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

March, 2024

EXECUTIVE SUMMARY

Introduction

The upgrading of 5.075km long Maheshwor Subba Marga road 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. The project alignment does not run through ecologically sensitive area such as protected area, conservation area, wetland, national parks etc

Baseline Information

The subproject is located in Terai area at the altitude of minimum 61.09m and 82.63m at the height of the level from the sea level. The minimum temperature from 18.10 Celsius to maximum 29.4 Celsius as well as the annual rainfall of 1863.9mm. 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. Most of the area of present land use of **Sundarharaicha Municipality** includes forest 20%, cultivated land 69% and built-up/construction area 11%. In the proposed road alignment and Right of Way (RoW), there is no landslide/flood area and other disaster-prone area. The average existing road width is 10m. This route passes through 1.56km of settlement and 3.15km of agricultural land and 0.32km of forest area on either side of the road alignment.

The air and noise quality of surrounding areas is affected by the local city vehicles. The Noise and air quality of project area were tested and found within government Standards. During the construction of the road, vehicular circulation along the road is likely to be disturbed. 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. Trees like Sissoo (*Dalbergia Sissoo*), Bakaino (*Melia azedarach*), Simal (*Bombax ceiba*), Kapur (*Cinnamomum camphora*), Sal (*Shorea robusta*), Khirro (*Sapium insigne*), Ipil (*Leucaena leucocephala*), and bamboo species (*Bambusa vulgaris*) are found in the project area.

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. The project area is inhabited by Brahmin, Chhetri, Newar, Gurung, Senchury, Rai, Limbu, Biswokarma, Chaudhary, Tamang, Pariyar, Darji, Ghale and Mushahsr. In terms of religion, Hindus. Muslims, Christians, Buddist reside in these communities. There is presence of mixed groups of castes and ethnicities in the project area. The indigenous peoples in project area are Newar, Gurung, Rai, Limbu, Chaudhary, Tamang and Ghale. The total households along the road alignment are 166 with total population of 991 having 671 male population and 320 female population. The majority of the people of this area are involved in agriculturally based work, labor work, and foreign employment. Water supply pipelines of

Sundarpur water supply and sanitation user committee provides drinking water supply in this area but no integrated wastewater disposal system in the municipality. Shifting of 85 electric poles has been proposed.

Legal and Regulatory Requirements

The sectoral and cross-sectoral guidelines and standards promulgated by the Government of Nepal (GoN) in various periods are adequate to mainstream the environmental and social safeguard dimensions in the project preparation and implementation phases. The report has included the applicable GoN plan, policies, act, regulations, guidelines, and standards. Similarly, the report has also included the environmental and social Safeguard requirements of the World Bank.

Screening, Scoping, Impact identification, Prediction and Management

The Direct Impact area of the project is considered as the 30m RoW of the subproject for the entire 5.075km length of the road. Similarly, the indirect impact falls within 50 meters from the edge of the RoW. Environmental and social checklists were used for screening and summarizing the overall impacts. The site-specific impacts in construction and operation phases are included in the ESMP report. Some of the impacts include:

Beneficial Impacts from the Project Implementation

This sub project will create job opportunities for local residents by prioritizing employment for the poor, ethnic minorities, and disadvantaged individuals. Other beneficial impacts includes enhancement of local business, improved accessibility and skill development of people. Local people actively participating in construction gain valuable skills and experience. These skills contribute to their personal growth and employability. Road infrastructure plays a crucial role in enhancing accessibility to markets and social services. Improved transportation fcilities lead to a better quality of life for residents in the area. The availability of efficient transportation systems can positively impact education, healthcare, tourism, and other socio-economic sectors. Furthermore, an expanded road network may contribute to increased land values, benefiting the local community.

Adverse Impacts from the Project Implementation

The sudden increase in construction worker can strain public infrastructure and utilities such as roads, water supply, sanitation of project area. Dust, noise, and emissions from construction machinery may likely to contribute to environmental pollution. The disposal of soil, earth material and stockpiling of construction materials might result in erosion during construction and operation phase. Vehicular movement, flowing water on the side drain of the road might cause erosion of soil on adjacent agricultural land. Likewise, improved access road will increase possibility of extraction of firewood and timber of nearby forest. The operation of this road may result in expansion of settlement area and market which may increase encroachment of RoW. Similarly, the increase in dust, smoke and smoke of vehicles can increase air and noise pollution to some extent.

Mitigation Measures

Mitigation measures for this sub project construction are essential to minimize the environmental and social impact and ensure the safety and efficiency of the construction process. The report proposes various measures to enhance benefits and mitigate adverse impacts, aiming to make this project environmentally friendly. Local people will be given priority for employment opportunities. Necessary measures will be taken to reduce the adverse effects on environment. The workers will be insured and provided with first aid

facilities and safety equipments like PPE. For plantation on edge of the road, local species of plant will be given priority. Appropriate bio/civil engineering structues will be adopted to protect the environment and to stabilize the slopes along the road as were applicable. Proper drainage system will be provided to prevent accumulation of water on the nearby agricultural lands during operation. Adequate road safety measures like information and warning signs will be estiblished to minimize road accident.

Sexual exploitation/Assault/Harassment Prevention and response Action Plan

Based on the SEA/SH Risk Assessment checklist and assessment carried out for NUGIP by the World Bank, the Project's SEA/SH risks are assessed to be "Low". An SEA/SH Risk Mitigation Action Plan has been developed for NUGIP based on this assessment and includes specific measures that aim to prevent and mitigate GBV, in particular SEA/SH risks that the project activities might trigger. The Plan has also addressed "Table – 1: Recommended actions to address SEA/SH Risks in IPF Projects" as per the "Good Practice Note" published by the World Bank in September 2018.

There are few issues related to the GBV, SEA/SH were identified from field survey and records of nearby Police Office. Necessary mitigation programs have been planned and will implement during construction of sub project. The most prioritized issues on violence for planning of mitigation program are Domestic violence (physical and mental abuse) and Sexual violence/ Rape.

Environment and Social Management Plan

The Environmental and Social Management Plan (ESMP) has been proposed with this report including issues identified, possible effects and impacts, measures for their mitigation, monitoring methods. The mitigation cost for environmental and social impacts in construction and operation phases are included in report. In addition, agencies responsible for executing environmental and social mitigation measures and monitoring have been identified in the ESMP. Different monitoring indicators on the physical, biological, socio-economic and cultural environment have also been identified. The project along with the stakeholders will monitor during reconstruction and operation phase. Project-related grievances will be addressed through grievance redress mechanism (GRM) established for the project for the uptake and timely response on stakeholders' query and concerns about sub project. Also, for mitigation of GBV, SEA/SH present with in the project area, the necessary orientation, workshops and trainings has been proposed in this ESMP report.

Institutional arrangements

The Ministry of Urban Development (MoUD) has set up a Project Coordination Office (PCO) under the Department of Urban Development and Building Construction (DuDBC) to implement NUGIP. The PCO is responsible for overall project compliance including compliance with environmental and social measures. The PCO will be supported by a Project Management Support Team (PMST). A Project Implementation Unit (PIU) will be established in **Sundarharaicha Municipality** for implementation of the subproject at the local level and will be responsible for implementation of the ESMP and other environmental and social instruments. Technical Assistance will be provided through a Design and Supervision Consultancy (DSC) which includes safeguards specialists.

कार्यकारी सारांश

परिचयः

सुन्दरहरैचा नगरपालिकाको ७.०७७ कि.मी. लम्बाइको महेश्वर सुब्बा मार्ग सडकको स्तरोन्नती कार्य पुर्व पश्चिम राजमार्गको महेश्वर चोक (चेनेज ०+००० मि. र पूर्वान्तर ५३१३५०.७१७ मी. उत्तरान्तर २९४८६९३.८०८ मी., उचाई ६१.०९६ मि.) वाट सुरु भएर लाटिझोडा (चेनेज ५+०७५ मि. र पूर्वान्तर ५३२३३१.७६७ मि. उत्तरान्तर २९५२४५७.८१२ मि., उचाई ८२.६३मि.) मा समाप्त हुन्छ। यो सडक सुन्दरहरैचा नगरपालिकाको बडा न. ६ मा अवस्थित छ। प्रस्तावित उपआयोजनाको सबै खण्ड समतल क्षेत्रमा अवस्थित छ तथा बस्ती र कृषि भूमि हुँदै सडक जान्छ। यस आयोजनाको बाटोको वरिपरिका वस्तीका स्थानीयहरुको जिवनस्तर र जीविकोपार्जनमा सुधार ल्याउनेछ। यस उपआयोजनाले नगरपालिकाको शहरी विकास योजना, पुर्वाधार बिकास र संस्थागत विकासमा नगरपालिकाको क्षमतामा सहयोग पुर्याउने अपेक्षा गरिएको छ ।

विद्यमान अवस्थाः

यो उपआयोजना तराईको समथर भू-भागमा समुद्री सतहबाट न्युनतम ६१.०९ मि. र अधिकतम ८२.६३ मि. उचाईमा अवस्थित छ। आयोजना क्षेत्रको नगरपालिकाको औसत अधिकतम तापक्रम २९.४ डिग्री सेल्सियस र न्यूनतम तापक्रम १८.१ डिग्री सेल्सियस का साथै वार्षिक वर्षा १८६३.९ मिलिमिटर रहेको छ । सडक एलाइनमेन्टले कुनै पनि प्रमुख नदी पार गर्दैन तर गचिया नदी नगरपालिका क्षेत्रको पश्चिमी भागमा बग्छ। सुन्दरहरैंचा नगरपालिकाको हालको भूउपयोगको अधिकांश क्षेत्रफल वन २० प्रतिशत, खेतीयोग्य जमिन ६९ प्रतिशत र निर्माण क्षेत्र ११ प्रतिशत रहेको छ । प्रस्तावित सडक एलाइनमेन्ट र सडकको क्षेत्राधिकारमा पहिरो/बाढी तथा अन्य विपद् जोखिम युक्त क्षेत्र छैन । हाल सडकको औसत चौडाइ १० मिटर छ । यो रुट सडकको दुवैतर्फ १.५६ किलोमिटर बस्ती, ३.१५ किलोमिटर खेतीयोग्य जमिन र ०.३२ किलोमिटर जंङ्गल भएर जान्छ ।

आयोजना क्षेत्रको हावामा स्थानिय सवारी साधनवाट असर पर्ने र उक्त सवारीसाधन वाट ध्वनिमा असर पर्ने भएपनि ध्वनि गुणस्तर सीमा भित्रनै पाइएको छ । परियोजना क्षेत्रको आवाज र हावा सरकारी मापदण्ड भित्र रहेको छ । सडक निर्माणको क्रममा सो सडकमा सवारी साधनको आवागमनमा बाधा पुग्ने सम्भावना रहन्छ। सिसौ, बकाइनो, सिमल, कपुर, साल, खिर्रो, ईपिल र बाँस परियोजना क्षेत्रमा पाइने प्रमुख रूख प्रजातिहरू हुन्।

सुन्दरहरैचा नगरपालिकाको कुल जनसङ्ख्या १२०,२१३ रहेको छ भने कुल घरधुरी २९,८२६ रहेको छ। नगरपालिकाको औसत घरधुरी को आकार ४.०३ छ जुन जिल्लाको परिवारको आकार (४.२२) भन्दा कम छ। यस नगरपालिकाको पुरुष र महिलाको जनसङ्ख्या क्रमशः ७७०१८ र ६३१९७ रहेको छ भने लिंग अनुपात ९०.२३ रहेको छ । आयोजना प्रभावित वडा नम्बर ६ को कुल जनसंख्या र घरधुरी क्रमशः १०९१९ र २७२३ रहेको छ। उप आयोजना संञ्चालन हुने वार्डको औसत घरको आकार ४.०४ छ। आयोजनाको वडाको कुल पुरुष जनसंख्या ९०४६ र महिला वडाको कुल जनसंख्या ९९३७ रहेको छ । परियोजना संञ्चालन हुने बडाहरुको लिंग अनुपात ९०.७२ रहेको छ । आयोजना क्षेत्रमा ब्राहमण, क्षेत्री, नेवार, गुरुड,

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सेन्चुरी, राई, लिम्बू, विश्वकर्मा, चौधरी, तामाङ, परियार, दर्जी, घले र मुसहरको बसोबास छ । धर्मको हिसाबले हिन्दू, मुस्लिम, इसाई, बौद्ध धर्मावलम्बीको बसोबास छ । परियोजना क्षेत्रमा जातजातिको मिश्रित समूहको उपस्थिति रहेको छ । परियोजना क्षेत्रमा नेवार, गुरुङ, राई, लिम्बू, चौधरी, तामाङ र घले आदिवासी जनजाति छन् । यस सडकखण्डमा १६६ घरधुरी रहेका छन् भने कुल जनसङ्ख्या ९९१ मध्ये ६७१ पुरुष र ३२० महिला रहेका छन्। यस क्षेत्रका अधिकांश मानिसहरू मुख्यतया जीविकोपार्जनका लागि कृषिमा आधारित काम, व्यापार, श्रमिक र वैदेशिक रोजगारीमा संलग्न छन्। सुन्दरपुर खानेपानी तथा सरसफाइ उपभोक्ता समितिको पाइप लाइनबाट यस क्षेत्रमा खानेपानी आपूर्ति भए पनि एकीकृत फोहर मैला व्यवस्थापन प्रणाली छैन । सडक निर्माण हुने क्षेत्र भित्र रहेको ८७ वटा विद्युतको पोल सार्नु पर्न देखिन्छ । यौन शोसण तथा दुर्व्यवहार, लैइगिक हिंसा सम्बन्धित केही विषयहरू फिल्ड सर्भे र नजिकैको प्रहरी कार्यालयको रेकर्डबाट पहिचान गरिएको छ। घरेलु हिंसा (शारीरिक, मानसिक) र बलात्कार/यौन हिंसा आयोजना प्रभावित क्षेत्रमा बिध्यमान रहेको छ।

ऐन तथा नीति, नियमको आवश्यकता

नेपाल सरकारले विभिन्न समयमा जारी गरेका विषयगत तथा बहुविषयगत निर्देशिका तथा मापदण्डहरु आयोजना तयार गर्न तथा कार्यान्वयन चरणहरुमा वातावरणीय एवम् सामाजिक सुरक्षण आयामहरु मूल प्रवाहीकरण गर्न यथेष्ठ छन् । यस प्रतिवेदनले सम्बन्धित नेपाल सरकारका योजना, निति, ऐन, नियम, निर्देशिका एवम् मापदण्डहरु समेटेको छ । त्यसैगरी यस प्रतिवेदनले विश्व बैङ्कको वातावरणीय तथा सामाजिक मापदण्डहरु पनि समेटेको छ।

वर्गीकरण, क्षेत्र निर्धारण, प्रभाव पहिचान, अनुगमन र व्यवस्थापन

परियोजनाको प्रत्यक्ष प्रभाव क्षेत्र सडकको सम्पूर्ण ५.०७५ किलोमिटर लम्बाइको लागि उप आयोजनाको सडकको क्षेत्राधिकार ३०मिटर रहेको छ। त्यस्तै, अप्रत्यक्ष प्रभाव सडकको क्षेत्राधिकार किनाराबाट ५० मिटरभित्र पर्छ। प्रभावहरुको वर्गीकरण तथा संक्षेपीकरण गर्न वातावरणीय तथा सामाजिक चेकलिष्ट प्रयोग गरिएको छ । स्थान विशेषको प्रभावहरु वातावरणीय तथा सामाजिक प्रभाव मूल्याङ्कन मा समावेश गरिएका छन् । केही प्रभावहरु निम्नानुसार छन्।

उप आयोजना कार्यान्वयनबाट पर्ने सकरात्मक प्रभाव

यस उप आयोजनाले गरिब, जातीय अल्पसङ्ख्यक र विपन्न स्थानीयका लागि रोजगारीलाई प्राथमिकता दिई स्थानीय बासिन्दाका लागि रोजगारीको अवसर सिर्जना तथा आर्थिक सशक्तीकरणमा योगदान गर्नेछ । अन्य लाभकारी प्रभावहरूमा स्थानीय व्यवसायको वृद्धि, सुधारिएको पहुँच र मानिसहरूको सीप विकास समावेश छ। निर्माणमा सक्रिय रूपमा भाग लिने स्थानीय व्यक्तिहरूले बहुमूल्य सीप र अनुभव प्राप्त गर्छन्। यी सीपहरूले उनीहरूको व्यक्तिगत विकास र रोजगारमा योगदान पुर्र्याउँछ। सडक पूर्वाधारले बजार र सामाजिक सेवाहरूमा पहुँच बढाउन महत्त्वपूर्ण भूमिका खेल्छ। सुधारिएको यातायात सुविधाले यस क्षेत्रका बासिन्दाहरूको लागि जीवनको राम्रो गुणस्तरको नेतृत्व गर्दछ। कुशल यातायात प्रणालीको उपलब्धताले शिक्षा, स्वास्थ्य सेवा, पर्यटन र अन्य सामाजिक-आर्थिक क्षेत्रमा सकारात्मक प्रभाव पार्न सक्छ। यसबाहेक, विस्तारित सडक सञ्जालले स्थानीय समुदायलाई फाइदा पुऱ्याउँदै जमिनको मूल्य वृद्धि गर्न योगदान पुऱ्याउँछ।

उप आयोजना कार्यान्वयनबाट पर्नसक्ने नकरात्मक प्रभावहरु

निर्माण कर्मीहरूको अचानक वृद्धिले सार्वजनिक पूर्वाधार जस्तै सडक, खानेपानी आपूर्ति, परियोजना क्षेत्रको सरसफाइमा असर पार्न सक्छ। धुलो, ध्वनि र निर्माण मेसिनरीबाट निस्कने उत्सर्जनले वातावरणीय प्रदुषणमा योगदान पु¥याउन सक्छ । सडक निर्माणले गर्दा निस्कने माटो र निर्माण सामग्री को भण्डारणले गर्दा सडक निर्माण र सञ्चालनको समयमा कटान हुन सक्छ। सवारी आवागमन, सडकको छेउछाउको नालीमा बगेको पानीले छेउछाउको खेतीयोग्य जमिनमा माटो कटान हुन सक्छ। सवारी आवागमन, सडकको छेउछाउको नालीमा बगेको पानीले छेउछाउको खेतीयोग्य जमिनमा माटो कटान हुन सक्छ। सडकको संञ्चालन र सुधार संगै नजिकको बन क्षेत्रको पहुँचले गर्दा बनसम्पदामा असर पर्न सक्छ। यो सडक सञ्चालनमा आएपछि बस्ती क्षेत्र र बजार को विस्तार हुन जान्छ जसले सडकको क्षेत्राधिकारको अतिक्रमण बढाउन सक्छ। त्यस्तै सवारी साधनको धुलो, धुवाँ र धुवाँको वृद्धिले वायु र ध्वनि प्रदूषणलाई केही हदसम्म्म बढाउन सक्छ ।

प्रभाव न्यूनीकरणका उपायहरु

वातावरणीय र सामाजिक प्रभावलाई कम गर्न र निर्माण प्रक्रियाको सुरक्षा र दक्षता सुनिश्चित गर्न तथा ऊप आयोजनालाई वातावरणमैत्री बनाउने उद्देश्यले लाभ बढाउन र प्रतिकूल प्रभावहरू कम गर्न विभिन्न उपायहरू प्रस्ताव गरिएको छ। रोजगारीका अवसरका लागि स्थानीय जनतालाई प्राथमिकता दिइनेछ। वातावरणमा पर्ने प्रतिकूल प्रभावलाई न्यूनीकरण गर्न आवश्यक कदम चालिनेछ। कामदारको बीमा गरी प्राथमिक उपचार सुविधा र पीपीईजस्ता सुरक्षा सामग्री उपलब्ध गराइनेछ। सडकको किनारामा बृक्षारोपणको लागि स्थानीय जातका बिरुवालाई प्राथमिकता दिइनेछ । वातावरण संरक्षण गर्न र सडकको छेउछाउका ढलानहरूलाई यथास्थितिमा स्थिर गर्न उपयुक्त बायो/सिभिल इन्जिनियरिङ संरचनाहरू अपनाइनेछ। सञ्चालनका क्रममा नजिकैको खेतीयोग्य जमिनमा पानी जम्ज नदिन ढल निकासको उचित व्यवस्था मिलाइनेछ । सडक दुर्घटना न्यूनीकरणका लागि पर्याप्त सडक सुरक्षाका उपायहरू जस्तै सूचना र चेतावनी संकेतहरू स्थापना गरिनेछ।

यौन शोसण तथा दुर्वेसन एवम् दुर्व्यवहार रोकथाम तथा सम्बोधन कार्य योजना;

विश्व बैङ्कले नेपाल शहरी शासकीय तथा पूर्वाधार उपआयोजनाको लागि गरिएको यौनिक शोषण, दुर्वेसन एवम् यौन दुर्व्यवहार जोखिम मूल्याङ्कनमा आधारमा यस आयोजनाको SEA/SH जोखिमको "न्यून" मूल्याङ्कन गरेको छ । यस मूल्याङ्कनमा आधारित भई आयोजनाको लागि SEA/SH निरोध तथा सम्बोधन कार्ययोजना आयोजनाको लागि <u>SEA/SH</u> रोकथाम तथा सम्बोधन कार्ययोजना बनाइएको छ । यसमा उपआयोजनाको कार्यक्रमले सिर्जना गर्न सक्ने SEA/SH जोखिमहरु निषेध एवम् रोकथाम तथा न्यूनीकरण गर्ने उद्धेश्यका निश्चित व्यवस्थाहरु समावेश गरिएका छन् । यस योजनाले तालिका-१; विश्व बैङ्कले सेप्टेम्बर २०१८ मा प्रकाशित "असल अभ्यास नोट" अनुसार IPF परियोजनाहरुमा <u>SEA/SH</u> जोखिमहरुलाई सम्बोधन गर्न सुझाएको कार्यहरु लाई पनि समावेश गरेको छ।

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वातावरण तथा सामाजिक व्यवस्थापन योजना;

पहिचान गरिएका मुद्दाहरू, सम्भावित प्रभावहरू, तिनीहरूको न्यूनीकरणका उपायहरू, अनुगमन विधिहरू सहित यो वातावरणीय र सामाजिक व्यवस्थापन योजना रिपोर्ट प्रस्तावित गरिएको छ। निर्माण र सञ्चालन चरणहरूमा वातावरणीय र सामाजिक प्रभावहरूको लागि न्यूनीकरण लागत प्रतिवेदनमा समावेश गरिएको छ। यसबाहेक, पर्यावरणीय र सामाजिक न्यूनीकरण उपायहरू कार्यान्वयन गर्न र अनुगमनको लागि जिम्मेवार एजेन्सीहरू यस मा वातावरणीय र सामाजिक व्यवस्थापन योजना पहिचान गरिएको छ। भौतिक, जैविक, सामाजिक,आर्थिक र सांस्कृतिक वातावरण सम्बन्धी विभिन्न अनुगमन सूचकहरू पनि पहिचान गरिएको छ । आयोजनाले पुनर्निर्माण र सञ्चालनको चरणमा सरोकारवालासँग मिलेर अनुगमन गर्नेछ । सरोकारवालाको जिज्ञासा र चासोको उठान र समयमै जवाफ दिनका लागि गुनासो निवारण संयन्त्र (GRC) मार्फत आयोजनासँग सम्बन्धित गुनासाहरूको सम्बोधन गरिनेछ ।

उपआयोजना निर्माणका क्रममा GBV, SEA/SH जोखिमहरुलाई आवश्यक न्यूनीकरण गर्न योजना बनाइएको छ । घरेलु हिंसा (शारीरिक, मानसिक) र बलात्कार/यौन हिंसा लाई सबैभन्दा बढी प्राथमिकता दिइ आवश्यक सचेतना तथा तालिमहरुको ब्यवस्था गरिएको छ।

संस्थागत व्यवस्था;

आयोजना कार्यान्वयन गर्न शहरी विकास मन्त्रालयले शहरी विकास तथा भवन निर्माण विभाग अन्तर्गत एउटा आयोजना समन्वय कार्यालय स्थापना गरेको छ । वातावरणीय तथा सामाजिक विधिको साथै सम्पूर्ण विधिहरु पालना सम्बन्धी जिम्मेवारीको जवाफदेहिता आयोजना समन्वय कार्यालयमा रहने छ । आयोजना समन्वय कार्यालयलाई एउटा आयोजना व्यवस्थापन सहयोग टोलीले सहयोग गर्नेछ । उपआयोजनाहरुको वातावरणीय तथा सामाजिक व्यवस्थापन योजना कार्यान्वयन स्थानीय तहमा गर्न र तथा अन्य वातावरणीय एवम् सामाजिक संयन्त्रहरुको कार्यान्वयनका जिम्मेवार हुने गरी नगरपालिकामा एक आयोजना कार्यान्वयन इकाइ स्थापना गरिनेछ । सुरक्षण विशेषज्ञ सहितको डिजाइन तथा स्परिवेक्षक परामर्शदाता मार्फत प्राविधिक साहायाता पुऱ्याइनेछ।

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 Maheshwor subba marga Road
Estimated Cost:	NRs. 699,674,995.37 (including VAT, Contingency, Price adjustment and PS) For ESMP cost: 1,350,000.00
Start/Completion Date:	March 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 centers 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

The proposed 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 of proposed roads is clear in terms of structures and publicly in use for the construction of road. The proposed upgrading works for this road project will be limited within the existing road width only. 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 Sundarhardicha Municipality								
Station. Name.	Index no.	Latitude	Longitude	Elevation (m)	MAMDR	Record Length (yrs)		
Biratnagar Airport	131901	26.483642	87.256456	75	85.74	30		

Table 2-1: Hydrology Station near Sundarharaicha Municipality

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 in recorded in Biratchowk (Municipal headquarter) is 23.0 °C | 73.4 °F. Average annual precipitation of Birtanagar 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 in 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 $68.4\mu g/m3$, $26.2\mu g/m3$ and $230\mu g/m3$ 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 waterborne diseases and 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 of 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 natural water bodies existing 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

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**.

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 be 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.

2.8 Existing infrastructures/ utilities

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

Water supply pipelines

As per the field observation and discussion with locals, there is presence of existing water supply pipelines in the proposed alignment. Water supply pipelines of Sundarpur water supply and sanitation user committee provides water supply in this area. Water pipes from 250mm (1.2km), 200mm (0.25m), 180mm(2Km), 160mm (1 km) and 110mm (0.6 km) diameter was laid in both side of the road. Necessary consultation with this water supply users committee were conducted during field study with presence of local level representatives. These water supply pipelines will not be impacted directly from the upgradation of the proposed road. However, during the construction of the proposed road, precautions such as avoiding pipeline will be taken during the construction to ensure continuous flow of water through these pipelines. In case of damage from the construction works, contractor will be responsible for the reinstatement of the water supply pipelines as when required.

Existing cross drainage and storm water drainage structures

	Chain	Coordinates		Existing Structure			Existing	
SN	age	X	Y	Туре	Size (m)	Functional	condition in detail	Remarks
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	Proposed
7	2+030	531966.00	2950567.00	Box culvert	1.2	Storm drainage	Fully serviceable	for reconstru
8	2+040	531971.00	2950556.00	Pipe Culvert	0.6	Storm drainage	Fully serviceable	ction
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	0.6	Storm	Generally	

Table 2-2: Existing cross drainage structures

	Chain	Existing	Structu	re	Existing			
SN	age	X	Y	Туре	Size (m)	Functional	condition in detail	Remarks
				Culvert		drainage	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		Longth (m)	Side (F	rom Central	Domorks
From	То		Left	Right	Kemarks
0+040	0+160	120	Yes	8	
0+165	0+195	30	Yes		
0+185	0+330	145		Yes	
0+205	0+255	50	Yes		
0+260	0+640	380	Yes		
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		Proposed for reconstruction
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		

Section		Length (m)	Side (Fi line)	rom Central	Remarks
From	То		Left	Right	
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

There are 85 number of electric poles that lies within the proposed road width of proposed sub projects which are to be relocated to new places during upgradation of road. 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**.

CN	Chainaga	S	ide	CN	Chainaga	S	ide	CN	Chainaga	S	ide
DIN	Channage	Left	Right	311	Channage	Left	Right	DIN	Channage	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

Table 2-4: Existing electric pole

SN	Chainaga	S	ide	CN	Chainaga	S	lide	SN	Chainaga	S	lide
5IN	Chamage	Left	Right	5IN	Channage	Left Right		DIN .	Chamage	Left	Right
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 Statistic 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 of 991 having 671 male population and 320 female population. (Source: Field study, August, 2023).

2.10 Settlements

In the settlements existing along 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

Proposed surface upgrading works will be limited within the existing road width which is 10m and is currently in public use. The existing width of the road is more than 10m (including earthen drain and earthen shoulder). However, ownership of private land parcels is yet to be transferred. Municipality will conduct the process of transfer of deeds of these land parcels and will be completed within the project period. There are no outstanding issues or grievances related to the land which is part of the existing road width. There are no impacts on structures, private or public/ temporary or permanent structures due to upgradation works. Thus, no additional land needs to be required for the upgradation of subproject.

2.12 Physical Structures

There are no public as well as private structures present along the proposed construction width of this subproject. Therefor the alignment is clear for the construction work.

2.13 Caste/Ethnicity

In terms of cast/ethnicity, the project area is inhabited by Brahmin, Chhetri, Newar, Gurung, Senchury, Rai, Limbu, Biswokarma, Chaudhary, Tamang, Pariyar, Darji, Ghale and Mushahsr. The caste/ethnicity wise details of households are presented in **Table 2-5**. There is a presence of mixed groups of castes and ethnicities 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 field study.

SN	Ethinicity	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
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		

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

2.14 GBV, SEA / SH

Field study, available data and consultations have revealed that, 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) violence, economic violence are present within the project area. The record of Municipal Office-Social Section, Area police Office, Belbari and record of local NGO WOREC Nepal (Working within Municipality) also shows the presence of violence within the Municipality. The recorded details of violence present within the municipality are presented in the **Table 2-6**. Several consultations were carried out with the locals of the project area during the preparation of this ESMP. Altogether, 358 participants were consulted and the total number of male and female participants are were 213(59.5%) and 145 (40.5%) respectively. It was also found out that most of the local women were not aware about the provisions of complaint registering through toll free number 1145 provisioned 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 as 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 support to the victim and ensuring prevention of harassment through proper redressal of the case. The cell process individual complaints and take appropriate action in accordance with the guidelines provided by the respective authorities.

SN	Identified Cases		A Municipality	Worek Nepal	Police	K/A Municipality	Worek Nepal	Police	X/A Municipality	Worek Nepal	Total	Remarks
1	Polygamy	9	0	0	4	0/8/0	0	4	019/0	0	17	
1	Toryganiy		0	0	-	0	0	-	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	

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

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 responsibility of carrying out these activities will be borne by contractors as well as the PIU/DSC depending on the activities. Awareness programs related to women/girls of project area and workers, on GBV issues are

- Awareness programs related to women/girls of project area and workers, on GBV, which will include mental and physical abuse, sexual violence among others.
- 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 5.075Km length Maheshwor Subba Marga Road 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 10 m (including earthen drain and earthen shoulder). This route passes through 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. 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	Descrip	tion	
1	Name of the Road	Maheshwor Subba Road		
2	Road Type	Urban/ Local Road	l (NURS 2076)	
3	Proposed road length	5.075 H	Km	
4	Number of Lane	Two La	ane	
5	Right of Way	30m	l	
6	Road Attributes	Existing	Proposed	
	• Road Width (Existing width that is in current use)	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 (0.15 m Base 0.20 m Sub-base	Flexible pavement)	
7	Terrain Type	Plain		
8	Climate	Tropical		
9	Geology	Alluvial River Deposit		
10	Wards & Major settlements	Sundarharaicha Municipal	ity –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%		

 Table 3-1: Details of Proposed Road Upgradation Project

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 have 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 such as an existing asphalt material after scarification 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 land will be cleared and restored to the satisfaction of the landholder.

	Table 3-2: 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 the 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**.

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

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

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.

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

Table 3-4: IEE Approved Quarry site description



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.**

SN	Items	Quantity (m3)	Remarks
1	Base	5675.419	
2	Sub base	7566.92	

Table 3-5: Quantity of Base and Sub base



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 (1.25biga) 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 should be the responsibility of both the Municipality/PIU/DSC and the contractor. Proponent will play both implementor and supervisory role for ensuring proposed measures are implemented as outlined in the plan. The frequency of implementation and monitoring of the proposed measures will be dependent on the nature of the anticipated impact. The cost of implementation of the ESMP during the construction phase will be factored in the bills of quantities (BOQ) while the cost 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 asses 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;

SN	Stakeholder	Role & Responsibilities for ESMP implementation
1	Sundarharaicha	\checkmark The overall project environmental and social safeguard management is the
	Municipality/PIU	responsibility of PIU
		\checkmark The regular monitoring will be carried out by the PIU
2	Contractor	✓ The contractor is required to submit C-ESMP within 45 days of contract
		signing.
		\checkmark Implement the mitigation measures and provisions as per ESMP and DPR of

Table 4-1: Roles and responsibility for ESMP implementation

SN	Stakeholder	Role & Responsibilities for ESMP implementation
		the Project
3	DSC	✓ Preparation of ESIA/ESMP during DPR phase
		✓ Supervision support to the Contractor to implement the ESMP
		✓ 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	\checkmark The PCO will have overall responsibility to ensure compliance with
		pertaining laws, policies, regulation for all sub projects
		\checkmark 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;

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
Physica	I-Construction			
1	Obstruction due to electric poles (85 nos.) within the ROW	 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 30 m of interval. 	Municipality, PIU/DSC and Contractor in coordination with NEA/Nepal telecom.	Included in DPR. (BOQ Item No A-2, Provisional Sum)
2	Disturbance in Water Supply Pipes of Sundarpur Water Supply and Sanitation committee	 Water supply pipelines will not be impacted directly from the upgradation of the proposed road. 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 (1 km) and 110mm (0.6 km) 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 if water supply pipeline gets damage/disturbance from the construction works, water supply pipeline will be reinstated as required in coordination with relevant stakeholders. 	Contractor (budget) in coordination with Municipality/PIU/DSC and User Committee	Included in DPR (BOQ Item No A-2, Provisional Sum)
3	Land use change	The land use change is irreversible in this sub-project, however, following measures will be undertaken to manage	Contractor	

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

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		 top soil 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	 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	• Locate, peg and seek approval from the supervising	Contractor	This will be the part of
		consultant for the use of stockpile sites. The proposed		Contractor's

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		 location id Khorsangi tole (Easting 532380.00m E, Northing 2951345.00m N) at Ward no 6 which is also presented in chapter 3-2. 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. 		Responsibility under Contractor Cost. This will be included in CESMP
6	Labour Ca Location a Management	 p • 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 	Contractor	It is the responsibility of Contractor.

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		 plains. Provide and maintain proper drinking water, sewerage and waste disposal facilities at the camps. 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	 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	 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 	Contactor	Included in contractor cost, it is a responsibility of contractor.

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		 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. (Landfilling, road reconstruction, earth berms, amenity planting at intersections – other future road structures) All the identified spoil disposal sites will be rehabilitated after disposal adopting natural drainage, and covering vegetation. 		
9	Air/Dust Management	 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	Included under Contractor's Cost The cost for the water sprinkling will be borne by the contract package. NPR 300,000
10	Noise, vibration	 The noise level of Vehicles and equipment used will be keep at minimum levels and purchase/use equipment/machinery with lower sound power levels. 	Contractor/DSC	Cost of noise level monitoring comes within the Air Quality
Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
-------	-----------------	--	----------------	--
		• Workers will be provided with appropriate ear muffs/plugs specially at crusher site		monitoring cost above.
		 muffs/plugs specially at crusher site Sensitive locations i.e., schools, hospitals, government offices etc (Forest office located near Latijoda tole, chainage 5+030) will be avoided while placing the noise generating equipment. 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. 		Costs as a result of damage from vibrations will be borne by contactor.
11	Water Pollution	 regularly conforming WHO standards. 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. 	Contractor	Cost of water pollution monitoring comes within the Air Quality monitoring cost included in above SN 9 of this table.

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		• Water Quality (EC, PH, DO, TSS, Oil and Grease).		
10	0 1 1 1 1 1 1 1 1 1	Conforming WHO standards.	0	ND 150.000
12	Solid Waste	 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 60kg (for 40people) per day (as assume that a person generates 1.5kg waste a day). 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). 	Contractor	NRs 150,000
13	Construction Safety	 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. 	Contractor, Regular monitoring and supervision by PIU/DSC	Included in BOQ (BOQ Item no B-4, B-7 and H)

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		 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 routine checkup of workers and avoidance of communicable disease. 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	 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 	Contractor with coordination of PIU/DSC	Included in BOQ (BOQ Item No B-7)

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		management.		
• 15	Road Safety and community safety	 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 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 outof-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 & 	Contractor	Included in BOQ (BOQ item no B-7, H)
		aware locals regarding potentials risks and proposed safety measures related to the project activities		
16	SEA/SH related risks	 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 	Contractor and monitored by PIU/DSC	It is a responsibility of contractor for camp site management
17	Others (Crusher, asphalt plant, if	• The Contractor will develop and maintain emergency response system in order to address any accidents or	Contractor and monitored by PIU/DSC	It is a responsibility of contractor

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
	proposed in the project)	 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 construction safely without interrupting the existing nearby settlements, water bodies, forests and wildlife. 		
18	Demobilization of contractor	 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	I-Operation			
1	Road Stability and Drainage Management	• 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	 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	• 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
Biologic	al-Construction			
1	Site clearing and removal of road side vegetation (Shrubs and Bushes)	 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. assuro, 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-G, Bio engineering, NRs 352,768.70)

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
Social, e	economic and cultural-	Construction Stage		
1	Pedestrian Safety: General people, children and elderly people.	 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 execution and construction to raise awareness of potential safety hazards of construction if it lies within alignment. 36 nos. of Zebra crossing are provided throughout the alignment in certain interval and major crossings like chainage 0+240, 0+860, 0+940. 	Contractor	Included in BOQ (BOQ item no-H)
2	Health and Sanitation	• 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	 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	 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 	Contractor	Included in BOQ (BOQ item no B-8, Lumpsum item)

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
-		 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 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	 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 H)
6	Limited Access for elderly and Differently-able People	 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	This will be the part of Contractor's Responsibility under Contractor Cost.
7	Grievance Redressal, SEA/SH Risks and	Community awareness of GRM and its importance.Use a grievance resolution process that includes a team	Municipality/DSC	NRs 800,000 (Further breakdown presented in

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
	stakeholder	or party for negotiation and/or mediation.		table 4-3)
	consultation.	 Clear and timely dissemination of project information, and safeguards aspects including anti-harassment cell; Coordination with the local stakeholders Awareness raising, information and dissemination about GRM and GBV (meetings, monitoring and logistic costs@ 1 meeting every month) GRM will include mechanism for referring SEA/SH-related grievances 		
		 Nine 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) Production of leaflets, and information dissemination through local media of ESMP, project provisions including GRM and SEA/SH and ESMP document in ward offices. Signages 		
9	SEA/SH risks	 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 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) CoC are understood through orientations and signed by workers 	Contractor	Contractor's Responsibility under Contractor Cost
Social, e	economic and cultural:	Operation Stage		
1	Encroachment of	The municipality will work with wards and local bazaar	Municipality	Cost will be borne by
	ROW	committees/groups to discourage encroachment into the		municipality

Stage	Impact	Mitigation measures	Responsibility	Remarks/ Cost (NPR)
		RoW.		
2	Traffic accidents and associated risks (community members including general public, community, children, elderly people)	 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	• 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

SN	Items & Headings	Unit	Qty	Rate	Total, NPR	Remarks
	Provisional Sum amount					
1	Water quality test	Samples	4		200.000	
2	Air quality and Noise level monitoring/Sampling	Samples	2		300,000	
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	
8	Information dissemination materials and medium					
	(a) Leaflets and ESMP document printing				50,000	
	(b) PSA (local media)		3	25,000	75,000	
	Total				1,350,000	

Table 4-3: Summary of Cost of ESMP Implementation

SN	Activities	Nos. of				2024 2025									Remarks/ Targeted people								
		event	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	
1	Awareness/ Orientation/Training on SEA/SH, GBV																						
i	Awareness on domestic violence (Mental and Physical Abuse)	3																					Local people
ii	Training on Sexual violence/rape	2																					Youth of project area
2	Awareness on Health and sanitation for workers	1																					Project workers
3	Awareness on Road safety and community safety	2																					Local people
4	Orientation on Code of conduct for Project staffs and contractors/subcontractors to manage GBV/SEA/SH risks	4																					Project staffs, staffs of contractors and sub- contractors
5	Regular monitoring and reporting																						

Table 4-4: Implementation schedule for social measures

				2024											2025								
SN	Impact	Mitigation Measures	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																					

Table 4-5: Implementation schedule for Environmental Measure

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;

CN	Monitoring Across	Logation	Paramatang	Mathadalagy	Frequency	Dognongihility
DIN	Wolntoring Aspects	Location	rarameters	Methodology	Frequency	Responsibility
Α	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
7.	Occupational Health	Active construction	Provision/Use of PPEs; First	Site verification; records	Every Month	DSC, PIU

Table 4-6: Ei	nvironment a	and Social	monitoring Plan	
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SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility	
	& Safety	sites; camp site	Aid/treatment; Awareness/ orientations conducted for workers	of supply of PPEs; records of events			
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	
В	Operation & Maintenance Phase						

SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility
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)Eaboratory 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 culuster of IPs present with in the project area. The project area is mixed group of settlement however, consultations were carried out with the women and indigenous communities living along the proposed road alignment (see table 5-5, SN 10). The main objectives of these consultations were to make the public aware on environment and social issues, incorporate 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.

CNI	Catagory	Participan	Domonka		
SN	Category	Male	Female	Total	Kemarks
1	Brahman	45	36	81	
2	Kshetri	27	19	46	
3	Tharu	11	5	16	
4	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 (Ghale, Mushahar)	6	2	8	
	Total	213	145	358	
	%	59.5	40.5	100	

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Table 5-1:	Caste an	d Sex	details	during	consultation

Table 5-2: List of Consulted	people during field stud: KII
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SN	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	

SN	Name	Organization	Date	Consultation type	Remarks
3	Shibraj Chaudhary	Ward no 6 Member	Jestha 31,2080	KII	
4	Tuna Kumari Biswakarma	Executive Member of Municipality	Asar 11, 2080	КІІ	
5	Geeta Mishra	Ward no 6 Member	Jestha 31,2080	KII	
6	Lokindra Shrestha	Presisdent, Gumba tole bikash sanstha	Asar 11, 2080	КІІ	
7	Somnath Chapagain	Vice-Presisdent, Gumba tole bikash sanstha	Asar 11, 2080	КІІ	
8	Laxmi Prasad Chapagain	Secretary, Gumba tole bikash sanstha	Asar 11, 2080	КІІ	
9	Naresh Kumar Subedi	Principal, Shree haridev basic School	Asar 11, 2080	КІІ	
10	Rajesh Guatam	Incharge, Basic Health Center	Asar 11, 2080	кіі	
11	Narayani Ghimire	Coordinator, Maiti Nepal	Jestha 28,2080	КІІ	
12	Aanand Kumari Linkha	Executive Member of Municipality	Jestha 31,2080	КІІ	
13	3 Prakash Tamang 4 Presisdent, Sidhartha 5 samudayik Ban 1 Upbhokta samiti		Asar 25,2080	КІІ	
14	4 Mahesh rai 4 mahesh rai 5		Asar 25,2080	КІІ	
15	5 Durga bdr Pradhan upbhokta samiti		Asar 25,2080	КІІ	
16	Durga Ghimire	nimire Ban Rakchhak, Sub- division Forest office Latijhoda		КІІ	
17	Jeeban kumar rai	Former ward chairman	Asar 22, 2080	КІІ	
18	Prakash Tamang	mang Om sange resum Gumba		KII	
19	Deb Kumari Rai	Jagriti Mother group, Dipu tole, Ward-6	Asar 18, 2080	КІІ	

Table 5-3: List of Consulted people during field study: FGD and Meetings

SN	Name	Organization	Date	Consultation type
1	Consultation with ward 6 member & Locals	31 Jestha, 2080	FGD	
2	Consultation with Shivalaya tole locals of ward 6	11 Asar, 2080	FGD	

SN	Name	Organization	Date	Consultation type
3	Consultation with Shree Haridev Basic school teachers of ward 6	11 Asar, 2080	FGD	
4	Consultation with Basic Health Center of ward 6	11 Asar, 2080	FGD	Health post
5	Consultation with Gumba tole locals of ward 6	11 Asar, 2080	FGD	
6	Consultation with Kharsangini chowk locals of ward 6	12 Asar, 2080	FGD	
7	Consultation with Sundarpur khanepani tatha sarsafai upbhokta samiti of ward 6	14 Asar, 2080	Meeting	Water supply Committee
8	Consultation with Om sange Resum Gumba samiti of ward 6	18 Asar, 2080	Meeting	
9	Consultation with Dipu tole locals of ward 6	19 Asar, 2080	FGD	
10	Consultation with Jagriti aama samuh of ward 6	24 Asar, 2080	Meeting	Mother Group
11	Consultation with Forest user committee	25 Asar, 2080	Meeting	Forest user committee
12	Consultation with Women group	2080/08/09	Meeting	Women

Below tables shows the composition of participants, issues discussed during consultations and responses from the project side

Date	Consultation type	Composition of participants	Issues raised	Response from Project
Asar 11, 2080	Key Informat (Maheshwor Marga)	Presisdent, Gumba tole bikash sanstha	 Road should construct as per standard and timely. Should include all stakeholder for betterment 	Construction will follow all Government/WB standards

 Table 5-4: Consultation held (KII-Maheshwor Marga)

Date	Consultation type	Composition of participants	Issues raised	Response from Project
Asar 14, 2080	Key Informat (Maheshwor Marga)	Presisdent, Sundarpur khanepaani tatha sarsafai upbhokta	 If water supply pipeline will be damaged during construction, then project will responsible for maintenance and relocation of water supply facilities. 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	 During construction, students' movement may be disturbed 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 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	 Road will construct immediately. 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	 Needs to implement Livelihood related program, Leadership development, child marriage, Drugs related awareness training needed. 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	 Survey was done time to time but no any construction works started. With in ROW, there is no any houses, structures and shed lies. GBV relared incident arises sometimes but it is solved by Judicial committee. 	GBV related awareness training will be planned and included in DPR/ESIA.

Date	Consultation type	Composition of participants	Issues raised	Response from Project
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)	 Road will construct as soon as possible Land should take from equal distance from the center line of the road. 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	 Road should construct as per standard. 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)	Presisdent, Sidhartha samudayik Ban Upbhokta samiti	 Employment opportunity to local people 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	 Drainage management Junction Improvement Water Sprinkling to road during construction Employment opportunity to local people 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 using local people as a construction worker

	10	Response from			
SN	Date	type	participants of	issues raiseu	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	ConsultationwithShreeHaridevBasicschoolteachersof 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 ESMP	The discussed issues were included in ESMP/DPR of 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.

Table 5.5: FGD and Masting details during stakeholders' consultation

SN	Date	Consultation type	Compositions of participants	Issues raised	Response from 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 5-6**, and related minutes are attached in **Annex II.** In consultation there is total 114 peoples were participated having 65 male and 49 female.

	There's of constitution participants Details						
SN Ward No.	Name of the Dood	Participants Details			Domoniza		
	ward no.	Name of the Road	Male	Female	Total	Kemarks	
1	6	Maheshwor Marga	65	49	114		

Table 5-6: Consultation participants Details

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 5-7**.

	racie e 71 Injermanen aussenn	The of the information and some information plant						
Means of Communication	Timeline & Frequency	Responsibility	Resources					
Municipality Website	At the start of the project, &	PIU/ Information Officer	Information					
(Project details, ESMP,	maintained throughout		Officer					
GRM)								
Newspaper and local Radio	Project implementation phase	PIU, municipality	Radio-					
(project salient features,	Weekly basis	Information Officer	program, FM					
dates, GRM etc.)			Radio Clip					
Project leaflets and Fact	Project details, Implementing	PIU, Information Officer	Double-sided					
Sheet,	agencies, project period - 2		colour A4					
	times		(500 copies)					
Face to face engagements -	Project Main Activities,	PIU, Information Officer						
meetings, focus group	Financial Assistance,							
discussion with relevant	Implementing agencies,							
stakeholders	project period etc. 2 time in							
	year							
Ward offices and Municipal	Project period- 2 times	PIU/Municipality	Focal person					
social section/Library								
(Hard copy of ESMP)								

Table 5-7: Information dissemination plan

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 5-8**

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 of road	with Potentially Affected Comm	nunities by construction and operation
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 social officer of Municipality, women's representative etc.)	Design and Supervision Consultant Municipality Ward Representatives
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	Collation of progress report, self-evaluation by PCO	PCO

 Table 5-8: Stakeholder consultation Plan

Objective and Target Goal	Method	Responsibility
and communication		
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.

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 Secretory

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 Ghimir	re – Member
Team leader or a representative from DSC	- Member-secretary

c. The third level GRC will be established in 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 1stlevel 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? · 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	✓			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
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?		~		
8	Chance of deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based	~			

Environmental Aspects

Checklist for Environmental Screening

SN	Particulars	Yes	No	Can't Say	Remarks
	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	\checkmark			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
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

Environmental Aspects

Checklist for Environmental Screening

SN	Particulars	Yes	No	Can't Say	Remarks
					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?	\checkmark			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		
	а	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.		
	с	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).		
	f	Present use of Govt. Land that will be used for the project activities with Persons/Households using ü Agricultural purposes ü Residential purposes ü Commercial purposes ü Other purposes (Indicate)	Public use		

	Checklist for Social Screening				
SN		Particulars	Details/Remarks		
	g	Is the project requires relocation of encroachers/squatters If ves please elaborate number and nature	Yes (Electricity pole)		
	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- All Mainstream All Indigenous peoples Majority Mainstream or Non-indigenous peoples Majority Indigenous peoples 	Majority Mainstream		
2	Po	tential 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?	Yes (Electricity pole)		
	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		
	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,		

Social Aspects

Checklist for Social Screening				
SN	Particulars		Details/Remarks	
			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



"सुन्दरहरेंचाको पहिचान : समृदि र सुथासन" Phone No.:- 021-545050, 545822, 56822, Fax - 021-545822, Fax Brigade: -021-545666, 021-546666 Website: www.sundscharacterman.gov.ng, Famili: sundarhunkcharaatergemail.com


Final Report

Munkipal Transport Master Pl

Sundar Dulari Municipality

Road List with Hierarchy

SN	Municipal Code	Road	Class	Road Name	Wards Passed	ROW (in m)	Length (in km)
1	05M05A001	A001	Δ	Banshari to hudhi river	4 6 10 11	30	9.29
2	05M05A007	A002	A	Triveni Marga	4 6 7 10 11	30	5.32
3	05M05A003	A003	A	Maheswor Marea	4 7 10	30	4.52
4	05M05A004	A004	A	Belgachi Marga	2.8	30	3.17
5	05M05A005	A005	A	Gotheaun Road	1.2	30	2.08
6	05M05A006	A006	A	Malati Marea	1.8	30	2.88
7	05M05A007	A007	А	Gachiya-Barmajhiya- Gherabani-Lochani to Gachiya	8,9	30	5.22
8	05M05B001	B001	в	Arjun Nursery to Gaushala to Janachetana	6, 11	20	1.82
9	05M05B002	B002	В	Chakrapath	4, 5, 6	20	7.15
10	05M05B003	B003	В	Namuna Marga	2, 3, 4	20	3.74
11	05M05B004	B004	В		2	20	0.78
12	05M05B005	B005	В	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	В	From Gachiya to Gherabani	8, 9, 10	20	5.29
16	05M05B009	B009	В	road to masanghat	9, 10	20	1.81
17	05M05B010	B010	В	Bidhe Tesro Bato	1,2	20	2.10
18	05M05B011	B011	в	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	с	Dhadima PS to Panchayat SS	1	15	0.36
23	05M05C004	C004	с	From Gherabani chautara to budhi koirala home	9	15	0.86
24	05M05C005	C005	с	from choudhary tol to thapa basti	9, 10	15	0.54
25	05M05C006	C006	С	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	С	Laligurash marga to charigua	11	15	0.73
30	05M05C011	C011	С	Haraicha to Gokuldham	11	15	0.08
31	05M05C012	C012	С	Gachiya primary school jane bato	3,4	15	1.20



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

Municipal Letter related to GBV, SEA/SH

श्री श बवरम	हरी शासकीय तथा पूर्वाधार आयोजना हल, काठमाण्डौ ।		मिति: २०८०	0/05/90						
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3	गाली बेईज्यती	3	5	9%						
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सुन्दरहरैंचाको पशिचान, समृद्धि र सुशासन PhoneNo.:- 021-547050, 547822,548822, Fax: - 021-548822, Fire Brigade: -021-547666, 021-548988 प्रशासकीय अ Website: www.sundarharaichamun.gov.np,Email: sundarharaichamun@gmail.com

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"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

200 कन्ट्रोलः नेपाल सरकार 078-484399 फोनः गह मन्त्रालय 9247090930 ईलाका प्रहरी कार्यालय (अपराध अनुसन्धान शाखा) वेलबारी, मोरङ । मित्रस कि प्रदेश कोशी वेलवारी, में 9332 मिति:-२०८०।०६।१५ गते। च.नं. पत्र संख्या:०८०/०८१ प्रा.प.सं. : बिषयः-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 तत्थ्याङक पत्रमा माग भए बमोजिम शिर्षक अनुसार निम्नानुसार खुलाई पठाईएको ब्यहोरा अनुरोध गरिएको छ । निम्नः-आ.ब.०७९/०८० आ.ब.०७८/०७९ आ.ब.०७७/०७८ विवरण सि.नं. महिला हिंसा ٩ --मानव बेचबिखन क. ---महिला शारिरीक हिंसा ख. 8 8 9 बह-विवाह ग. 9 x 8 घरेलु हिंसा घ. ---दाईजो प्रथा ड. ---मनसिक यातना च. यौन तथा यौनजन्य दुर्वयवहार 2. 99 92 98 जबरजस्ती करणी क. Ę 2 8 जबरजस्ती करणी उद्योग ख. x बाल यौन दुरुपयोग -ग. --यौनजन्य हिंसा ٩ घ. लागु औषध ₹. 9 9 9 लाग औषध सम्बन्धी घटना क. 4

Letter from Area Police office, Belbari, Morang about GBV

(राजु बिष्ट प्रहरी बरिष्ठ नायव निरीक्षक

Letter from NEA

नेप	तिहात प्राधिकरण भगव मरसायो स्वाधित्व वितरण तथा ग्राहकसेवा विदेशनावय कोशी प्रदेश प्रादेशिक कार्यालय, विराटनगर बेसवारी वितरण केन्द्र	
पत्र संख्याः २०६०/०६१	(*(/ / /) *)	মিরি: ২০⊆০।০६।০⊑
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श्री सुन्दरहरैचा नगरपालिका, नगर कार्यपालिकाको कार्यालय, विराटचौक, मोरष्ट्र ।	an lance	-

विषय: जानकारी गराईएको बारेमा ।

उपरोक्त सम्बन्धमा तहा कार्यालयको च.नं. १६०७ मिति २०८०।०१.।२७ को पत्रवाट व्यहोरा अबगत भयो । उक्त पत्रमा उल्लेख सडकहरु निर्माण हुदा सडकको दायांवायां पर्ने विद्युतीय पोलहरु सानं यस कार्यालयबाट ने.वि.प्रा.को नियमानुसार आवश्यक सहयोग र समन्वय गरिने व्यहोरा जानकारीको लागि अनुरोध छ ।

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Formation of GRM (1st Level)



मिति २०८०/०८/१२ गतेका दिन यस सुन्दरहरैचा नगरपालिकाका नगर प्रमुख श्री केदार प्रसाद गुरागाई ज्यूको अध्यक्षतामा बसेको बैठकले विश्व बैंकको आर्थिक सहयोगमा नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन लागेको यस मोरङ जिल्ला सुन्दरहरैचा नगरपालिका वडा नं. ६ (साबिक सुन्दरदुलारी नगरपालिका वडा नं. ३, ४ र ७) मा पर्ने महेश्वर सुब्ला मार्ग हुदै लाटिझोडा चोकमा अन्त्य हुने ४.०७४ किलोमिटर लम्बाई भएको सडक खण्डको निर्माणका अवधिमा आउने गुनासाहरूको अध्ययण गरी स्थानिय स्तरमानै समाधान गर्न आयोजना स्तरमा वडा नं. ०६ का वडाध्यक्ष श्री सन्तोष लिङ्देन ज्यूको संयोजकत्वमा निम्न उल्लेखित ब्यक्तिहरू रहनेगरी एक गुनासो सुनुबाइ समिति (GRC) गठन गरीएको बारे सम्बन्धित सबैलाई जानकारी गराईन्छ । साथै आयोजना सम्बन्धि कोहिकसैलाई कुनै गुनासो भए उल्लेखित गुनासो सुनुवाइ समितिमा मौखिक वा लिखित रूपमा जानकारी गराउनहुन अनुरोध छ ।

तपसिल

- संयोजक : श्री सन्तोष लिङ्देन, वडाध्य क्ष वडा नं. ६
- २. सदस्य : श्री टुना कुमारी विश्वकर्मा, महिला वडासदस्य वडा नं. ६
- ३. सदस्य : श्री राम बहादुर थापा, टोल व्यिकास समिती अध्यक्ष वडा नं. ६
- ४. सदस्य : श्री अर्जुन पोखरेल, आयोजना सम्बन्धित वडा नं. ६ कार्यालय कर्मचारी
- ४. सदस्य सचिव: सामाजिक सुरक्षण/ वातावरण विषेषज्ञ / सुपरभिजन ईन्जिनियर

"सुन्दरहर्रेंचाको पहिचान : समृद्धि र सुःशासान" home No.: 021-545050, 565822, 566822, Fax: 021-545882?, Five Drigade: 021-546666 Webside: www.sandurburnichumun.usv.np, Email: sandar burnichumun@email.com

Formation of GRM (2nd Level)



श्रीमान,

मिति २०८०/०८/१२ गतेका दिन यस सुन्दरहरैचा नगरपालिकाका नगर प्रमुख श्री केदार प्रसाद गुरागाई ज्यूको अध्यक्षतामा बसेको बैठकले विश्व बैंकको आर्थिक सहयोगमा नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन लागेको यरन मोरङ जिल्ला सुन्दरहरैचा नगरपालिकाका वडा नं. ७ र ८ मा पर्ने चन्द्रनगर विश्वविध्यालय हुदै गोठगाउँ चोकमा अन्त्य हुने ४.१४७ किलोमिटर सडक र सुन्दरहरैचा नगरपालिका वडा नं. ६ मा पर्ने महेश्वर सुब्बा मार्ग हुदै लाटिझोडा चोकमा अन्त्य हुने ४.०७४ किलोमिटर लम्बाई भएको सडक खण्डको निर्माणका अबधिमा आउने गुनासाह रू स्थानिय स्तरमानै पहिलो चरणको गुनासो सुनुवाइ समितिबाट समाधान नभएका गुनासाहरूको समाधान गर्नको लागि नगर प्रमुख मेयर श्री केदार प्रसाद गुरागाई ज्यूको संयोजकत्वमा निम्न उल्लेखित ब्यक्तिहरू रहनेगरी एक गुनासो स्नुनुवाइ समिति (GRC) गठन गरीएको बारे सम्बन्धित सबैलाई जानकारी गराईन्छ । 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 गुरागाई	- संयोजक
नगरपालिका उपमेयर श्री अकली चौधरी	- सदस्य
प्रमूख प्रशासकीय अधिकृत श्री अम्बिका प्रसाद चौलागाई	- सदस्य
आयोजना सम्पर्क व्यक्ति(NUGIP focal persion) श्री सुनिल अधिकारी	- सदस्य
नगरपालिकाको गुनासो सुन्ने अधिकारी श्री व्विरेन्द्र नेयोहाङ	- सदस्य
सामाजिक विकास शाखा प्रमूख/अधिकृत श्री शान्ता घिमिरे	- सदस्य
परामर्शदाता टोली नेता	- सदस्य सचिव

"सुन्दाहीँ नामो पहिचाम : सामृदि ए सुष्टा सन" Planne No.: 021-545050, 545822, 546822, Fax: 021-545822, Five Brigada: 021-546666 Website www.umfabricichemun.cov.m. Fimil: sumfab anticharman@umail.com

Public Notice related to GRC



मिति २०८०/०८/१२ गतेका दिन यस सुन्दरहरैचा नगरपालिकाका नगर प्रमुख श्री केदार प्रसाद गुरागाई ज्यूको अध्यक्षतामा बसेको बैठकले विश्व बैंकको आार्थिक सहयोगमा नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन लागेको यस मोरङ जिल्ला सुन्दरहरैचा नगरपालिका वडा नं. ६ (साबिक सुन्दरदुलारी नगरपालिका बडा नं. ३, ४ र ७) मा पर्ने महेश्वर सुब्ला मार्ग हुदै लाटिझोडा चोकमा अन्त्य हुने ४.०७४ किलोमिटर लम्बाई भएको सडक खण्डको निर्माणका अबधिमा आउने गुनासाहरूको अध्ययण गरी स्थानिय स्तरमानै समाधान गर्न आयोजना स्तरमा बडा नं. ०६ का बडाध्यक्ष श्री सन्तोष लिङ्देन ज्यूको संयोजकत्वमा निम्न उल्लेखित ब्यक्तिहरू रहनेगरी एक गुनासो सुनुबाइ समिति (GRC) गठन गरीएको बारे सम्बन्धित सबैलाई जानकारी गराईन्छ । साथै आयोजना सम्बन्धि कोहिकसैलाई कुनै गुनासो भए उल्लेखित गुनासो सुनुबाइ समितिमा मौखिक वा लिखित रूपमा जानकारी गराउनहुन अनुरोध छ ।

<u>तपसिल</u>

- संयोजक : श्री सन्तोष लिङ्देन, वडाध्य क्ष वडा नं. ६
- २. सदस्य: श्री टुना 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
- ४. सदस्य सचिव: सामाजिक सुरक्षण/ वातावरण विषेषज्ञ / सुपरभिजन ईन्जिनियर

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Letter regarding Anti-Harassment Cell



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

प्रस्तुत विषयमा नेपाल शहरी शासकीय तथा पूर्वाधार आयोजनाबाट मिति २०८०/०३/१० को च.नं. ३११ को पत्र अनुसार उक्त आयोजनासँग सम्यन्धित लैङ्गिक हिंसा तथा यौन दुर्व्यहारहरू सम्बन्धी गुनासहरूलाई अभिलेखिकरण तथा सहजीकरण गर्नका लागि यस नगरपालिकाको लैड्निक हिंसा हेर्ने व्यक्ति श्री शान्ता धिमिरेलाई Anti-Harassement cell को समेत गुनासो हेर्ने जिम्मेवारी तोकिएको व्यहोरा अनुरोध छ ।

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"सुन्दरहरैँचाको पहिचान : समृदि र सुशासन" Phone No > 021-545650, 545822,566822, Fax - 021-545822, Fax Brazile: 021-545666, 021-546666 Website: www.sandurbaraichanuar.gov.op. Finall: <u>sandurbaraichanaan6egmath.com</u>

Public Notice for ESMP Preparation



शासकीय तथा पूर्बाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन लागेको यस मोरङ जिल्ला सुन्दरहरैचा नगरपालिका वडा नं. ६ (साबिक सुन्दरदुलारी नगरपालिका वडा नं. ३, ४ र ७) मा पर्ने महेश्वर सुब्बा मार्ग हुदै लाटिझोडा चोकमा अन्त्य हुने ५.०३० किलोमिटर लम्बाई भएको सडक खण्डको स्तरोन्नति गर्ने भएको छ । यसै सिलसिलामा उक्त सडक खण्डको बिस्तृत परीयोजना प्तिबेदन तयारीका चरणमा गरीने वाताबरणिय तथा सामाजिक व्यवस्थापन योजना (ESMP) तयारीका लागि परामर्शदाताका DSC Team, नगरपालिका र आयोजनाबाट प्रभाबित हुने बासिन्दा / जग्गा धनिहरूका बिच निम्न उल्लेखित स्थान र मितिमा हुने बिस्तृत छलफल तथा अन्तरकृया कार्यक्रममा उपस्थित हुनका लागि सम्बन्धित सबै सरोकारवालाहरूलाई सुचित गरीन्छ ।

লিকান বুলা মন্তন নিয়াল

<u>अन्तरकृया हुने मिति र स्थानः</u> मितिः २०८०/०४/०७ गते आइतबार समयः विहान ११:०० बजे स्थानः सुन्दरहरैँचा नगरपालिका वडा न ६, शिवालय टोल

फोकल इन्जिनियर

"सुन्दरहीँचाको पहिचान : समृद्धि र सुशासन" Phone No.:- 021-545050, 545822,546822, Fax: - 021-545822, Fire Brigade: -021-545666, 021-546666 Website: <u>www.sundarharaichamun.gov.np</u>, Email: <u>sundarharaichamun@gmail.com</u> Meeting minutes of land owner with ward chair and locals for labor camp, stockpile, solid waste, borrow pits etc and land willingness letter of landowner.

ZITST FUTA do TO/ OT/ 93 5TA BELAIL of Ter of dast spareter मगरपालिमा मार्फत कार्याच्या हुई व्हास्त क्रि त्या प्रमेश्वार आयोजगा (NULLP) and ATTICIA UTINIUI) & ATUS, From A Struggeral av 7. 5 41 47 AGAGE STON WIST EG N FRIDA 0171 (VI (0147) 47(30ra) Rear Remover Syguring WIE ISINISI QUILA 277 2 AJUIVI arge 44144 सामाग्र १९ व्यापन जनगा न्याहिने जएको קאיש וולכדב אל איזאין ארו ארו באים באל או אלואניו אל אל אלי א ובא 77141111 , 2131 1 4 40 लगामत व्याम्बान्क्रत वसीसायमाहफ 2140009 , 914/199) 3410-DAN CZIMAR BECHICO at & AIBINIMI erecay vi 21100 41 KIN UNCA nat 1 20 A (n) avice a) AVIEN SHEW! 0 CN 5:41 931 31を44 - 5 9-211 31 Aug three \$10 27 a m 575511 tity, ERNAY 914 202M \$. UIZACO + 2111-21 31099 8. X. 24 M Zei 412 ٤. 5814 OUT ALUAID 2 6. C. ath ar 8. 37910 yot a. arr 90. anvka STOSI MOIC 99. 92. Stad HUICH 13 Sin artur mor याने ल 98 2100 97 white COTT ars STATIO - Consultand 250 SLOF 1921 --09141B70 9114 WEJM gric () oryr Sto MITUL Aure-2014 2) 011-1-9

XG119869 ! AFNIG of 9: Char aniry Fantor aning the solid waste management, spoil disposed Bite, workshop area & concrete batch pland gring stranger 1 HENIG of a: Falaed 1 Fruizes: किर्णाम म.9: अपरीक्त अस्ताव म.9 माछि इलायल भार्त यह महिया שעמו אוז בל מדר אוויז באז שעמועל או אועוצער אין באועעו הב בעוויע, געוויז בדוויז בה וערגעש מרפק געוויט pit, concrete bates plane , spoil disposal area & Solid wask management Bis -corter of the grant Enter 315 94 4 47 5 17511 व्याग्दर्हित्वा वडा म. द किवाम आ के काइले वाइले 193 Humin 200 त anghis dawn succes signa Hrozel क्रासे उसत स्थानमा निर्धाल जाने अनि किर्णाय अस्ति र स्मर्थ आपार्क्तन तथा वालावट्यायिमा केही जातर नर्भे जाहि सीमह स्वानिया गठागा सारत मालामन लएसी हताले लेवर स्माम्पवाट स्निन्द्रि forma holid waste EG #17 will assisted exactativy sig otteri 1 site fairs

		नेपाल स सुन	शहरा विक हरी शासकीय पू दरहरेँचा नग	क्त मन्त्र र्वाधार ारपार्ग	^{ालय} आयोज लेका	नना (NUG ; मोरङ	IP) मितिः्र्स्फ	010719.	3
			मञ्जु स्वेच्छिक जग्गा शामु	रीनाम सहम	ा ति पत्र		+ UVTOF	ILT art +	adar
अन्तर्गत नीजि	सुम्बन्धमा सुम्बरहर श्रेत जिल्ला हुन लागेव जग्गामा लेबर क्याम्प र	भा नगरपालका वाड हो सुन्दा हो सिहिदेशी सुन्दा निर्माण सामग्रीहरु राख्नव	न	चालन भैर बालन भैर बालीफी सांचो हो भ	होको नेप हिको नेप रेपिआयो मनि आप	का नार गल सहरी श जनाको निर्माण हनो वाचा व्यक्त	॥थ्र ॥सकीय पूर्वाधार ग⁄स्तर बृद्धिका ल क गर्दछ । र परिये	मूका २ आयोजना (NUG ागि स्वेच्छाले आप ाजना सहजकर्ताहरू	आरा SIP) ह्नो बाट
प्राप्त रं १.	रोजाइको अवसरलाई . योजग्गा NUGIP अर्न्त्त्रात सडकको	बुफेर पूर्ण जानकारीक हो सहयोगमा सुन्दरहौ निर्माण तथा विकास	साथ यस सहमतिमा चा नगरपालिकामा संच गर्न आयोजनाको तत्पर	पत्रमा हस्त ालन भैरहे तामा सह	ाक्षर गरे को मति गरि	का छु । एको हो ।		उपआयोज	नना
بر بر بر	. यो लेबर क्याम्प र वि प्रकारको निर्माण व . आयोजनाले उल्ले . उल्लेखीत सबै प्राव	नेर्माण सामग्रीहरु राख्नको कार्यमाथि बााधा पुर्याज खेत उद्देश्यका लागि यं वधानहरु यो कागजमा	लागि दिएको जग्गामा उने छैनौ । यदि त्यसो ग ो सम्पत्तिको सहमतिला हस्ताक्षर भएको मितिदे	कुनै किरि ारेमा हार्म ई स्वीका खि लागू	समको क्ष ो नियम. र गर्न सा हुनेछ ।	तिपूर्तिको दावी ∕कानूनअनुसार हमत छ ।	गर्ने छैनौं साथे य सजायको भागी हु	ो जमीनमा गरिने व ने छैं।	कुने
सि.नं	घर धनिको नाम	बावुको नाम	ठेगाना ∕वार्ड नं.	सिट नं.	कि.नं	क्षेत्रफल बग लेबर क्याम्प क्षेत्रफल (बर्ग मि)	िमिटर निर्माण सामग्रीहरू राख्ने क्षेत्रफल	हस्ताक्षर	
9.	স্কাঁসিন হাই	got o Erg 23	धुन्हर्होत्य व.या. इ. ल्लारिज़ो			ga 4561	(वर्ग मि.) २० उन्हूर्ग	pay	
तेश्रो	। पक्ष (साक्षि)	सिफारिर	र गरि पठाउने						
	<i>s</i> / a	ाडा अध्यक्ष, सुन्दर	हरैँचा नगरपालिका,	वडा नं	ξ,				
As									

IEE Approval by Municipality

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

मिति २०७९ भदौ ६ गते सोमबार दिनको ४ बजे नगर प्रमुख श्री केदारप्रसाद गुरागाईको 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 सुन्दरहरैँचा 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 (जस्तैः ट्रिपर, ट्रयाक्टर आदि) सम्झौता गरी बहालमा लिन पाउने व्यवस्था भएकोमा व्यवसायीले उपकरणहरू बहालमा लिए बापत् 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 ।

<u>निर्णय नं. ४</u> यस नगरपालिकाको वडा नं. १ स्थित साविकको प्राथमिक स्वास्थ्य केन्द्र, हर्रैचालाई 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। तपसिलः

(क) पुरानो मितिमा घरनक्सा पासका लागि दरखास्त बुझाएको तर हालसम्म पनि घरनिर्माण सम्पन्न/अभिलेखीकरणको प्रक्रिया पूरा नगरी म्याद गुज्रिएका 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 कित्ताकाट आदि पाइएमा स्थलगत निरीक्षण गरी प्राविधिकको प्रतिवेदनका आधारमा निर्माण सम्पन्न प्रमाण-पत्रको नामसारी वा घर/भवन अभिलेखीकरणको प्रमाण-पत्र जारी गरिदिने।





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

मिति २०८० असोज १७ गते बुधबार दिनको ३ बजे नगर प्रमुख श्री केदाप्प्रसाद गुरागाईको अप्यक्षतामा बसेको सुन्दरहरैंचा 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 सुन्दरहरींचा नगरपालिका क्षेत्रभित्र रहेका गछिया खोला, लोहोन्द्रा खोला र बुढी खोलामा यस अगाढि ३ पटक ठेक्का आह्वान गर्दा समेत ठेक्का नलागेको, नदीजन्य पदार्थको विषय प्रदेश सरकारसँग जोडिएको हुँदा भिति 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 राजच सङ्कलन अनुमान गरे बमोजिम सङ्कलन नहुने देखिएको तथा मिति २०८०/०५/१८ गतेको स्थानीय राजच परामर्श समितिको सिफारिस समेतलाई घ्यानमा 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 नघटूने गरी ठेक्का अंक कायम गर्दै १५ दिनको समय राखी ठेक्का आह्वान गर्न कार्यालयलाई निर्देशन दिने निर्णय गरियो। बुढी खोलाका नाकाहरुबाट उत्खनन गर्न सकिने नदिजन्य पदार्थको विवरण

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

लोहोन्द्रा खोलाका नाकाहरूबाट उत्खनन गर्न सकिने नदिजन्य पदार्थको विवरण

C B F

Letter from Sundarpur Drinking water and sanitation user committee



श्रीमान जो जस सँग सम्वन्ध छ ।

विषय - <u>खानेपानी पाइप लाइन सम्वन्धमा।</u>

प्रस्तुत विषयको सन्दर्भमा मोरङ जिल्ला सुन्दरहरेंचा 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 सम्स्या नरहने बेहोरा जानकारी गराइन्छ ।

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Meeting minutes with Women Group

अभ मिलि 201010013 जाते खीमवाटका दिन यम युग्दर्ही - 1 नगरएगलिक) वडा जन्हाक सी अन्त्रीय लि म्रदेन ड्यूकी द्राख्यस्तामा अत्रही ना नगदपालिका नडा म. ह हिएल विवालप ही जमा नेपाल काहरी कारतकीय 180 कार्यव्यमग all mrasher) garman HEART प्रबंधमा आयीजना लालगेल यस बडा ने. इ मा परी HENIG 517 कार्यका क्ती (गर्गात 20 अातीन्गीरा क्या क रवर की 2 dal 4101 CZACLINA सामानिक 2 arragvily 59 ATT 941 SER.A 4 521511 आलिका ए द्यानिय arth त यारी की DSL TEAM 21771 इलामल तथा जाता सिया 94 IGEAN 3114014 5175110/81941 105 Samedan! 418 miles 21rur1 121 antis anti 0191 samo 215111 2नापा जेन C3/0 69/141 181ra Strangely गरियो / उक्त 517 atrung कार्य 27 कलन 22001 341KBIN 5 वमोठिमको 0 as yerenu IN'SS'LA STUUR 9.) 11/ 300 \$757-171 astor 3Aty til 2.) E21 N-94 aliy ars मानि 3.) 2595 14 8.) 0 31act 2.) STUN अपिता ZE 3.) 0,00 . . कारी माया 2ms भुभीदिना र ह 6.) 218 rection E.J tean ที่บา तिम piles 8) PENTERS. MINIS. 90) 01 र्षास्त्री आखें तामज 991 0106 991 19.5. THORA 931 . natoninis. 981 97 1241 215 Matrice द्यापा जिन पु (शा विज्ञ ream DSC ut som 9.) विनीय 50-57141 मुप्टा + anne d.)

आज भाषा उल्लेखिल महातुभावस्त्री उपस्थितमा अपनी इलाल १.) थस गगापालिकाकी यहा में दुमा पत agourterar ८ यु ज्या मार्ग हुदि जाती को छ। सरक ४२ फिर जित्र पहिली में का यम गएकी इनाले AFRITON HERAL को जान्ध्र भा davia वार) 9नाउँदा Цики, aren किरीस तहुर द unte dan? परियोजना स्रतिषेधा (अपन) तया जोरी MAHIL AFAN विर्णाय आयी। d.) २२ 5 मियाण गर्दा दोजागारीको पहिलो साध्यिकता द्यामित aileralevents 12347 Eronani Arra Some गरियी। 3.) WH ALWIGN 2734 41 TO BOMMEN STER ZAUSECTER MOI CUILLANT Entrala such state 957. 56 4155 कार्याचा चड्रमपा Engin हुन खब्रे र्यापा जिन्ह olacacvity MOISTON 4813 Grandul an same DIVI for niviay 8.) 23 45 Rount ET GAT BOIL, AND ROVVI (माम्या र с्यातक) नित्मन जारकार्या वित्तूत STENT 21521 Ewind (2 FT 31 Sec.

Public Consultation meeting minutes

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Consultations with IPs, Ward-6, Dipu tole

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Consultations with IPs, Ward-6, Gumba tole

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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: 2080/03/24 Venue: Sunshrpur Khanepon' Tatha Sunote Upbhikts

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Suggestions:

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- 2 प्रधामित्र मोरे व्हाइक स्नानु पते,
- 2. यो अहेरतर म्युक्वा आर्त सरदम्प्रको अत्वेकार क्षेत्र १४ भरूर कायम त्ररेको हुँछ। हा व क्रेस प्रियर स्वरचताहर त्र हहराहर हापने हैंग लिर्णावर को अगगा क्यांगे लहुने
- अ अहिना हिंसा व्युच्ध की युद्ध क्रेंट घटना माम हुते, आहिना हिंसा. यारेषु हिंसा, करन आहि व्युट्ध खटना माम्ये के स्तिमि आफेत आह्ताही आगारी बदावने।
- ४) यस स्टब्क छपआणि प्रति व्यमेरेते वडा ने. 6 र र वडा ने. 6 मा होष्ट्रिक हिंसा, न्हे वी बेही के य विरवत स्वरूष्ट्र की आदेलि नेपाल को देका होपाल, आदेलि होपाह्ना, पाहत, व्यस्ताचे काम गर्दकी

Stakeholders Consultation Nepal Urban Governance and Infrastructure Project (NUGIP) ESIA and ESMP of Maheshwor Subba marga-Latijhoda Road of Sundarharaicha Municipality, Morang Attendance Sheet Date: 2050103102 Venue: Khorspright Chook ward NO.6 Name: parshuram Ray Occupation/Organization: チャパティ > धेरी भर्ची वारी वर धुरेको Survey हुन्द वारी करीन भन वारी चार्टी वहा वमाइन प्रमार । > वारी मवनेकाले खुल्में मेरे धरों भएमले वारो का हिआ नि एमना -> वाही वनाइँदा विन्ध वाही वाह वरावरी जटी वाही वनारत पर्यों। -> वाही बनाइँदा इनलस्तरा वनाडी वैला वह्नीबाह हाहा शाहर arist uni Signature:

Stakeholders Consultation Nepal Urban Governance and Infrastructure Project (NUGIP) ESIA and ESMP of Maheshwor Subba marga-Latijhoda Road of Sundarharaicha Municipality, Morang Attendance Sheet Date: 202023) 99 Venue: Taldidy Name: dal add Topad Occupation/Organization: Arryon14 Stork, 4664 9571.6 Comments/Suggestions: 9. यो तारो तन्द अर्जेट वडालासीरू खरी अएमे घोरेंपटक ओं तर जमीने पनी लियाल हनुपोर्डो ह। तर आन केरी वारों वन्द अको अनेको सन्दा वडातापीरह हर्षित हुनुआको द वडा वासीरस्को ज्यसीमें जनसङ्ख्यो जन्मीतनी महस्को रुवि हो। त्योंके जानमें वारो वनपता। 2 लाहो बनाउदा सडफ लत्नी बनी राखीयोख। 3 लाहो वनाउदा जलकन पालीन्द्र त्ये उनलकनको. हर्माने नडावाजी रहलाई असर लागते गोट काम गरियोग ६ म स्वदा द्रया कारणासिता तडा ते. द को मेहिता मार्ज लनाउदा रवेरी यही वजना वडालासीहरू राजाउाए 41391 2 बारो बनाउदा यल वडामा अभारते पानीलाई बिपनी जिकाला पनी जारीयोला

gani Stakeholders Consultation Nepal Urban Governance and Infrastructure Project (NUGIP) ESIA and ESMP of Maheshwor Subba marga-Latijhoda Road of Sundarharaicha Municipality, Morang Attendance Sheet Date: 2086/03/11 Venue: ShPralaya Tole, ward No. 6 Name: 5its Devo (ZUNING Occupation/Organization: ... > धीरे भाषी वारी बलित्हु तर वारी आभ वने हेन अन पाहि बारी पांडे वन्युपर्यों।) बारी वनाडया centre line बार वडावड हियाव गरेंद किल्ला गर्नुपर्य -> वारी जल्दी अए पनि वतन 420 1 > Row clear & केटी रामस्या आए हामी संहमोग मही !



Signature:

Consultation with Chairperson of Mother Group

Stakeholders Consultation Nepal Urban Governance and Infrastructure Project (NUGIP) ESIA and ESMP of Maheshwor Subba marga-Latijhoda Road of Sundarharaicha Municipality, Morang Attendance Sheet Date: 2080/03/19 Venue: 132 2127. 43-22 EC7-11-Name: देख कुमारी राई Occupation/Organization: CAI 22 CI 31171 Comments/Suggestions: 9. जाटो जुहालासि वन्तु पन्यी। 2. जाहोनी दुई लर्फ नाला राखीनु पन्यी । ३. जाटो बनाउूने आल्पलन जन्दा पनि छिटो वाटी वन्त्र चन्यी। ४. हिंचु न्योक एउटा किंचल ४ तर्फ आगे जाती अहला देया सान्द्र्य दिने परिणान करितनी न्योछ न्त्रिण गरियोन्य (ग्रेग) ४. वाटी वन्ने क्राफा खुल्मी उद्दे गएनाले हे ध्यूलो तियन्त्रण का लगगी लगम यामय भा पानि दिहीयीन् पन्यों। ध वाले वन्त्रे कुल्ला स्थान्त्रि वसीन्दालगई आई में रोजगर की व्यवत्या के पन्थी। 6. अलक्न पलाउदा वस्ती भन्दा ताढा पलाउनु पन्मी 1 Signature: र. आमा एक्टलमई रंगानीम जातीन्दा लाई जेलना-जुल्ग्क तालिग जाह दिनु हुन अनुरोध है। ह. बाते बनाइने क्रमा आमा एक्ट्रको स्ट्रेव एहमेजा-जन रुमार हों। वाधा विरोध जान दोनों। दिविकार्स Signature:

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Meeting minutes with locals including women and IPs.

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पान नं. ६०११२१७८२ दत्तां नं. MOR/LA/56/01 "रुख रोपौ/पर्यावरण जे सिद्धार्थ सामद्रयिक वन) उपभोक्ता समह सन्दरहरेचा मारड स्थापत- २०४४ प.सं.०८०/०८१ च.नं. २४ मिति:-२०८०/०६/२८ गते श्रीं नेपाल शहरी शासकिय तथा पूर्वाधार आयोजना ĩ वबरमहल,काठमाडौँ विषय,:-, सिफारिस गरिएको वारे। उपरोक्त,सम्बधमा विश्व बैंकको आधिक सहयोग र नेपाल शहरी शासकिय तथा पूर्वाधार आयोजना मार्फत सुन्दरहरैचा नूगरपालिकाको वडा नं. ६ मा आयोजना (NUGIP) वाट कार्यान्वयन गरिने प्रस्ताबित महेश्वर सुब्बा मार्ग देखि लाटिफोडा सडक (४.०३० कि.मि.) कार्यान्वयन चरणमा पुगेको रांउक्त आयोजना सुन्वालन हुने क्षेत्र यस सुन्दरहरैंचा नगरपालिका वडा नं. ६ मा पर्ने श्री सिदार्थ सामुदायिक वनको क्षेत्र आयोजना क्षेत्रको ROW भित्र नपर्ने साथै कुनै किसिमको बाधा बिरोध नभएको व्यहोरा सिफारिस साथ अन्रांध गरिन्छ । अध्यक्ष (प्रकाश तामाङ) सि. सा.व.उ.स.

Letter from Siddartha Community Forest User Group

रतां न MOR/LA/56/03 पान नं. ६०३८०९.३८१ "स्व रोपौ, वन जोगाऔ" हरियाली सामुदायिक वन उपमोक्ता समुह सन्दरहरैचा- ४ र ६) मोरङ मिति २०८० ०६ ३० स्था: २०५६ प.स. २०६०/०६१ 19 च.न.29 विपय : सिफारिस सम्बन्धमा । श्री नेपाल शहरी शासकयि तथा पुर्वाधार आयोजना ककरमहल ,काठमान्डौ । उपर्युक्त सम्बन्धमा बिश्व बैंकको आर्थिक सहयोग र नेपाल शहरी शासकीय तथा पुर्वाधार आयोजना मार्फत सुन्दरहरैचा नगरपालिका वडा नं. ६ मा आयोजना (NUGIP) याट कार्यान्वयन गरीने प्रस्ताबित महेश्वर सुव्या मार्ग देखी लाटीफोडा सडक (४.०३०) कि.मी. कार्यान्वयन घरणमा पुगेको र उक्त आयोजना सञ्चालन हुने क्षेत्र यस मुन्दरहरेचा नगरपालिका वडा नं. ६ मा पर्ने हरियाली सामुदायिक बन उपभोक्ता समुह बनको क्षेत्रको ROW भित्र नपर्ने कुनै किसीमको याधा विरोध नभएको व्यहोरा सिफारीस साथ अनुरोध गरिन्छ । अध्यक्ष ह.सा.व.उ.स.

Letter from Hariyali Community Forest User Group

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)	

Parameters	Units	Averaging Time	Concentration in Ambient Air, Maximum
TSP	μg/m³	24 - hours	230
PM ₁₀	μg/m³	24 - hours	120
PM _{2.5}	μg/m³	24 - hours	40
Sulfur Dioxide	μg/m³	Annual	50
		24-hours	70
Nitrogen Dioxide	μg/m³	Annual	40
		24-hours	80
Carbon Monoxide	μg/m³	8hours	10000
Lead	μg/m³	Annual	0.5
Benzene	μg/m³	Annual	5
Ozone	μg/m³	8-hours	157

(B) National Ambient Air Quality Standard, 2069 BS

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

(C) National Sound Pressure Level, 2069

Microenvironment	Sound Pressure Level, LeqdB(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)	СО	HC	NOx	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 & 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 Ne	GOEC Nepal P Ltd, C2TECH Pvt Ltd,GIDA Nepal P Ltd, BEAM Consult P Ltd, COEMANCO								
	NEPAL (P	NEPAL (P) Ltd JV, Kathmandu								
Sampling location	Sundar H	Sundar Haraicha Municipality, Ward No. 5 GPS Point: 26°40'6.80"N 87°19'1.04"E								
	Maheshy	Maheshwor Subba Marg Sadak (5+075)								
Project	Consultin	ng Services for Design and Supervisi	on Consultant (DSC) Sundarharaicha,							
	Design a	nd Supervision Consultancy for Nep	al Urban Governance and Infrastructure							
	Project(N	NUGIP)								
Sampled by	Environn	nent Management And Analysis Ser	vices P. Ltd., Dillibazar, Kathmandu							
Sampling Date	05 - 06 S	eptember 2023								
Report Date	20 Septe	mber, 2023								
Instrument used	Respirab	Respirable Dust Sampler (GTI 151) and Combined Sampler (GTI 241)								
		Result								
Parameter	Parameter NAAQS Obse		Method							
	•									
TSP (µg/m³)	230.0	146.8	IS 5182 (Part 14)-2000 (reaffirmed 2005)							
PM ₁₀ (μg/m³)	120.0	68.4	IS 5182 (Part -23):2006							
PM _{2.5} (μg/m ³)	40.0	26.2	IS 5182: Part 24: 2019							
SO ₂ (µg/m³)	70.0	5.8	IS 5182 (Part 2)-2006							
NO ₂ (µg/m ³)	80.0	9.3	IS 5182 (Part 6)-2006							
CO (μg/m³)	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.

Bloke Dre. Sampled by

Fostaly Checked by

Environment Management 8 Analysis Services P. Ltd



Email: emas@emas.com.np, emasenv@gmail.com Website: emas.com.np

ANALYSIS REPORT FOR AMBIENT NOISE LEVEL

Report Number		16/N/080-8	31		Sample		le Numl	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 locat	tion	Sundar Har	aicha Muni	cipality	y, War	d No. 5	GPS	GPS Point: 26°40'6.80"N			
		Maheshwo	r Subba Ma	rg Sad	lak (5-	+075)	87°1	9'1.04"E			
Project		Consulting	Services for	Desigr	n and	Supervision Cor	sultant	(DSC) Sunda	rharaicha,		
		Design and	Supervision	n Consu	ultand	y for Nepal Urb	an Gove	rnance and	Infrastructur	e	
		Project(NU	GIP)								
Sampled by		Environme	nt Manager	nent Ar	nd An	alysis Services P	. Ltd., Di	llibazar, Kat	hmandu		
Report Date		20 Septemi	ber, 2023								
Instrument use	ed	LUTRON SL - 4033SD									
Test method		Noise Meas	surement P	rotocol	l (Cen	ntral Pollution Control Board, India)					
		No	ise Level (d	BA)				Noi	se Level (dB/	A)	
Hours	Time	Lmax	Lmin	Leo	q	Hours	Time	Lmax	Lmin	Leq	
Hours 06:00 - 07:00	Time	Lmax 53.4	Lmin 43.6	Lec 47.	q .8	Hours 18:00 - 19:00	Time	Lmax 58.2	Lmin 46.3	Leq 51.7	
Hours 06:00 - 07:00 07:00 - 08:00	Time	Lmax 53.4 51.2	Lmin 43.6 44.5	Leo 47. 49.	q .8 .6	Hours 18:00 - 19:00 19:00 - 20:00	Time	Lmax 58.2 56.8	Lmin 46.3 44.2	Leq 51.7 49.8	
Hours 06:00 - 07:00 07:00 - 08:00 08:00 - 09:00	Time	Lmax 53.4 51.2 68.2	Lmin 43.6 44.5 51.2	Lec 47. 49. 54.	q .8 .6 .4	Hours 18:00 - 19:00 19:00 - 20:00 20:00 - 21:00	Time	Lmax 58.2 56.8 52.8	Lmin 46.3 44.2 42.0	Leq 51.7 49.8 50.3	
Hours 06:00 - 07:00 07:00 - 08:00 08:00 - 09:00 09:00 - 10:00	Time	Lmax 53.4 51.2 68.2 69.5	Lmin 43.6 44.5 51.2 49.3	Lec 47. 49. 54. 51.	q .8 .6 .4 .4	Hours 18:00 - 19:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00	Time	Lmax 58.2 56.8 52.8 50.3	Lmin 46.3 44.2 42.0 41.6	Leq 51.7 49.8 50.3 47.5	
Hours 06:00 - 07:00 07:00 - 08:00 08:00 - 09:00 09:00 - 10:00 10:00 - 11:00	Time	Lmax 53.4 51.2 68.2 69.5 67.4	Lmin 43.6 44.5 51.2 49.3 48.9	Lec 47. 49. 54. 51. 51.	q .8 .6 .4 .4 .8	Hours 18:00 - 19:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00 22:00 - 23:00	Time	Lmax 58.2 56.8 52.8 50.3 50.8	Lmin 46.3 44.2 42.0 41.6 41.8	Leq 51.7 49.8 50.3 47.5 46.6	
Hours 06:00 - 07:00 07:00 - 08:00 08:00 - 09:00 09:00 - 10:00 10:00 - 11:00 11:00 - 12:00	Time	Lmax 53.4 51.2 68.2 69.5 67.4 64.5	Lmin 43.6 44.5 51.2 49.3 48.9 53.2	Lec 47. 49. 54. 51. 51. 51.	q .8 .6 .4 .4 .8 .6	Hours 18:00 - 19:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00 22:00 - 23:00 23:00 - 00:00	Time	Lmax 58.2 56.8 52.8 50.3 50.8 51.1	Lmin 46.3 44.2 42.0 41.6 41.8 41.3	Leq 51.7 49.8 50.3 47.5 46.6 45.8	
Hours 06:00 - 07:00 07:00 - 08:00 08:00 - 09:00 09:00 - 10:00 10:00 - 11:00 11:00 - 12:00 12:00 - 13:00	Time Day	Lmax 53.4 51.2 68.2 69.5 67.4 64.5 65.3	Lmin 43.6 44.5 51.2 49.3 48.9 53.2 51.9	Lec 47. 49. 54. 51. 51. 54. 54. 58.	q .8 .6 .4 .4 .8 .8 .6 .2	Hours 18:00 - 19:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00 22:00 - 23:00 23:00 - 00:00 00:00 - 01:00	Time Night	Lmax 58.2 56.8 52.8 50.3 50.8 51.1 50.3	Lmin 46.3 44.2 42.0 41.6 41.8 41.3 40.1	Leq 51.7 49.8 50.3 47.5 46.6 45.8 44.3	
Hours 06:00 - 07:00 07:00 - 08:00 08:00 - 09:00 09:00 - 10:00 10:00 - 11:00 11:00 - 12:00 12:00 - 13:00 13:00 - 14:00	Time Day	Lmax 53.4 51.2 68.2 69.5 67.4 64.5 65.3 68.2	Lmin 43.6 44.5 51.2 49.3 48.9 53.2 51.9 50.5	Lec 47. 49. 54. 51. 51. 54. 54. 58. 59.	q .8 .6 .4 .4 .8 .6 .2 .8	Hours 18:00 - 19:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00 22:00 - 23:00 23:00 - 00:00 00:00 - 01:00 01:00 - 02:00	Time Night	Lmax 58.2 56.8 52.8 50.3 50.8 51.1 50.3 50.8	Lmin 46.3 44.2 42.0 41.6 41.8 41.3 40.1 40.5	Leq 51.7 49.8 50.3 47.5 46.6 45.8 44.3 44.3	
Hours 06:00 - 07:00 07:00 - 08:00 08:00 - 09:00 09:00 - 10:00 10:00 - 11:00 11:00 - 12:00 12:00 - 13:00 13:00 - 14:00 14:00 - 15:00	Time Day	Lmax 53.4 51.2 68.2 69.5 67.4 64.5 65.3 68.2 76.4	Lmin 43.6 44.5 51.2 49.3 48.9 53.2 51.9 50.5 53.2	Lec 47. 49. 54. 51. 51. 54. 58. 58. 59. 55.	q .8 .6 .4 .4 .8 .6 .2 .8 .2 .2	Hours 18:00 - 19:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00 22:00 - 23:00 23:00 - 00:00 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00	Time Night	Lmax 58.2 56.8 52.8 50.3 50.8 51.1 50.3 50.8 50.1	Lmin 46.3 44.2 42.0 41.6 41.8 41.3 40.1 40.5 42.6	Leq 51.7 49.8 50.3 47.5 46.6 45.8 44.3 44.3 44.8 45.4	
Hours 06:00 - 07:00 07:00 - 08:00 08:00 - 09:00 09:00 - 10:00 10:00 - 11:00 11:00 - 12:00 12:00 - 13:00 13:00 - 14:00 14:00 - 15:00	Time Day	Lmax 53.4 51.2 68.2 69.5 67.4 64.5 65.3 68.2 76.4 66.5	Lmin 43.6 44.5 51.2 49.3 48.9 53.2 51.9 50.5 53.2 53.2 51.4	Leo 47. 49. 54. 51. 51. 54. 58. 59. 55. 54.	q .8 .6 .4 .4 .8 .6 .2 .2 .2 .2	Hours 18:00 - 19:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00 22:00 - 23:00 23:00 - 00:00 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 03:00 - 04:00	Time Night	Lmax 58.2 56.8 52.8 50.3 50.8 51.1 50.3 50.8 50.1 56.7	Lmin 46.3 44.2 42.0 41.6 41.8 41.3 40.1 40.5 42.6 42.8	Leq 51.7 49.8 50.3 47.5 46.6 45.8 44.3 44.8 45.4 45.4	
Hours 06:00 - 07:00 07:00 - 08:00 08:00 - 09:00 09:00 - 10:00 10:00 - 11:00 11:00 - 12:00 12:00 - 13:00 13:00 - 14:00 14:00 - 15:00 15:00 - 16:00 16:00 - 17:00	Time Day	Lmax 53.4 51.2 68.2 69.5 67.4 64.5 65.3 68.2 76.4 66.5 67.6	Lmin 43.6 44.5 51.2 49.3 48.9 53.2 51.9 50.5 53.2 51.4 51.1	Lec 47. 49. 54. 51. 51. 54. 58. 59. 55. 55. 55.	q .8 .6 .4 .4 .8 .6 .2 .2 .2 .2 .1	Hours 18:00 - 19:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00 22:00 - 23:00 23:00 - 00:00 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 03:00 - 04:00 04:00 - 05:00	<u>Time</u> Night	Lmax 58.2 56.8 52.8 50.3 50.8 51.1 50.3 50.8 50.1 56.7 55.8	Lmin 46.3 44.2 42.0 41.6 41.8 41.3 40.1 40.5 42.6 42.8 44.6	Leq 51.7 49.8 50.3 47.5 46.6 45.8 44.3 44.8 45.4 45.4 44.1 48.3	
Hours 06:00 - 07:00 07:00 - 08:00 08:00 - 09:00 09:00 - 10:00 10:00 - 11:00 11:00 - 12:00 12:00 - 13:00 13:00 - 14:00 14:00 - 15:00 15:00 - 16:00 16:00 - 17:00 17:00 - 18:00	Time Day	Lmax 53.4 51.2 68.2 69.5 67.4 64.5 65.3 68.2 76.4 66.5 67.6 66.4	Lmin 43.6 44.5 51.2 49.3 48.9 53.2 51.9 50.5 53.2 51.4 51.1 48.3	Lec 47. 49. 54. 51. 51. 54. 58. 59. 55. 54. 55. 55. 55. 55.	9 .8 .6 .4 .4 .8 .6 .2 .2 .2 .2 .2 .1 .8	Hours 18:00 - 19:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00 22:00 - 23:00 23:00 - 00:00 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 03:00 - 04:00 04:00 - 05:00 05:00 - 06:00	Time Night	Lmax 58.2 56.8 52.8 50.3 50.8 51.1 50.3 50.8 50.1 56.7 55.8 56.7	Lmin 46.3 44.2 42.0 41.6 41.8 41.3 40.1 40.5 42.6 42.8 44.6 43.8	Leq 51.7 49.8 50.3 47.5 46.6 45.8 44.3 44.3 44.8 45.4 45.4 44.1 48.3 47.6	
Hours 06:00 - 07:00 07:00 - 08:00 08:00 - 09:00 09:00 - 10:00 10:00 - 11:00 11:00 - 12:00 12:00 - 13:00 13:00 - 14:00 14:00 - 15:00 15:00 - 16:00 16:00 - 17:00 17:00 - 18:00	Time Day	Lmax 53.4 51.2 68.2 69.5 67.4 64.5 65.3 68.2 76.4 66.5 67.6 66.4 Leq aver	Lmin 43.6 44.5 51.2 49.3 48.9 53.2 51.9 50.5 53.2 51.4 51.1 48.3 'age (Day)	Lec 47. 49. 54. 51. 54. 54. 55. 55. 55. 55. 55. 55. 55. 55	q .8 .6 .4 .4 .8 .6 .2 .2 .2 .2 .2 .1 .8 .8 .8 .8 .8	Hours 18:00 - 19:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00 22:00 - 23:00 23:00 - 00:00 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 03:00 - 04:00 04:00 - 05:00 05:00 - 06:00	Time Night	Lmax 58.2 56.8 52.8 50.3 50.8 51.1 50.3 50.8 50.1 56.7 55.8 56.7 Leq aver	Lmin 46.3 44.2 42.0 41.6 41.8 41.3 40.1 40.5 42.6 42.8 44.6 43.8 age (Night)	Leq 51.7 49.8 50.3 47.5 46.6 45.8 44.3 44.8 45.4 44.1 48.3 47.6 47.2	

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.

Bite Ou.

Feshalofly

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Sampled by

Checked by

Authorized by

Environment Management & Analysis Services P. Ltd

ENVIRONMENT MANAGEMENT Regd No.: 127787/071/72 Jwagal, Lalitour, Nepal 2 ANALYSIS SERVICES P. LTD

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

Client: GOEC Nepal P Ltd, C2TECH Pvt Ltd, GIDA Nepal P Ltd, BEAM Sample Sources: Hand Pump Consult P Ltd, COEMANCO NEPAL (P) Ltd JV, Kathmandu Owner: Mitra Lal Adhikari Year of installation: 2015 Sample Location: Sundar Haraicha Municipality, Ward No. 5 Maheshwor Subba Marg Sadak (5+075) Depth of hand pump: 25 feet GPS Point: 26°40'6.87"N 87°19'1.11"E Sampling Date: 06 September, 2023 Report No: 18/W/080-81 Received Date: 07 September, 2023 Report Date: 20 September, 2023 Analysis Period: 07 - 10 Sept, 2023 Sampled by: EMAS P. Ltd. Project: Consulting Services for Design and Supervision Consultant (DSC) Sundarharaicha, Design and Supervision Consultancy for Nepal Urban Governance and Infrastructure Project(NUGIP) Parameters Unit NDWQS Observed Test Methods Values 6.5 - 8.5 4500-H⁺ B, APHA, 22nd EDITION 6.6 pН -2120 B, APHA, 22nd EDITION Colour -5 (15) <0.1 NTU 2130 B, APHA, 22nd EDITION Turbidity 5 (10) <1.0 2510 B, APHA, 22nd EDITION Electrical Conductivity μS/cm 1500 172.0 Temperature (Lab) °C 23.0 2550 B., APHA, 22nd EDITION Total Hardness mg/I as CaCO₃ 500 63.0 2340 C, APHA, 22nd EDITION Chloride 250 6.2 4500-CI B, APHA, 22nd EDITION mg/l 4500-NH₃ C., APHA, 17TH EDITION Ammonia mg/l 1.5 0.08 4500-NO3- B., APHA, 22nd EDITION Nitrate mg/I as NO₃ 50 0.13 3112 B., APHA, 22nd EDITION 0.3 (3) 0.16 Iron mg/l Manganese <0.02 3112 B., APHA, 22nd EDITION mg/l 0.2 0.05 < 0.01 3114 C, APHA, 22nd EDITION Arsenic mg/l 9221 C., APHA, 22nd EDITION E.Coli CFU/100 ml Nil Nil

NDWQS: National Drinking Water Quality Standard (2079), * - Values are upper and lower limit, () -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.

Checked b

Authorized Signature

nvironment Management & Analysis Services P. Ltd

Water Analysis Report

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 VI: List of Zebra Crossings

Annex VII: Code of Conduct (CoC) on GBV

नेपाल शहरी शासकीय तथा पुर्वाधार आयोजना

कार्य स्थलमा हुने यौनजन्य तथा महिला हिंसा सम्बन्धी आचार सहिता

ब्याक्तिगत आचार सहिता

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

- म जातजाति धर्म, भाषा, लिङ्ग, उमेर, राजनितीक वा सामाजिक हैसियत, भौगोलिकता, पहुच, वैवाहिक स्थीती वा अन्य कुनै पनि आधारमा भेदभाव नगरी सबैलाई सम्मानजनक र समान रुपमा व्यवहार गर्नेछु।
- सामाजिक सन्जालको प्रयोग गरी अश्लील शब्द, दृष्य सामाग्री वा कार्यलय समय अघिपछी वार्तालाप मार्फत सहकर्मि / कामदार लाई यौन दुर्ब्याहार गर्ने छैन ।
- कार्यस्थलमा सिही बजाउने, चुम्बन गर्ने ,ब्यात्तिगत उपहार दिने आदि जस्ता कार्य गरी कर्मचारी, सहकर्मि ∕ कामदार लाई यौन दुर्ब्याहार गर्ने छैन ।
- ४. कुनै पनि प्रलोभन∕ धम्की देखाई (जस्तै पदोन्नती लोभ देखाएर,जागीर नदिने धम्की दिएर शोषण गरेर आदि) यौन दुर्ब्याहार पक्षमा सलग्न हुने छैन
- ५. कार्य समयावधि भित्र कुनैपनि मदिराजन्य तथा लागुपदार्थको सेवन गर्ने छैन ।
- ६. परियोजका सरोकारवाला वा वरपरका समुदायका सदस्यहरुलाई कुनैपनि म लैङ्गिक हिसा तथा यौनजन्य दुर्ब्याहार गर्ने छैन ।
- ७. कुनै पनि कर्मचारी/श्रमिक विरुद्व हिँसा गरिएको दोषी ठहरिएमा प्रचलित सघिय, प्रादेशिक, स्थानीय सरकार वर्ल्ड बैक को कानुन , निती नियम अनुसार सजाय/ दण्डित जरिवाना तिर्न तयार हुनेछु।
- कार्य गर्ने शिलशिलामा सम्मानजनक निर्देशनहरुको पालना गर्दछु (वातावरणीयं + सामाजिक)
- ९. मेरो जिम्मेवारी कुशलता र लगनशीलता पुर्वक पुरा गर्नेछु।

- सम्बधित कार्यलय ∕कम्पनीले सन्चालन गरेको विभीन्न प्रशिक्षण कार्यक्रममा सक्रिय रुपमा भाग लिनेछ ।
- 99. परियोजनाका प्रत्यक्ष लाभदायक सदस्य/समुदायमा यौन दुर्ब्याहार/शोषण गर्ने छैन ।
- १२. विश्वासनीयता नैतिक उल्लघनको रिपोर्ट गरेमा कुनै कामदार विरुद्व बदला लिने छैन ।
- 9३. कार्य स्थलमा लैङ्गिक सम्बेदनशिल भाषाको प्रयोग गर्दछ
- १४. कार्यस्थलमा महिला हिसा तथा यौनजन्य क्रियाकलाप लाई प्रोत्साहन गर्ने खालका गतिविधी गर्न दिने छैन ।
- १४. कार्यस्थलमा महिला तथा यौन हिसा गतिविधीहरुलाई प्रोत्साहन गर्ने छैन ।
- 9६. 9८ वर्षभन्दा मुनिका बालिकाहरुमा कुनै डिजीटल मिडीया मार्फत वा कुनै माध्यमबाट ⁄स्वीकृती लिई वा नलिई यौनजन्य क्रियाकलापमा सहभागी हुनेछैन, यदि नाबालिका स्वीकृती लिई यौनजन्य क्रियाकलापमा गरेमा क्षमा हुदैन ।
- ९७. परियोजना कार्यन्वयन को बेलामा यौनजन्य दुर्ब्याहार ∕यौन शोषण भएमा वा आचार सहिता उल्लघन गरेमा वडा∕ नगरपालिका स्तरमा रहेको गुनासो सुनवाई सयन्त्रमा तुरुन्त निबेदन∕जानकारी दिनेछु ।
- ९८. कार्यस्थलमा कसैले यौनजन्य दुर्ब्याहार सम्बन्धी शख्कापद ब्याबहार गरेमा वा शख्कापद कार्य गरेमा तुरुन्त टोली प्रमुख ∕प्रबन्धकलाई जानकारी/निबेदन दिनेछ ।

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

..... व्यवस्थापक∕टोली प्रमुख कर्मचारी/कामदार

Annex VIII: Photographs



Consultation meeting with community at ward 6