decibels, Lmax : Maximum Sound Level, Lmin: Minimum Sound Level

* - Noise Level Standard 2069, category urban residential area.

Remarks: The equivalent noise level during day and night hours comply with the permissible limit in reference to noise level standard 2069, under category of urban residential area.

Sampled by

Checked by

Authorized by

**Environment Management
&
Analysis Services P. Ltd**



**ENVIRONMENT MANAGEMENT
&
ANALYSIS SERVICES P. LTD**

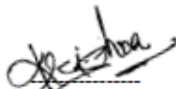
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Jwagal, Lalitpur, Nepal
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Website: emas.com.np

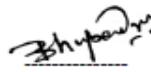
Water Analysis Report

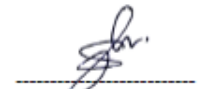
Client: GOEC Nepal P Ltd, C2TECH Pvt Ltd, GIDA Nepal P Ltd, BEAM Consult P Ltd, COEMANCO NEPAL (P) Ltd JV, Kathmandu			Sample Sources: Hand Pump	
Sample Location: Sundar Haraicha Municipality, Ward No. 5 Maheshwor Subba Marg Sadak (5+075)			Owner: Mitra Lal Adhikari	
GPS Point: 26°40'6.87"N 87°19'1.11"E			Year of installation: 2015	
Report No: 18/W/080-81			Depth of hand pump: 25 feet	
Report Date: 20 September, 2023			Sampling Date: 06 September, 2023	
Sampled by: EMAS P. Ltd.			Received Date: 07 September, 2023	
Project: Consulting Services for Design and Supervision Consultant (DSC) Sundarharaicha, Design and Supervision Consultancy for Nepal Urban Governance and Infrastructure Project(NUGIP)			Analysis Period: 07 - 10 Sept, 2023	
Parameters	Unit	NDWQS	Observed Values	Test Methods
pH	-	6.5 - 8.5	6.6	4500-H ⁺ B, APHA, 22nd EDITION
Colour	-	5 (15)	<0.1	2120 B, APHA, 22 nd EDITION
Turbidity	NTU	5 (10)	<1.0	2130 B, APHA, 22nd EDITION
Electrical Conductivity	µS/cm	1500	172.0	2510 B, APHA, 22nd EDITION
Temperature (Lab)	°C	-	23.0	2550 B., APHA, 22nd EDITION
Total Hardness	mg/l as CaCO ₃	500	63.0	2340 C, APHA, 22nd EDITION
Chloride	mg/l	250	6.2	4500-Cl ⁻ B, APHA, 22nd EDITION
Ammonia	mg/l	1.5	0.08	4500-NH ₃ C., APHA, 17 th EDITION
Nitrate	mg/l as NO ₃	50	0.13	4500-NO ₃ - B., APHA, 22nd EDITION
Iron	mg/l	0.3 (3)	0.16	3112 B., APHA, 22nd EDITION
Manganese	mg/l	0.2	<0.02	3112 B., APHA, 22nd EDITION
Arsenic	mg/l	0.05	<0.01	3114 C, APHA, 22nd EDITION
E.Coli	CFU/100 ml	Nil	Nil	9221 C., APHA, 22nd EDITION


NDWQS: National Drinking Water Quality Standard (2079), * - Values are upper and lower limit, (j) - Values are acceptable only when alternative is not available. APHA: American Public Health Association.

Remarks: Observed values of the specified parameters are within the limit of NDWQS.


Analyzed by


Checked by


Authorized Signature

 **Environment Management
&
Analysis Services P. Ltd**

Annex VI: List of Zebra Crossings

SN	Chainage	Width	Nos.	Quantity (Sqm)
1	0+027	3.250	6.000	11.7
2	0+152	3.250	6.000	11.7
3	0+193	3.250	6.000	11.7
4	0+339	3.250	6.000	11.7
5	0+363	3.250	6.000	11.7
6	0+434	3.250	6.000	11.7
7	0+668	3.250	6.000	11.7
8	0+647	3.250	6.000	11.7
9	0+958	3.250	6.000	11.7
10	0+939	3.250	6.000	11.7
11	1+050	3.250	6.000	11.7
12	1+439	3.250	6.000	11.7
13	1+610	3.250	6.000	11.7
14	1+970	3.250	6.000	11.7
15	2+040	3.250	6.000	11.7
16	2+592	3.250	6.000	11.7
17	2+634	3.250	6.000	11.7
18	2+845	3.250	6.000	11.7
19	3+686	3.250	6.000	11.7
20	4+991	3.250	6.000	11.7
21	3+796	3.250	6.000	11.7
22	3+826	3.250	6.000	11.7
23	4+161	3.250	6.000	11.7
24	4+097	3.250	6.000	11.7
25	4+348	3.250	6.000	11.7
26	4+315	3.250	6.000	11.7
27	4+459	3.250	6.000	11.7
28	4+511	3.250	6.000	11.7
29	4+626	3.250	6.000	11.7
30	4+576	3.250	6.000	11.7
31	4+953	3.250	6.000	11.7
32	5+019	3.250	6.000	11.7
33	4+264	3.250	6.000	11.7
34	4+243	3.250	6.000	11.7
35	3+563	3.250	6.000	11.7
36	3+542	3.250	6.000	11.7

Annex VII: Code of Conduct (CoC) on GBV

नेपाल शहरी शासकीय तथा पुर्वाधार आयोजना

कार्य स्थलमा हुने यौनजन्य तथा महिला हिंसा सम्बन्धी आचार सहिता

व्याक्तिगत आचार सहिता

म, यो आचार सहिता पालना गर्नु मेरो दाहित्व हो भनी स्वीकार गर्दछु । म कुनै पनि यौनजन्य तथा महिला हिंसा जस्ता कार्यमा संलग्न हुने छैन । परियोजना को काम को शिलसिलामा यो आचार सहिता पालना गर्न सहमत छु ।

१. म जातजाति धर्म, भाषा, लिङ्ग, उमेर, राजनीतिक वा सामाजिक हैसियत, भौगोलिकता, पहुच, वैवाहिक स्थिती वा अन्य कुनै पनि आधारमा भेदभाव नगरी सबैलाई सम्मानजनक र समान रुपमा व्यवहार गर्नेछु ।
२. सामाजिक सन्जालको प्रयोग गरी अश्लील शब्द, दृष्य सामाग्री वा कार्यलय समय अधिपछी वार्तालाप मार्फत सहकर्म/कामदार लाई यौन दुर्व्याहार गर्ने छैन ।
३. कार्यस्थलमा सिट्टी बजाउने, चुम्बन गर्ने ,व्याक्तिगत उपहार दिने आदि जस्ता कार्य गरी कर्मचारी, सहकर्म/कामदार लाई यौन दुर्व्याहार गर्ने छैन ।
४. कुनै पनि प्रलोभन/ धम्की देखाई (जस्तै पदोन्नती लोभ देखाएर,जागीर नदिने धम्की दिएर शोषण गरेर आदि) यौन दुर्व्याहार पक्षमा संलग्न हुने छैन
५. कार्य समयवाधि भित्र कुनैपनि मर्दिराजन्य तथा लागुपदार्थको सेवन गर्ने छैन ।
६. परियोजका सरोकारवाला वा वरपरका समुदायका सदस्यहरुलाई कुनैपनि म लैङ्गिक हिंसा तथा यौनजन्य दुर्व्याहार गर्ने छैन ।
७. कुनै पनि कर्मचारी/श्रमिक विरुद्ध हिंसा गरिएको दोषी ठहरिएमा प्रचलित सघिय, प्रादेशिक, स्थानीय सरकार वर्ल्ड बैक को कानुन , निती नियम अनुसार सजाय/ दण्डित जरिवाना तिर्न तयार हुनेछु ।
८. कार्य गर्ने शिलशिलामा सम्मानजनक निर्देशनहरुको पालना गर्दछु (वातावरणीय + सामाजिक)
९. मेरो जिम्मेवारी कुशलता र लगनशीलता पुर्वक पुरा गर्नेछु ।

१०. सम्बन्धित कार्यलय /कम्पनीले सन्चालन गरेको विभिन्न प्रशिक्षण कार्यक्रममा सक्रिय रूपमा भाग लिनेछु ।
११. परियोजनाका प्रत्यक्ष लाभदायक सदस्य/समुदायमा यौन दुर्व्याहार/शोषण गर्ने छैन ।
१२. विश्वासनीयता नैतिक उल्लघनको रिपोर्ट गरेमा कुनै कामदार विरुद्ध बदला लिने छैन ।
१३. कार्य स्थलमा लैङ्गिक सम्बेदनशिल भाषाको प्रयोग गर्दछु
१४. कार्यस्थलमा महिला हिंसा तथा यौनजन्य क्रियाकलाप लाई प्रोत्साहन गर्ने खालका गतिविधी गर्न दिने छैन ।
१५. कार्यस्थलमा महिला तथा यौन हिंसा गतिविधीहरूलाई प्रोत्साहन गर्ने छैन ।
१६. १८ वर्षभन्दा मुनिका बालिकाहरूमा कुनै डिजीटल मिडीया मार्फत वा कुनै माध्यमबाट /स्वीकृती लिई वा नलिई यौनजन्य क्रियाकलापमा सहभागी हुनेछैन, यदि नाबालिका स्वीकृती लिई यौनजन्य क्रियाकलापमा गरेमा क्षमा हुदैन ।
१७. परियोजना कार्यन्वयन को बेलामा यौनजन्य दुर्व्याहार /यौन शोषण भएमा वा आचार सहिता उल्लघन गरेमा वडा/ नगरपालिका स्तरमा रहेको गुनासो सुनवाई सयन्त्रमा तुरुन्त निवेदन/जानकारी दिनेछु ।
१८. कार्यस्थलमा कसैले यौनजन्य दुर्व्याहार सम्बन्धी शक्कापद व्यावहार गरेमा वा शक्कापद कार्य गरेमा तुरुन्त टोली प्रमुख /प्रबन्धकलाई जानकारी/निवेदन दिनेछु ।

माथि उल्लेखित आचार सहिता राम्ररी पढे र बुझेको छु र कार्यस्थलमा कडाईका साथ पालना गर्दछु भनी हस्ताक्षर गर्दछु ।

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व्यवस्थापक/टोली प्रमुख

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कर्मचारी/कामदार

Annex VIII: Photographs



FGD in Khorsani chowk, Ward-6



Consultation meeting with Teachers of Haridev basic school



Consultation meeting with Sundarpur Water supply user committee



FGD with women Group at Dipu tole



FGD with community people at ward-6



Consultation meeting with Om Sange Gumba committee



Consultation meeting with community at ward 6

