

Environmental and Social Management Plan (ESMP)



NEPAL URBAN GOVERNANCE AND INFRASTRUCTURE PROJECT (NUGIP)

Upgradation of DUMARE KHOLA-SUNDADA- TELGAHA-GUFA CHAUR-GAUN DADA- SALLAGHARI-HULUNGDI Road



**Tansen Municipality
Palpa District, Lumbini Province**

MAY 2024

EXECUTIVE SUMMARY

Introduction

The upgrading of Dumare Khola-Sundada-Telgaha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen 6.686 Km length alignment starts at Chainage 1+020 (Shree Mandali Secondary School) and terminates at Chainage (7+706) Gufa Chaur. The road alignment passes through settlement of ward no 10. Its starting point coordinates are 27°48'44.43''N, 83°31'4.69''E and elevation 915m end point coordinates are 27°49'31.46"N, 83°30'23.10"E and elevation 1451m. The proposed project alignment passes through mixed land use and rural settlements. Upgrading of proposed project will make easy access to Gufa Chaur and settlements along the road alignment. All the section of the proposed subproject is located in hilly area and passes through settlements and agricultural lands. The living standard and livelihood of the locals inhabited close to the project alignment will be enhanced. It is anticipated that the implementation of sub-project will further enhance infrastructure development and tourism development in the proposed area. 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 hilly area at the altitude of 900 to 1451 masl with an average climatic normal maximum temperature of 38°C and minimum temperature 12°C as well as the annual rainfall of 1715 mm. Most of the area along the road alignment is being used as agricultural land, community forest and settlement area. The average existing road width is 3.75m. This route passes through 1.87 km of settlement and 2.86 km of agricultural land on either side of the road alignment. The air and noise quality of surrounding areas were tested and found within government Standards. Trees like Chilaune (*Schima wallichii*), Mango (*Mangifera sylvatica*), Simal (*Bombax ceiba*), Sissoo (*Dalbergia sissoo*) and Pine Tree (*Pinus wallichiana*) are found in the project area.

The total population of Tansen Municipality is 50,792 and total household is 14,782. The average household size of the municipality is 3.43. The male and female population of the municipality is 23,414 and 27,378 respectively and sex ratio is 85.52. The total population of project-affected ward 10 is 2,813 and the total number of households is 827. The average household size of the project wards is 3.4. Total male population of the project wards is 1293 and total female population of the project wards is 1520. The sex ratio of the project wards 0.85. The project area is inhabited by Magar, Brahman, Chhetree, Kami, Newar, Sarki and come Dalit communities. There is presence of mixed groups of castes and ethnicities in the project area. The total households along the road alignment are 217 with total population of 651 having 301 male population and 350 female population. The majority of the people of this area are involved in agriculturally based work, business, labor work, and foreign employment. Lifting water supply project of Telgha water supply and sanitation user committee provides drinking water supply in this area but no integrated wastewater disposal system in the municipality. Shifting of 6 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 15m RoW of the subproject for the entire 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 locals. 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 facilities 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 during the construction stage. 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. 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 equipment like PPE. For plantation on edge

of the road, local species of plant will be given priority. Appropriate bio/civil engineering structures 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 established 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 Tansen 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

परिचय

तानसेन नगरपालिका मा प्रस्ताव गरिएको ६.६८६ कि.मी. लम्बाइको डुम्रेखोला सुनडाँडा तेलघा गुफाचौर गाँउडाँडा सल्लाघाँरी होलङ्गदी सडक चेनेज १+०२० (श्री मण्डली माध्यमिक विद्यालय)वाट सुरु भएर गुफा चौर (चेनेज ७+७०६) सम्म रहेको छ। यो सडक तानसेन नगरपालिकाको वडा न. १० का क्षेत्रहरूमा पर्दछ। प्रस्तावित उपआयोजना मिश्रित भू-उपयोग गर्दै, ग्रामीण बस्ती र कृषि भूमि हुँदै जाने यस आयोजना पाहाडी भूभागमा पर्दछ। यस आयोजनाको बाटोको वरिपरिका वस्तीका स्थानीयहरूको जिवनस्तर र जीविकोपार्जनमा सुधार ल्याउनेछ र यसले पर्यटकीय एवम धार्मिक महत्वको वोकैको गुफाचौर क्षेत्रको पहुँचमा सहयोग पुग्ने छ। यस खण्ड 27°48'44.43''N, 83°31'4.69''E वाट सुरु भई 27°49'31.46''N, 83°30'23.10''E अन्य हुन्छ। यस उपआयोजनाले नगरपालिकाको शहरी विकास योजना, पूर्वाधार विकास र संस्थागत विकासमा नगरपालिकाको क्षमतामा सहयोग पुर्याउने अपेक्षा गरिएको छ। प्रस्तावित आयोजना कुनै पनि संरक्षित क्षेत्र जस्तै राष्ट्रिय निकुन्ज, अरक्षण क्षेत्र आदि हुँदै जाँदैन।

विद्यमान अवस्था

यो आयोजना तराईको समथर भू-भागमा समुद्री सतहबाट ९००-१४५१ मि. उचाईमा अवस्थित छ। आयोजना क्षेत्रको नगरपालिकाको औसत अधिकतम तापक्रम ३८ डिग्री सेल्सियस र न्यूनतम तापक्रम १२ डिग्री सेल्सियस का साथै वार्षिक वर्षा १७१५ मिलिमिटर रहेको छ। सडक एलाइनमेन्ट कृषि क्षेत्र, बस्ती क्षेत्र र वन क्षेत्र हुँदै जान्छ। हाल सडकको औसत चौडाइ ३.७५ मिटर छ।

आयोजना क्षेत्रको हावा र ध्वनि गुणस्तर सीमा भित्रनै पाइएको छ। परियोजना क्षेत्रको ध्वनि र हावा सरकारी मापदण्ड भित्र रहेको छ। सडक निर्माणको क्रममा सो सडकमा सवारी साधनको आवागमनमा बाधा पुग्ने सम्भावना रहन्छ। चिलाउने, आँप, सिमल, सिसौ र सल्लाका रुखहरू परियोजना क्षेत्रमा पाइने प्रमुख बनस्पती प्रजातिहरू हुन्।

तानसेन नगरपालिकाको कुल जनसङ्ख्या ५०,७९२ रहेको छ भने कुल घरधुरी १४,७८२ रहेको छ। नगरपालिकाको औसत घरधुरी को आकार ३.४३ छ। यस नगरपालिकाको पुरुष र महिलाको जनसङ्ख्या क्रमशः २३,४१४ र २७,३७८ रहेको छ भने लिंग अनुपात ८५.५२ रहेको छ। आयोजना प्रभावित वडा नम्बर १० को कुल जनसंख्या र घरधुरी क्रमस २,८१३ र ८२७ रहेको छ। प्रस्तावित उपआयोजना क्षेत्रका वार्डहरूको औसत घरको आकार ३.४ छ भने आयोजनाको वडाको कुल पुरुष जनसंख्या १२९३ र महिला वडाको कुल जनसंख्या १५२० रहेको छ। उपआयोजना सञ्चालन हुने वडाहरूको लिंग अनुपात ०.८५ रहेको छ।

आयोजना क्षेत्रमा मगर, ब्रह्माण्ड, छेत्री, कामी, नेवार, सार्की र दलित लगायत जातजातिको बसोबास छ। यस सडकखण्डमा २१७ घरधुरी रहेका छन् भने कुल जनसङ्ख्या ६५१ मध्ये ३०१ पुरुष र ३५० महिला रहेका छन्। यस क्षेत्रका अधिकांश मानिसहरू मुख्यतया जीविकोपार्जनका लागि कृषिमा आधारित काम, व्यापार, श्रमिक र वैदेशिक रोजगारीमा संलग्न छन्। तेलघा 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 ६ वटा विद्युतको पोल सार्नु पर्ने प्रस्ताव गरिएको छ।

यौन शोषण तथा दुर्व्यवहार, लैङ्गिक 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 विद्यमान रहेको छ।

ऐन तथा नीति, नियमको आवश्यकता

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

वर्गीकरण, क्षेत्र निर्धारण, प्रभाव पहिचान, अनुगमन र व्यवस्थापन

परियोजनाको प्रत्यक्ष प्रभाव क्षेत्र सडकको निर्माण क्षेत्र र अप्रत्यक्ष प्रभाव क्षेत्र सडकको क्षेत्राधिकार १५ मिटर रहेको छ। प्रभावहरूको वर्गीकरण तथा संक्षेपीकरण गर्न वातावरणीय तथा सामाजिक चेकलिष्ट प्रयोग गरिएको छ। स्थान विशेषको प्रभावहरू वातावरणीय तथा सामाजिक प्रभाव मूल्याङ्कन मा समावेश गरिएका छन्। केही प्रभावहरू निम्नानुसार छन्।

आयोजना कार्यान्वयनबाट पर्ने सकारात्मक 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। उप आयोजना निर्माण कार्यमा सक्रिय रूपमा सहभागी हुने स्थानीय व्यक्तिहरूले सीप र अनुभव हासिल गर्ने अवसर प्राप्त हुनेछ। यी सीपहरूले उनीहरूको व्यक्तिगत विकास र रोजगारको अवसर अभिवृद्धी गर्न थप मद्दत पुऱ्याउँछ।

सडक पूर्वाधारले बजार र सामाजिक सेवा सुबिधामाहरूमा पहुँच बढाउन महत्त्वपूर्ण भूमिका खेल्छ। सुधारिएको यातायात सुविधाले यस क्षेत्रका बासिन्दाहरूको लागि गुणस्तर पहुँच बढाउन महत्त्वपूर्ण भूमिका खेल्छ। ब्यवस्थीत शहरी सडक पूर्वाधारका कारण सुबिधायुक्त यातायात प्रणालीको संचालनले उक्त क्षेत्रको 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।

आयोजना कार्यान्वयनबाट पर्ने नकारात्मक प्रभाव

निर्माण चरणमा कामदारहरूको आगमनले आयोजना क्षेत्रको सार्वजनिक पूर्वाधार जस्तै सडक, खानेपानी आपूर्ति, परियोजना क्षेत्रको सरसफाइमा असर पार्न सक्छ। धुलो, ध्वनि र निर्माण मेसिनरीबाट निस्कने उत्सर्जनले वातावरणीय प्रदुषण हुन सक्छ। सडक निर्माणले गर्दा निस्कने माटो र निर्माण सामग्री को भण्डारण कार्यले सडक निर्माण र सञ्चालनको चरणमा भूक्षयको समस्या उत्पन्न गर्न सक्छ। साथै सवारी आवागमन, सडकको छेउछाउको नालीमा बगेको पानीले छेउछाउको खेतीयोग्य

जमिनमा माटो कटान समस्या उत्पन्न हुन सक्छ । यो सडक सञ्चालनमा आएपछि बस्ती क्षेत्र र बजार को विस्तार हुन सक्छ जसले सडकको क्षेत्राधिकारको अतिक्रमण बढाउन सक्छ । त्यस्तै सवारी साधनको धुवाँ र धुलोको वृद्धिले वायु र ध्वनि प्रदूषणलाई केही हदसम्म बढाउन सक्छ ।

प्रभाव न्यूनीकरणका उपायहरू

वातावरणीय र सामाजिक प्रभावलाई कम गर्न उप आयोजना निर्माणको क्रममा वातावरणीय र सामाजिक न्युनिकरण उपायहरू अवलम्बन गरिनेछ । प्रतिवेदनले यस आयोजना लाई वातावरणमैत्री बनाउने आयोजना बाट अधिक लाभ उठाउने र प्रतिकूल प्रभावहरू कम गर्न विभिन्न न्युनिकरणका उपायहरू प्रस्ताव गरेको छ । स्थानीय जनतालाई रोजगारीका अवसरमा प्राथमिकता दिइनेछ । वातावरणमा पर्ने प्रतिकूल प्रभावलाई न्यूनीकरण गर्न प्रस्तावित आवश्यक कदम चालिनेछ । कामदारको बीमा, प्राथमिक उपचार सुविधा र पीपीईजस्ता सुरक्षा सामग्री उपलब्ध गराइनेछ । सडकको किनारामा बृक्षारोपणको लागि स्थानीय जातका बिरुवाहरू लगाइनेछ । वातावरण संरक्षण गर्न र सडकको छेउछाउका ढलानहरूलाई यथास्थितिमा स्थिर गर्न उपयुक्त बायो/सिभिल इन्जिनियरिङ संरचनाहरू अपनाइनेछ । सञ्चालनका क्रममा नजिकैको खेतीयोग्य जमिनमा पानी जम्न नदिन ढल निकासको उचित व्यवस्था मिलाइनेछ । सडक दुर्घटना न्यूनीकरणका लागि पर्याप्त सडक सुरक्षाका उपायहरू जस्तै सूचना र चेतावनी संकेतहरू स्थापना गरिनेछ ।

यौन शोषण 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 SEA/SH रोकथाम तथा सम्बोधन कार्ययोजना बनाइएको छ । यसमा उपआयोजनाको कार्यक्रमले सिर्जना गर्न सक्ने SEA/SH जोखिमहरू निषेध एवम् रोकथाम तथा न्यूनीकरण गर्ने उद्देश्यका निश्चित व्यवस्थाहरू समावेश गरिएका छन् । यस योजनाले तालिका-१; विश्व बैङ्कले सेप्टेम्बर २०१८ मा प्रकाशित "असल अभ्यास नोट" अनुसार IPF परियोजनाहरूमा SEA/SH जोखिमहरूलाई सम्बोधन गर्न सुझाएको कार्यहरू लाई पनि समावेश गरेको छ ।

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, वातावरणीय र सामाजिक व्यवस्थापन योजना पहिचान गरिएका वातावरणीय र सामाजिक न्यूनीकरण उपायहरूलाई कार्यान्वयन, व्यवस्थापन र अनुगमन गर्नको लागि जिम्मेवार निकायहरूको व्यवस्था 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 आयोजनासँग सम्बन्धित गुनासा, जिज्ञासा र चासोको उठानका बिषयहरू र समयमै समाधानका लागि गुनासो सुन्वाई समिती (GRC) मार्फत सम्बोधन गरिनेछ । उपआयोजना निर्माणका क्रममा GBV, SEA/SH जोखिमहरूलाई न्यूनीकरण गर्न आवश्यक योजना बनाइएको छ । घरेलु हिंसा (शारीरिक, मानसिक र बलात्कार/यौन हिंसा लाई सबैभन्दा बढी प्राथमिकता दिइ आवश्यक सचेतना तथा तालिमहरूको व्यवस्था गरिएको छ ।

संस्थागत व्यवस्था

आयोजना कार्यान्वयन गर्न शहरी विकास मन्त्रालयले शहरी विकास तथा भवन निर्माण विभाग अन्तर्गत आयोजना समन्वय कार्यालय स्थापना गरेको छ । वातावरणीय तथा सामाजिक साथै आयोजनासँग सम्बन्धित सम्पूर्ण कृयाकलापहरूको समन्वय गर्ने छ । आयोजना व्यवस्थापन सहयोग टोलीले आयोजना समन्वय कार्यालयलाई आयोजनासँग सम्बन्धित प्राविधिक सहयोग गर्नेछ । उपआयोजनाहरूको वातावरणीय तथा सामाजिक व्यवस्थापन योजना कार्यान्वयन गर्न प्रत्येक नगरपालिकामा एक आयोजना कार्यान्वयन इकाइ स्थापना गरिएकोछ । वातावरणीय र सामाजिक सुरक्षण विशेषज्ञ सहितको डिजाइन तथा सुपरिवेक्षक परामर्शदाता मार्फत आयोजना कार्यान्वयन इकाइ लाई प्राविधिक सहायाता पुराउनेछ ।

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
TM	: Tansen Municipality
WB	: World Bank
WASH	: Water, Sanitation and Hygiene

Table of Contents

1	Project Introduction	- 1 -
2	Description of the Project Site.....	- 1 -
2.1	Location of the project	- 2 -
2.2	Topography and Hydrology	- 2 -
2.3	Landslide and unstable slopes	- 3 -
2.4	Climate and Vegetation.....	- 4 -
2.5	Air Quality, Water Quality, and Noise level.....	- 4 -
2.6	Existing infrastructures/ utilities (Electric poles, water supply pipelines, etc.)	- 4 -
2.7	Demography of the project area.....	- 5 -
2.8	Settlements	- 5 -
2.9	Land availability.....	- 5 -
2.10	Physical Structures	- 5 -
2.11	Caste/Ethnicity	- 5 -
2.12	GBV, SEA/SH.....	- 5 -
3	Description of the Project and Its Activities.....	- 6 -
3.1	Salient Features of the Project.....	- 7 -
3.2	Proposed Campsite and Stockpile Area	- 8 -
3.3	Solid Waste	- 9 -
3.4	Spoil Management.....	- 9 -
3.5	Quarry Sites.....	- 9 -
3.6	Other facilities	- 10 -
4	Environmental and Social Management Plan (ESMP).....	- 10 -
4.1	Social and Environmental Screening:	- 10 -
4.2	Scope of Environmental and Social Management Plan:	- 11 -
4.3	Implementation of Environmental and Social Management Plan.....	- 11 -
4.4	Objectives of ESMP:.....	- 12 -
4.5	ESMP Matrix:	- 13 -
4.6	Environmental & Social Monitoring.....	- 26 -
5	Stakeholder Engagement and Information Dissemination	- 30 -

5.1	Stakeholder Engagement.....	- 30 -
5.2	Information Dissemination.....	- 32 -
5.3	Grievance Redress Mechanism (GRM)	- 32 -
5.3.1	Structure of the GRC	- 33 -
5.3.2	Processes of the GRM.....	- 33 -
5.3.3	Further details of the GRM.....	- 34 -
5.3.4	Other Mechanisms for Grievance Redress	- 34 -
6	Capacity Development & Training.....	- 34 -
7	Implementation Schedule and Cost Estimates.....	- 35 -
8	Monitoring Cost.....	- 35 -

List of Tables

Table 2-1:	List of natural drainages in road alignment.....	- 3 -
Table 2-2:	Landslide sections along the road alignment	- 3 -
Table 2-3 :	Physical Structures in Road Formation Width.....	- 5 -
Table 3-1:	Details of Proposed Road Upgradation Project.....	- 7 -
Table 4-1:	Environmental and Social Management Plan (ESMP) Matrix	- 13 -
Table 4-2 :	Summary of Cost allocated for ESMP	- 25 -
Table 4-3:	Environmental & Social Monitoring Plan.....	- 26 -
Table 5-1:	Lists of People and Institutions Consulted.....	- 30 -
Table 5-2:	List of Public Consultations and their Summary.....	- 31 -
Table 5-3:	Information Dissemination Plan.....	- 32 -

List of Figures

Figure 2-1:	Map indicating the position of the road alignment on the country map	- 2 -
Figure 3-1:	Proposed Campsite and stockpiling area at Sundada.....	- 9 -
Figure 3-2:	Proposed spoil disposal site near Start Point.	- 9 -
Figure 3-3:	Proposed Spoil Disposal Area in Telgha	Error! Bookmark not defined.
Figure 3-4:	Possible Quarry site nearby.....	- 10 -

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 Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road* of Tansen Municipality has been prepared as per the contract between the Office of the Municipal Executive of Tansen Municipality; Nepal Urban Governance and Infrastructure Project (NUGIP) (Client) and Aviyaan-Cemeca-Moonlight JV which have entered into the agreement, for performing work REF No: NP-DUDBC-216353-CS-QCBS, into effect from 18th September 2022 to provide services on Detailed Engineering Design and Construction Supervision (DSC) covering the upgradation 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 the Environmental and Social Management Plan of *Upgradation Works of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road* in Tansen Municipality was conducted in September 2023. The study and preparation of this ESMP is guided by the Environmental and Social Management Framework (ESMF) for NUGIP.

Estimated Cost:	NRs. 584,395.172.88 (including VAT, PS and contingency)
Start/Completion Date:	20 th December 2023

2 Description of the Project Site

Tansen municipality is the headquarters of Palpa district, which is a very picturesque area of Lumbini province, famous for its historical and religious aspects. The beautiful Srinagar Danda located here is at a height of 1,331 meters. There are many streams and wells within Tansen municipality area. Holangadi Khola, Gurujudhara, Tindhara and Narayansthan are the main streams. It is 39 km from Butwal. And it is at a distance of 310 km from Kathmandu.

Its geographic location is 27° 50' North to 27° 53' North latitude and 83° 31' East to 83° 35' East longitude. Tansen Municipality, encompassing an area of 109.8 square kilometers, is administratively divided into 14 wards. As per the Nepal Census 2078, the municipality's population stands at 50,405.

Tansen's historical background is very interesting. When the Muslims invaded India, the Hindu clans of many states fled to the northern region. In the fifteenth century, they entered the Himalayan region and established their own separate kingdom. At that time, Rudra Sen expanded the Sen dynastic

kingdom in Palpa. Its capital became Tansen. According to legend, the word Tansen was derived from the name of the king of Sen Dynasty as Tamrasena who ruled only in urban areas.

2.1 Location of the project

The project area of this proposed sub – project is located in Tansen Municipality of Palpa district, Lumbini Pradesh (Province No 5) of Nepal that connects Siddhartha Highway at Dumre Khola to Hulungdi Road. The total length of the proposed alignment is 6.686 km. The project distance is from CH 1+020 (at Shree Mandali Secondary School) to CH 7+706 (Gufa Chaur) which is 6.686 km. About 1.02 kilometer of road section had previously been blacktopped by the municipality on their own budget, thus only repair and maintenance costs is allocated in the cost estimate from CH 0+000 near Dumare Khola bridge Siddhartha Highway to CH 1+020. The proposed road has a RoW of 15 m and is proposed to have a single lane road. The geographical location of the starting point is 27°48'44.43"N, 83°31'4.69"E and end point is 27°49'31.46"N, 83°30'23.10"E.

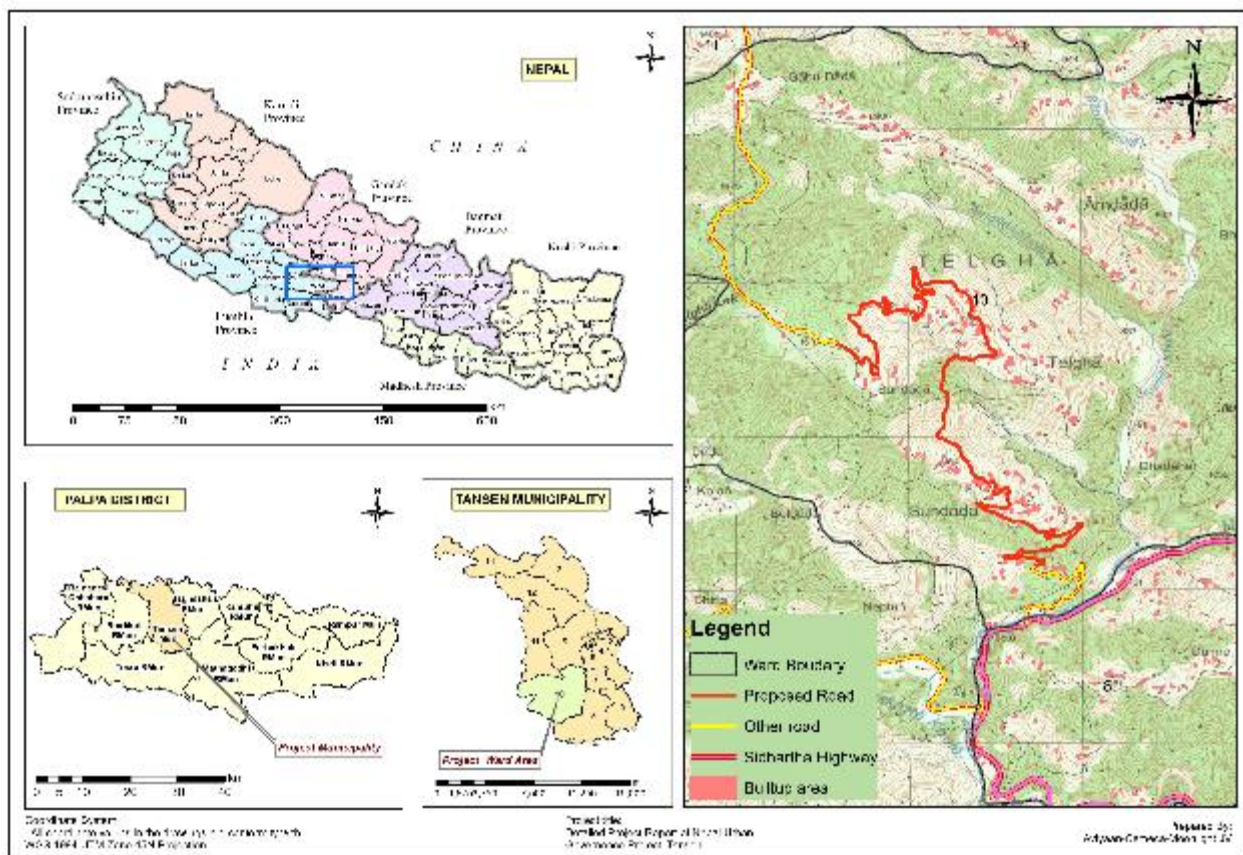


Figure 2-1: Map indicating the position of the road alignment on the country map

2.2 Topography and Hydrology

Main settlement in the municipality lies in the hilly part of Tansen Municipality. The start point of the road alignment lies 11.3 Km south of Tansen market. The aaltitude of the Tansen city varies from 766 (amsl) to 1510 m (amsl) whereas elevation of the project area ranges from 915 m to 1451 m from sea level. The project area is a hilly terrain that passes through some undulations. Road Alignment

crosses Dumare River and some of the local streams of the project area. The proposed alignment traverse through 28 numbers of natural drainages. The list of natural drainages is presented in the table 2-1.

Table 2-1: List of natural drainages in road alignment

SN	Chainage (m)	Pipe Culvert	
		Dia.	Count
		m	Nos.
1	1+090	0.45	1
2	1+240	0.9	1
3	1+350	0.45	1
4	1+470	0.9	1
5	1+690	0.9	1
6	1+830	0.6	1
7	1+910	0.9	1
8	2+170	0.45	1
9	2+410	0.6	1
10	2+750	0.9	1
11	2+900	0.9	1
12	3+080	0.45	1
13	3+160	0.45	1
14	3+250	0.45	1
15	3+660	0.6	1
16	3+730	0.9	1
17	4+060	0.9	1
18	4+320	1.2	1
19	4+450	0.9	1
20	4+750	0.6	1
21	5+050	0.45	1
22	5+500	0.9	1
23	6+120	0.9	1
24	6+720	0.6	1
25	6+850	0.9	1
26	7+260	0.45	1
27	7+470	0.45	1
28	7+560	0.45	1

2.3 Landslide and unstable slopes

There are some landslide areas along the road alignment. At some sections, there are surface instabilities and failures due to man-made factors. The details are given in Table 2-2 below;

Table 2-2: Landslide sections along the road alignment

SN	Chainages	Description	Remarks
1	1+930 to 1+950 km	slope instability	Gabion and Masonry
2	2+170 to 2+180 km	Around 40 m of slope instability	Retaining wall protection

SN	Chainages	Description	Remarks
3	3+380 to 3+440 km	Around 40 m of slope instability	and bioengineering; Included in BoQ; Abstract of Cost - L & P
4	4+050 to 4+080 km	Around 100 m of slope instability	
5	4+130 to 4+300 km	Around 20 m of slope instability	

Source: DPR - Dumare Khola-Sundada-Telgaha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road Upgrading, 2023

2.4 Climate and Vegetation

The climate here is considered warm and temperate. The summers here have a good deal of rainfall, while the winters have very little. According to data from Department of Hydrology and Meteorology of 2022, maximum temperature recorded in Tansen city is 38°C and minimum temperature recorded is 12°C. The rainfall in Tansen is around 1715 mm per year. This period encompasses the months: June, July, August, and September. In December, the precipitation level plummets to a mere 546 mm. This month holds the title for being exceptionally arid. Most of the precipitation here falls in July, averaging 1300 mm.

The road alignment as tropical to subtropical vegetation types with dominance of deciduous trees. Trees like Chilaune (*Schima wallichii*), Mango (*Mangifera sylvatica*), Simal (*Bombax ceiba*), Sissoo (*Dalbergia sissoo*) and Pine Tree (*Pinus wallichiana*) are found in the project area. The road alignment passes through 2 Community Forests namely Thule Singhale Community Forest (Ch. 0+340 to 2+200 km), and Laligurans Community Forest (Ch. 5+01 to 5+820 km). However, the upgradation works will be carried out on the existing road only, and there is already minimum required road width of at least 5.75 m available for the road upgradation works in most of the road alignment.

2.5 Air Quality, Water Quality, and Noise level

Sampling from high volume samplers (24 hours) for air quality we got concentration of fine particles PM_{2.5} (07 µg/m³) and coarse particles PM₁₀ (11 µg/m³) which shows air quality in the project site is within World Health Organization (WHO) guidelines. As proposed project site doesn't have industrial area or constructional sites nearby, quality of air seems best in the proposed site. Due to low vehicle mobility during site visit carbon monoxide and nitrogen oxides were not measured. Sample of water from Dumare River near Bridge was collected and sent to lab for analysis and lab report is attached in the annex section where onsite measured parameters are temperature (23°C), pH (7.1) and Total Suspended Solids (125mg/l). Noise level was found 55db in the settlement area. With reference to Noise level Standard of Nepal (2069), result of noise level may be little high which should be around 45db this may be due to measurement of noise level in the road alignment within settlement area.

2.6 Existing infrastructures/ utilities (Electric poles, water supply pipelines, etc.)

There is steel pipe which is being used for distribution of drinking water in the settlement at chainage (6+470). Six electric poles and one 11KV transformer need relocation at chainage (4+690, 5+100, 5+460, 6+190 and 6+685). There are three water supply tanks in road alignment in which one of chainage (1+330) is old and is not in use. Two other water supply tanks chainage (2+080) and chainage (3+395) need to be dismantled and relocation during construction of road.

2.7 Demography of the project area

The total population of Tansen Municipality is 50,792 and total household is 14,782. The average household size of the municipality is 3.43. Male population is 23,414 and female population is 27,378. The sex ratio is 85.52.

The total population of project-affected ward 10 is 2,813 and the total number of households is 827. The average household size of the project wards is 3.4. Total male population of the project wards is 1293 and total female population of the project wards is 1520. The sex ratio of the project wards 0.85. (Source: NSO, 2021).

The total households along the road alignment are 217 with total population 651 having 301 male population and 350 female population. (Source: Field study, September 2023).

2.8 Settlements

The major settlements existed along the alignment are Sundada, Telgaha and Gufa Chaur.

2.9 Land availability

Landownership status along the alignment is government and is of community forest. The existing road width in use is 3.75 m. However, ownership of private land strips is yet to be transferred (Annex 10). Tansen Municipality will conduct the process of transfer of deeds of these land parcels. (Letter from municipality on decision of RoW through the then municipal council meeting is provided in Annex 2).

2.10 Physical Structures

There is one old unused water tank, six electric poles, one transformer in road formation width. Details of the physical structures is listed in the table below.

Table 2-3 : Physical Structures in Road Formation Width

S.N.	Description	Chainage	Remarks
1.	Water tank	1+330	Not in use.
2.	Six Electric Poles with one 11KV transformer	4+690, 5+100, 5+460, 6+190 and 6+685	Needs relocation

2.11 Caste/Ethnicity

According to NSO 2078, Tansen Municipality have people of Magar, Brahman, Chhetree, Kami, Newar, Sarki and come Dalit communities. Whereas in project area majority of people include the Chhetri, Magar, Brahmin and 2 (Damai) Dalit. There are 217 households in periphery of project alignment and out of those households 28 number of households belong to Janajati (Ethnic) families. This includes total population of 32 with 12 male and female 20 of Janajati families. (Source: Field study, September, 2023)

2.12 GBV, SEA/SH

Field study, group discussions, interviews, and meetings have unveiled the prevalence of gender-based violence in the project area. Specific instances of violence within the municipality are outlined

in Table 2-4, with additional details available in Annex 2. According to the District Police Station in Tansen, Palpa, there have been two cases of rape reported from Ward 10 of Tansen Municipality, spanning from Shrawan 2077 to Shrawan 2080. Mitigation measures and necessary mitigation programs are being planned accordance with the supported data.

As part of project compliance, an Anti-Harassment Cell and GRC have been established in Tansen Municipality which has appointed China Kumari Neupane (Gyawali) to serves as the GBV focal person for the municipality. The appointment letter for the focal person is included in Annex 2. The primary aim of setting up the Anti-Harassment Cell is to address instances of sexual harassment promptly, providing compassionate support to victims and ensuring harassment prevention through proper case resolution. The cell handles individual complaints and takes necessary action following guidelines provided by the relevant authorities.

Table 4: List of Identified Cases by District Police Station in Tansen

SN	Identified Cases	Number				Total
		F/Y 2077-078	F/Y 2078-079	F/Y 2079-080	F/Y 2080-2081	
1.	Rape/Sexual Violence	1	-	-	1	2

Source: District Police Station, Tansen, Palpa

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

- Physical & mental abuse Sexual violence/rape cases

For mitigation of SEA/SH, and GBV during the construction phase, the following activities are proposed and will be implemented which needs to continue in the operation stage also. For carrying out these activities, the mitigation action plan is prepared, budget is estimated and included in DPR. The overall responsibility of carrying out these activities will be on PIU/DSC and contractor based on the activities. C.

- Awareness programs related to community and workers, for reduction of **sexual violence/rape cases**.
- Awareness Program for **physical/mental abuse** in the project area.
- Awareness raising in Schools on **Self Protection**.
- 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 behavior and the provision of punishment for breaching of the code of the conduct

3 Description of the Project and Its Activities

The proposed road project is one of the major road alignments of Tansen municipality. It serves the agriculture as well as tourism area of the municipality and as bypass road from Siddhartha Highway or Siddhartha Highway to famous cultural site Bhairavsthan. Some prosperity for the development of the municipalities and adjoining areas depends on this road. At the same time, the proposed road will bring social justice for the balance development of the entire city.

3.1 Salient Features of the Project

This road project starts from 1.02 km away from Dumare River Bridge (27°48'44.43"N, 83°31'4.69"E) and ends at Hulungdi (27°49'31.46"N, 83°30'23.10"E). The project is expected to contribute towards the municipal capacity for urban development planning, infrastructure development and institutional development of the municipality.

Table 3-1: Details of Proposed Road Upgradation Project

S.N.	Description	Existing Condition	Proposed Scheme
1.	Length of Road	7.708 km	5.960 km
2.	Right of Way (RoW)	15 m	15 m
3.	Traffic	-	Traffic count is conducted in the year 2023
4.	Formation Width	5.75 m	5.75 m (Single lane)
5.	Pavement type	About 1.020 km Blacktopped and remaining gravel road with poor conditions	flexible pavement as per IRC: 37-2018 Asphalt = 50mm Base course = 150mm Sub Base course = 200mm
6.	Drain	Earthen Drain on some part only	0.75 m (RCC) on hill side only
7.	Cross drainage Structures	No culverts	11 Nos of RCC Pipe Culverts of Diameter 0.9 m
8.	Protection Works	Masonry wall at some locations	Retaining wall/slope protection measures as per requirement.
9.	Traffic signs/ signage and road marking	-	Provided all along the road to ensure maximum safety to pedestrian and

S.N.	Description	Existing Condition	Proposed Scheme
			vehicular traffic.
10.	Total Cost of Road including contingencies, PS and VAT.		NRs. 584,395.172.88
11.	Per Km Cost of Road including VAT, PS and contingencies.		NRs. 79,319,396.61

3.2 Proposed Campsite and Stockpile Area

The field study showed that an open space at Sundada with area of around 0.2699 ha. (Private land) can be used for the Contractor’s campsite and stockpiling of the construction materials. The land is private land, and the contractor will lease the land. At present proposed stockpiling area is being used for agricultural purposes. Consent with the landowner has been taken for using the proposed land for stockpiling and labor camp (attached in annex 2). In the stockpiling site provision of male and female separate toilets will be made.



Figure 3-1: Proposed Campsite and stockpiling area at Sundada

3.3 Solid Waste

Approximately 46 numbers of labors will stay in the campsite, and 10.718 kg per day of solid waste generated from the camps will be disposed within the proposed campsite only (as recommended in the C-ESMP), away from local water bodies and efforts will be made to minimize such waste through reuse, reduction, and recycling concepts. Regarding the waste generated during decommissioning of the temporary campsite, the reusable like cardboards, plastics, bins, etc. will be sold, the metal scrap will be sent or sold to scrap dealers, and any residue will be disposed of in coordination with the local ward/municipal authority through the solid waste management (collection & disposal) system of the municipality. The land will be cleared and restored to the satisfaction of the landholder or the local authority. Soak pits or septic tanks will be established for the sanitation units/latrines.

3.4 Spoil Management

An estimated 63,401.08 cubic meters of spoil is expected to be generated, with 25,006.27 cubic meters earmarked for backfilling. The remaining 38,394.81 cubic meters will be managed at spoil disposal site located in Gufa Chaur. The chosen locations include an open public space covering an area of about 1.0566 hectares. The selected site ensure safe disposal, avoiding any hazards or haphazard dumping. These selected sites ensure safe disposal, avoiding any hazards or haphazard dumping.

The disposal of construction debris will be confined to the specified spoil site, following the recommendations outlined in the C-ESMP (Construction Environmental and Social Management Plan). Efforts will be made to minimize waste through the implementation of reuse, reduction, and recycling practices. Additionally, when temporarily hauling and storing spoil, it will be covered with a plastic/tarpaulin cover.

Figure 3-2: Proposed spoil disposal site in Gufa Chaur

3.5 Quarry Sites

The quarry materials will be brought from authorized and licensed crusher plants. The identified and proposed quarry site for the project is nearby Tinau River. Proposed quarry sites are Initial Environmental Examination (IEE) approved sites. According to DPR there is a need of 9892.01 m³ of gravel, 22511.61 m³ of aggregate, 8282.54 m³ of sand and 11483 m³ of stone is need for road construction.

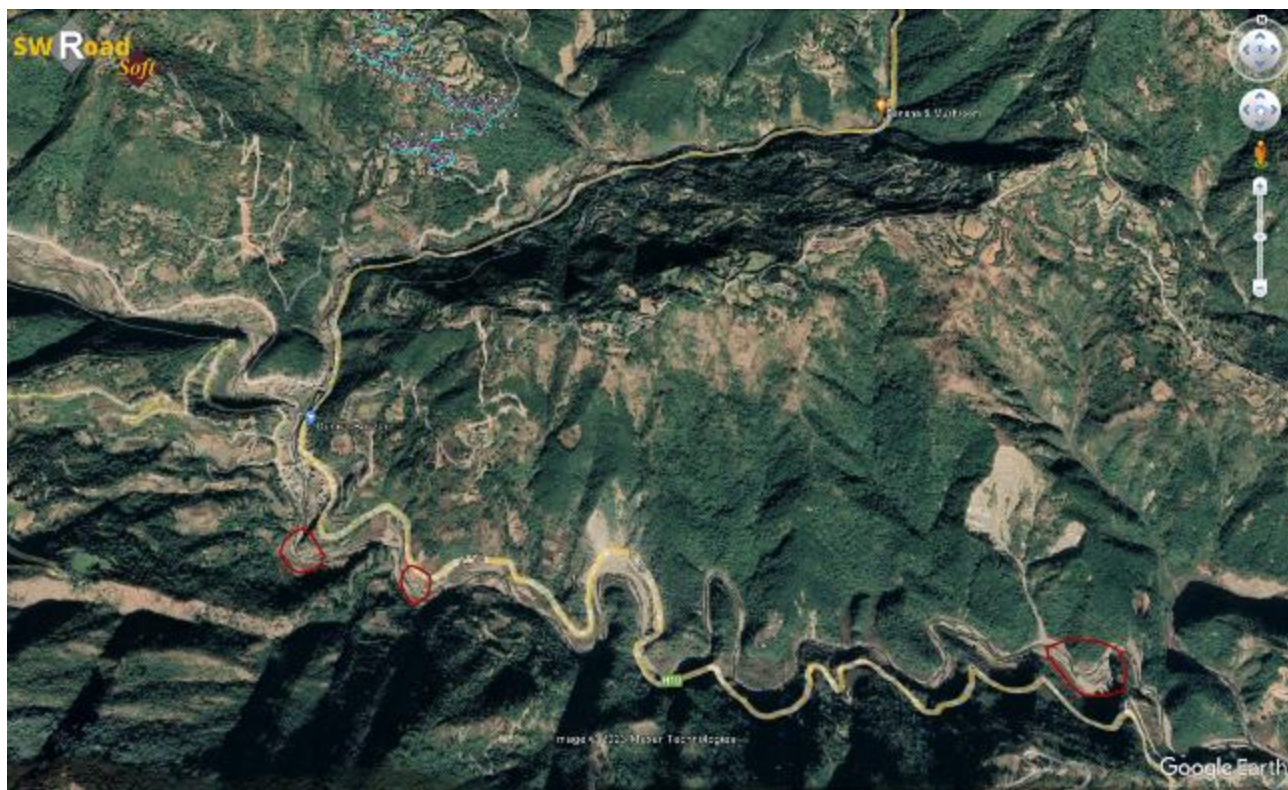


Figure 3-3: Possible Quarry site nearby

3.6 Other facilities

Contractor will not operate any crusher plants or concrete batching plant for this project.

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

This sub-project is an upgradation of an existing road. The social and environmental screening of the sub-project has been done to assess any potential risk associated with the road upgradation in the required format. The checklists of screening of social and environmental safeguards are provided in Annex 1. 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 the declaration of the RoW by the Tansen Municipality are provided in Annex 2 of this document. As per sections 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 Tansen Municipality. These are summarized in Table 4-1 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	Tansen Municipality/PIU	<ul style="list-style-type: none"> ✓ The overall project environmental management is the responsibility of PIU ✓ The regular monitoring will be carried out by the PIU
2	Contractor	<ul style="list-style-type: none"> ✓ The contractor is required to submit C-ESMP within 45 days of contract signing. ✓ Implement the mitigation measures and provisions as per ESMP and DPR of the Project
3	DSC	<ul style="list-style-type: none"> ✓ Preparation of ESIA/ESMP during DPR phase ✓ Supervision support to the Contractor to implement the ESMP ✓ Monitoring of implementation of ESMP and its compliance ✓ The E&S safeguards specialists of DSC will work closely with its technical staff to ensure project implementation in accordance to World Bank's safeguard standards.
4	PCO & PMST	<ul style="list-style-type: none"> ✓ The PCO will have overall responsibility to ensure compliance with pertaining laws, policies, regulation for all sub projects

SN	Stakeholder	Role & Responsibilities for ESMP implementation
		<ul style="list-style-type: none"> ✓ 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 EMSP 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 potential improvements for the proposed road alignments;

Table 4-1: Environmental and Social Management Plan (ESMP) Matrix

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
Physical Environment (Construction Phase)				
1.	Land use concerns	<ul style="list-style-type: none"> ▪ Leaseholder or rental contract will be maintained for temporary use of land required for campsite and stockpile site for the project. ▪ Fertile topsoil will be stockpiled and reapplied for the rehabilitation of excavated areas such as borrow pits, embankments, and other temporary acquisition sites including existing road embankments will be stockpiled in a safe location along the road alignment. The stocked topsoil will be reused for the rehabilitation of facility sites such as labor camps, workshop etc. including protection of roadside embankment from landslide and erosion. ▪ Topsoil will be used in greenery management, and plantation and will be given to farmers upon request. ▪ Prior notification (2 months before award of construction contract) for crop plantation will be given. ▪ All the temporarily acquired land will be rehabilitated into the previous state or better than the earlier state maintaining natural drainage and acceptable to the land owner/DSC. 	Contractor/DSC	This will be the part of Contractor's Responsibility under Contractor Cost.
2.	Quarry Sites and borrow pits	<ul style="list-style-type: none"> ▪ Contractor will obtain required construction materials from the legally operating crusher industries only. Quarry materials will be purchased from legally operating crusher plants, which are close to the road alignment, and the map of proposed quarry sites of Tinau River 2 is provided in Figure 3-3 ▪ PIU & DSC will check the site requirements and quality of quarrying material and approve it. ▪ In case of borrow pits, the borrow pit sites will be well demarcated, regularly monitored and topsoil will be collected. 	Contractor DSC/client	

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
		<p>Later, the topsoil will be put back on the surfaces and the areas revegetated, if required.</p> <ul style="list-style-type: none"> ▪ Contractor will prepare borrow pit management and rehabilitation plan and will seek approval from the Design and Supervision Consultant. ▪ Contractor will be responsible for the rehabilitation of each excavated borrow pits after the completion of extraction of approved quantity (implementation of the borrow pit rehabilitation plan). 		
3.	Issues related to Campsite and stockpiling	<ul style="list-style-type: none"> ▪ The campsite is proposed at an open space of around 0.2699 ha. at Sundada adjacent to the road alignment. The proposed stockpiling and camp site lies on private land, consensus with the landowner is taken and is presented in the annex section 2. ▪ Contractor's campsite site will be provisioned with proper drinking water facilities, WASH provisions (separate male and female toilets), and lighting system. ▪ Camp site will be provided with well ventilation, adequate bedding material, first aid facility, maintain security provisions, washing and bathing facility, kitchen with cooking facility, storage of foods for the labors. The contractor will maintain health and hygiene within the camps. ▪ Using fuelwood will be prohibited strictly for cooking, heating, and other construction purposes. ▪ 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 site will be well fenced, and provided with a 24-hour guard. ▪ The contractor will rehabilitate camp and stockpiling area after the demolition of the sites. 	Contractor/DSC	This will be the part of Contractor's Responsibility under Contractor Cost. This will be included in CESMP

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
4.	Slope stabilization	<ul style="list-style-type: none"> ▪ Slope protection works using gabion walls ▪ Slope stabilization works using bio-engineering works (use of Amriso and Vetiver plants) at Chainages 1+920 km to 2+120, 2+180 to 2+620 km, 2+760 to 2+840 km, 3+680 km to 3+700, 3+960 to 3+3980, 4+220 to 4+300, 5+540 to 5+640 and 5+780 to 6+760. ▪ Consideration of climate extremities and provision of adequate drainage systems pipe culverts for natural drainage will be placed in various location as listed in the table above. 	Contractor/DSC	Included within BoQ, BoQ; Abstract of Cost - L & P
5.	Air pollution in the construction locality	<ul style="list-style-type: none"> ▪ Water sprinkling (at least 3 times a day) or as required in settlement area Sundada, Telgaha, Gufa Chaur and Shree Mandali Secondary School Area at dry exposed surfaces and stockpiles of aggregates as necessary. ▪ Require trucks delivering aggregates and cement to have a tarpaulin cover. ▪ All diesel generators, haul trucks, pavers, graders, and rollers, required to comply with the Nepal Vehicle Mass Emission Standard 2056 BS and National Diesel Generator Emission Standard, 2012 AD. ▪ The contractor will not allow firewood for cooking and heating bitumen and incineration of wastes. ▪ Burning of waste (from the campsite) will be strictly prohibited. ▪ Maintenance of vehicles on regular basis. ▪ Ensure use of equipment and fuel complying with applicable emission standards. ▪ Air quality monitoring (at least 2 times during construction phase). 	Contractor/DSC (Supervision support of Design & Supervision Consultant)	Included within BoQ, Abstract of Cost B-6 NPR 180,000 for air quality monitoring
6.	Noise nuisance	<ul style="list-style-type: none"> ▪ Involve the local authority and the community in planning the work program so that any particularly noisy or otherwise invasive activities can be scheduled to avoid sensitive times ▪ Operation of heavy equipment/vehicles, and noisy construction works will be stopped during the nighttime between 10.00 pm to 6.00 am. 	DSC (Supervision support of Design & Supervision Consultant)	Cost of Noise level monitoring comes within the Air Quality monitoring phase

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
		<ul style="list-style-type: none"> ▪ Drop heights for loading and unloading coarse aggregates will be minimized ▪ Soft horns to be used, and use silent type generators (if required) ▪ If it is not practicable to reduce noise levels to or below noise exposure limits, the contractor will post warning signs in the noise hazard areas. ▪ “No horn” signboard will be placed in Shree Mandali Secondary School area and settlements area i.e. Sundada, Telgaha and Gufa Chaur. ▪ DSC or Third Party in coordination with the municipality will monitor noise level along the construction site monthly. ▪ Complete work in Sundada, Telagha, Gufa Chaur and Gufa Chaur settlement areas as quickly as possible 		
7.	Impact on water bodies (Dumare River)	<ul style="list-style-type: none"> ▪ Earthworks generating higher amount of spoil will be conducted during dry season to avoid the difficult working conditions that prevail during monsoon season such as problems from runoff. ▪ Washing of project vehicles at riverbanks will be restricted. ▪ Proper storage of chemicals and lubricants, use of spillage kit to avoid spillage. Take all precautions to prevent entering of wastewater into streams, watercourses, water spout at ch 4+450 and irrigation system. Install temporary silt traps or sediment basins. All the chemicals and oil containers will be stored on the concrete surface to avoid contamination and spillage into land, surface, and ground water. ▪ While working across or close to any water body, the flow of water must not be obstructed. Ensure no construction materials like earth, stone, are disposed in a manner that may block the flow of water of any water course. Provide zinc sheet barricade to protect the water spout at ch 4+450 and maintain access to locals and water users of the spout during the time of road construction. 	<p>Design and Supervision Consultant or Third Party in coordination with the municipality</p> <p>(Supervision support of Design & Supervision Consultant)</p>	NPR 80,000

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
		<ul style="list-style-type: none"> ▪ Water quality monitoring (Dumare river and the water spout at chainage 4+450 together with other monitoring stations will be defined during preparation of C-ESMP) to be carried out as per requirement (at least 4 samples; 1 before starting work and should be included as baseline in C-ESMP, 2 bi-annually, and 1 during end period of the project) and the parameters will be as per the requirements provided in Annex 4. ▪ Any disposal on Dumare river will be prohibited; fishing by the workforce will be strictly prohibited; Washing of project vehicles along the river bank will also be prohibited; ▪ Awareness activities will be carried out for the workforce (during 1st & 3rd Quarters - Yr. 1; at least 30 participants/event) 		NPR 50,000
8.	Solid waste	<ul style="list-style-type: none"> ▪ Estimated waste of around 10.718kg per day Waste minimization and waste segregation will be prioritized; 3R approach will be promoted. ▪ Purchase of different bins for organic and inorganic waste. ▪ Composting of organic waste generated from the camps will be disposed within the proposed camps. ▪ 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	NPR 200,000 for awareness and training
9.	Spoil Disposal	<ul style="list-style-type: none"> ▪ Disposal of spoil into valley side of the proposed alignment and into water bodies will be strictly prohibited. 	Contractor	Included in BoQ, (AoC)

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
		<ul style="list-style-type: none"> ▪ Generated spoil will be disposed only at designated spoil disposal site. Spoil Disposal site of Gufa Chaur will be used for disposal of spoil generated during construction. ▪ All the disposal sites will be rehabilitated providing toe wall, stabilizing slopes, layer wise compaction, drain management, and cover with vegetation. After rehabilitation, the disposal area will be in the condition better than the earlier state. The contractor will comply all the measures of rehabilitation and the sites will be approved only after acceptable to the local bodies and DSC. 		
10.	Others (Crusher, asphalt plant, if proposed in the project)	<ul style="list-style-type: none"> ▪ As one of the Climate Resilience actions, during hydrological calculations, additional 16% weightage has been included for hydraulic design of drainages and cross-drainages ▪ The Contractor will develop and maintain emergency response system in order to address any accidents or other emergency 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 and wastewater generated during the time of construction safely without interrupting the existing nearby settlements, water bodies, forests, and wildlife. 	Contractor	Included in BoQ, (SoQ)
Physical Environment (Operation & Maintenance Phase)				
11.	Road Stability and Drainage Management	<ul style="list-style-type: none"> ▪ Regular/periodic maintenance of the road ▪ Construction of drainage system to mitigate possible inundation in the settlements along the project alignment ▪ Ensure proper compaction as per design ▪ Awareness activities to be carried out in community level to reduce the incidences of disposal of waste into road-side drains 	Tansen Municipality	Included in BoQ, Summary of Cost 9 BoQ, Summary of Cost -5
12.	Air pollution and Noise nuisance	<ul style="list-style-type: none"> ▪ There should be a consensus between Tansen Municipality, District Transportation Office, 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. 	DTO, transportation entrepreneur, local people	No extra cost will be required.

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
13.	Water pollution	<ul style="list-style-type: none"> ▪ Disposal of any septic or industrial wastewater into the roadside drains will be strictly prohibited. ▪ Washing of public and private vehicles at river banks will be restricted. 	Tansen Municipality	No extra cost will be required.
Biological (Construction Phase)				
14.	Vegetation loss	<ul style="list-style-type: none"> ▪ Greenery promotion works will be carried out along the settlement belts within RoW ▪ Care-taking cost of 1 year is included in this cost, and for later period, PMC will need to bear the care-taking cost. 	Tansen Municipality for care-taking works	NPR 600,000
Socio-economic and Cultural (Construction Phase)				
15.	Impact on property from vibrations due to the use of heavy machinery and other construction activities	<ul style="list-style-type: none"> ▪ Identify any building at risk from vibration damage and avoiding any use of pneumatic drills or heavy vehicles in the vicinity of settlement areas of Sundada, Telagha, Gufa Chaur and Shree Mandali Secondary School area. ▪ Establish photographic and video graphic evidences of structures and properties in and alongside proposed road width; cracked walls will be reinstated. ▪ Conducting excavation works at critical sites under close observation of the local representatives. ▪ Awareness raising, information and dissemination about GRM (meetings, monitoring and logistic costs@ 1 meeting every month). 	Contractor	NPR 300,000 NPR 216,000
16.	Disturbance to electric poles in the proposed road width	<ul style="list-style-type: none"> ▪ Relocate six electric poles with 11KV transformer along the alignment in coordination with the local electricity office and telecommunication authority. ▪ Should be completed prior the beginning of the road construction 	Tansen Municipality and Contractor	Included in BoQ Summary of Cost-10
17.	Reinstatement of Water Supply Pipe line	<ul style="list-style-type: none"> ▪ The project must work in close coordination with the locals and User <i>Committees of Churlung Water Supply</i>; alternative means of water supply (e.g. potable drinking water through tanker supply) during pipeline disruption, re-establishment and reestablishment of 12 m of pipelines of the system (at Ch: 6+470) should be addressed without any delay. 	Contractor in support with Tansen Municipality	Included in BoQ Summary of Cost-10

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
18.	Difficulties in access & mobility to private properties and premises	<ul style="list-style-type: none"> ▪ Diversions and proper crossings will be available for elderly and differently-able people in the construction phase to ensure their mobility is not impacted during construction. ▪ Metal planks and wooden planks will be placed to ease the access to private houses and shops (tentatively 12 sites) 	Contractor (Supervision support by DSC)	Included in BoQ (Summary of Cost-2,)
19.	Road safety & Community safety	<ul style="list-style-type: none"> ▪ Barricades and green nets in sites for restriction of local people's movement during construction in densely populated areas and sensitive such as Sundada, Telagha, Gufa Chaur and Shree Mandali Secondary School area. ▪ 'Drive slow' messages will be placed along the active sites and Shree Mandali Secondary School area. ▪ Signboards with safety messages and warnings will be placed in local languages all along the alignment at the construction sites and at the trench excavation area. ▪ Construction works to consider elderly, women, child & differently able people (EWCD) requirements ▪ Trenches will be backfilled with immediate effect. ▪ Awareness activities will be conducted to inform & aware locals. ▪ Carry out site management practice such as the fencing around work area and road signage. ▪ Increase public awareness of safety, health, and environmental issues by providing information directly and indirectly through campaign. ▪ The contractor will assign a safety supervisor and will monitor daily construction works in terms of health and safety. ▪ The Contractor will comply with the requirements of the Environmental, Health, and Safety (EHS) General Guidelines of the World Bank, April, 2007 and the statutory norms of safety during construction 	Contractor	Included in BoQ (Abstract of cost, G) NPR 50,000

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
20.	Occupational Health & Safety	<ul style="list-style-type: none"> ▪ Personal Protective Equipment (PPEs) will be provided to the workers, and its use will be monitored closely. ▪ Replacement of PPEs after ‘wear & tear’ - at least every quarter ▪ First aid boxes will be provided at campsites as well as active working sites (the kits to be refilled and updated every month). ▪ CoC will be implemented for the engineers, operators, drivers and laborers ▪ Proper WASH provisions will be provided in the labour camps ▪ Provision of potable water for the workforce will be ensured ▪ Toilets will be provided at the ratio of at least 1 unit for 15 workers. ▪ Provision of insurance to cover physical damage to workers. ▪ Drivers with authorized license holders will only be allowed for the operation of construction vehicles, machines and equipment. ▪ Workers and staff at the construction site will be provided with proper training to ensure that workers are trained on what to do in the event that an accident occurs on site. ▪ The contractor’s supervisors will be instructed to conduct ‘pre-work instructions’ to the workers everyday - explaining them about the nature of works, condition of the site, and associated risks as well as safety measures. ▪ Agreement with nearby health institution will be in place by the contractor. ▪ Contractor 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 	<p>Contractor</p> <p>(Supervision support by DSC team)</p>	<p>To be included within contractor’s overhead (GCC)</p>

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
22.	SEA/SH Risks, COVID, HIV/AIDS	<ul style="list-style-type: none"> ▪ Separately Camps for man & women and maintain minimum distance from one camp to other camp. ▪ Providing female labor-centric facilities such as separate female toilets, separate female camps, separate family camps and mother's rooms on the site. ▪ GRM will include mechanism for referring SEA/SH-related grievances. ▪ Formulating and adopting Code of conduct including sections on the safety of women and girls (CoC should be included in all contracts and training on CoC should be provided to all workers) ▪ CoC are understood through orientations and signed by workers. <p>HIV AIDS & CoVID</p> <ul style="list-style-type: none"> ▪ Awareness creation and sensitization to workers and other persons post- project to reduce or eliminate chances of infections of HIV-AIDS and other sexually transmitted diseases ▪ Distribute HIV & AIDS awareness materials in collaboration local health related agencies ▪ Ensure protective measures for CoVID is followed, prepare and follow SOPs by all workers and staff for CoVID (social distancing, immunization, hand washing, using sanitizer, masks etc) including the community health and safety awareness and management ▪ Health screening of the workers will be carried out before joining them into workforce 	Contractor	The cost should be in the BoQ

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
23.	Child labour, forced labour and wage discrimination	<ul style="list-style-type: none"> ▪ Child labour & forced labour will be strictly prohibited ▪ Copies of citizenship card or other valid personal ID card will be kept in record of the workers ▪ Awareness among the workers and the local community will be conducted ▪ Equal wage for male and female workers will be ensured 	Contractor (Supervised by local authority and DSC)	NPR 50,000
24.	Traffic Management	<ul style="list-style-type: none"> ▪ Traffic signboards and messages, in local languages, will be placed at main chowks, Mandali Secondary school, junctions and start-end points. ▪ An emergency traffic management plan should be prepared by the contractor as part of the C-ESMP and approved by the Project. The plan may include informing about the scheduled road closure and the alternative routes identified to divert the normal traffic flow, and transport material during off-peak time. ▪ Provide advance notice to stop vehicles by erecting indicator signs at a necessary distance to reduce congestion at the site of work, thus enabling the making of proper security arrangements, road diversions, and lane wise traffic management will be maintained during the time of construction. ▪ The contractor will prepare a Traffic Management Plan as part of C-ESMP and implement it strictly. 	Contractor	Included in BoQ (Abstract of cost, G)
25.	Others	<ul style="list-style-type: none"> ▪ Information dissemination regarding project details, Grievance Mechanism, and environmental & social safeguards aspects will be disseminated to the local through leaflets, and local media 	Contractor (Coordinated by local authority and DSC)	NPR 100,000
Socio-economic and Cultural (Operation & Maintenance Phase)				
26.	Traffic accidents and associated risks	<ul style="list-style-type: none"> ▪ Raise awareness of traffic rules, and installation of speed humps to control speed near pedestrian crossing areas. ▪ Awareness will be raised regarding traffic safety. ▪ 20 km Speed limits will be defined for all construction vehicles. ▪ Traffic signboards and messages, in local languages, will be placed at main chowks, junctions and start-end points. 	Tansen Municipality	Cost will be borne by municipality

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

S. N.	Project Phase & Impacts	Mitigation Measures	Responsibility*	Cost, NPR
		<ul style="list-style-type: none"> Zebra crossings are provided at settlement areas (<i>details provided in Annex 7</i>) 		
27.	Community Health and Safety	<ul style="list-style-type: none"> 0.7 m high Safety / Crash barriers with corrugated sheet-metal beam rail are provided at around 2.5 km along road alignment. These measures are provided along curved stretches and hilly stretches along the road alignments. Road Safety Convex mirrors will be provided along road alignment for road safety for the vehicles and pedestrians Ramps are provided in interlinking points, and crossing points of roads Installation of road markings at all major as well as minor intersections. Road Signs and Road Markings have been provided as per Traffic Sign & Marking manual as per DPR Reinforced Cement Concrete covered drain will be provided throughout the alignment in integration with footpath. 	Tansen Municipality	Included in BoQ (Abstract of cost G)
28.	Impacts due poor maintenance of road-drains	<ul style="list-style-type: none"> Awareness activities will be carried to stop disposal of waste into the road-side drains Drainages will be regularly cleared under periodic maintenance Road side plantation at settlement belts (plantation to be carried out within RoW) 	Tansen Municipality	Cost will be borne by municipality
29.	Encroachment of Road	<ul style="list-style-type: none"> Locals can encroach road for business purposes Parking area in settlement area will be managed by municipality 	Tansen Municipality	Cost will be borne by municipality

* The DSC team will be responsible for monitoring the all-abovementioned construction phase works

Table 4-2 : Summary of Cost allocated for ESMP

S.N.	Description	Cost	Remarks
1.	Air quality monitoring	180,000	
2.	Water quality monitoring of Dumare River	80,000	
3.	Awareness program for workforce	50,000	

4.	Solid waste management (purchase of bins and awareness program)	200,000	
5.	Greenery Promotion	600,000	
6.	Establish photographic and video graphic evidences of structures	300,000	
7.	Awareness program, meetings, monitoring (GRM)	216,000	
8.	Awareness program against road safety for locals	50,000	
9.	Training to local peoples for employment in road construction	200,000	
10.	Awareness program focusing women and girl trafficking	240,000	
11.	Awareness program against child labour	50,000	
12.	Information dissemination regarding project details	100,000	
Total		2,266,000	

The total cost of ESMP implementation is NPR. 2,266,000 (*In words: Twenty Two lakhs and sixty-six thousand only*), and the items will be included in BoQ of the contract document. The contractor will get prior approval from Tansen Municipality and the DSC team for expenses under the provisional sum of the contract document.

4.6 Environmental & Social Monitoring

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

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

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

Table 4-3: Environmental & Social Monitoring Plan

SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility
A	Construction Phase					

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility
1.	Air quality monitoring	Settlement areas near road alignment	At least TSP; PM ₁₀ /PM _{2.5}	Air Sampler / Detector	Quarterly	DSC or a third party in coordination with the municipality
2.	Noise Levels	Settlement areas near road alignment	Average noise levels (L _{eq})	Noise Meter / Android Application	Every Month	DSC or a third party in coordination with the municipality Contractor
3.	Water Quality	Seti River; near disposal site and Campsite	Parameters as per ESMF of the project	Laboratory Analysis	Quarterly	DSC or a third party in coordination with the municipality Contractor/DS C
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/PCO
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/PCO

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility
6.	Campsite and stock yard monitoring	Construction 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/PCO
7.	Occupational Health & Safety	Active construction sites; campsite	Provision/Use of PPEs; First Aid/treatment; Awareness/orientations conducted for workers	Site verification; records of supply of PPEs; records of events	Every Month	DSC, PIU/PCO
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/PCO
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.	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/PCO

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

SN	Monitoring Aspects	Location	Parameters	Methodology	Frequency	Responsibility
11.	GBV/SEA/SH and aspects	Work sites; settlement areas near campsite	Laborers' records; Cases of GBV in relation to project works; any unrecorded cases,	Community consultation; GRM records	Every Month	DSC, PIU/PCO
B	Operation & Maintenance Phase					
1	Road stability	Road alignment	Status of slopes along road alignment; status of road components	Site verification; ward records; traffic police office records	Every 3 months - 1 st year; Bi-annually after that	Municipality
2	Water pollution	Surface flows (natural drainages & irrigation canals)	Parameters as per standards (Annex 4)	Laboratory Analysis	Every 6 Months for 2 years	Third Party in Coordination with Municipality
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	Municipality in Coordination with Community Forest User Group
4	Road safety	Road alignment and adjacent settlements	Road accidents; status of road components	Site verification; interaction with road users	Every Month for 1 year.	Palpa Traffic Police Station/Ward/ Municipality

Monitoring activities during O&M Phase will need to be scheduled based also on the site requirements and need of the communities using the road services. Contractor will be responsible for monitoring during DLP period. After the DLP period, TM will be totally responsible for the O&M phase.

5 Stakeholder Engagement and Information Dissemination

5.1 Stakeholder Engagement

The local community, ward offices, Tansen Municipality Office, water supply user committees, Community Forest User Group members, local businessmen, laborer's and farmers were consulted during the preparation of the ESMP. Consultations were also carried out with the women and indigenous communities living along the proposed road alignment and the minutes of the meeting is provided in the Annex.

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

Table 5-1: Lists of People and Institutions Consulted

SN	Name	Organization/Address
1.	Santosh Lal Shrestha	Mayor (Tansen Municipality)
2.	Pratixa Sinjeli	Deputy Mayor (Tansen Municipality)
3.	Jiwan Gyawali	Administrative Head (Tansen Municipality)
4.	Yaarav Singh Karki	Municipality Spokesperson (Tansen Municipality)
5.	Maheswor Shrestha	Ward Chairperson -2
6.	Hemanta Shakya	Ward Chairperson-4
7.	Himlial Pageni	Ward Chairperson -3
8.	Ram Bahadur Basnet	Ward Chairperson -10
9.	Ram Prasad Shrestha	Engineer Tansen Municipality
10.	Bharat Prasad Acharya	Environment officer
11.	Mukti Prasad Nyaupane	Press Consultant
12.	Shiva Sharma	Engineer
13.	Sunita Bhandari	Engineer
14.	Jonesh Joshi	Consultant Engineer
15.	Dipak Yadav	Consultant Engineer
16.	Koshlal Ghimire	Forest Officer
17.	Kopila Nyaupane	Education
18.	Ravi Bhandari	Consultant Engineer
19.	Saagar Aryal	Environmental Engineer
20.	Subash Dhakal	Environmental Engineer
21.	SagarMan Maharjan	Ward Chairperson-6

Followings are the details of the public consultations carried out during the filed study;

Table 5-2: List of Public Consultations and their Summary

SN	Meeting	Date	Total Participants	Issues discussed
1.	Stakeholder consultation held at Tansen Municipality	May 30, 2023	Total- 25 (M- 22, F- 3)	Presentation and discussion on DPR Report and Socio-economic condition, Safeguards, and GBV aspects
2.	Community consultation held at Sundada	May 30, 2023	Total- 32 (M- 24, F- 8)	Detailed Discussion on avoiding vegetation loss; land requirement, social and environmental aspect including GBV, SEA/SH
3.	Consultation meeting held with Telgaha	May 30, 2023	Total- 17 (M- 11, F- 6)	Detailed Discussion on updated design aspects; discussion on avoiding vegetation loss; land requirement, social and environmental aspect including GBV, SEA/SH

The major concerns discussed during the public consultations were as followings;

- Priority for road construction was requested, and the locals also demanded for employment opportunities in the project's construction works
- The locals requested to protect/conservate public utilities like water supply systems, chautaris (*public rest places with Bar-Peepal trees*), electric poles, public taps, and Bhimsenthan (temple). The discussions also focused on the timely reinstatement of any private or public properties damaged during the construction phase.
- Need of alternative source of drinking water (e.g. potable tanker supply) was requested for the time of interruption of drinking water supply system during road construction phase
- Awareness of workers and locals regarding social harmony was also discussed
- Potential concerns of dust problem, and disturbances due to noise during construction phase was raised as a concern as there are settlements and schools along the road alignment
- Minimization of tree loss, compensatory plantation at the rate of 1:10 per tree cut, and greenery promotion works were also demanded by the locals (Ward Chair - WN 10)
- It was discussed that open land at Sundada can be used for campsite & stockpile site.
- Quality of the road construction works was one of the concerns raised

The minutes of the meetings are provided in Annex 2. Public engagement has been considered as one of the key tools to ensure the safeguards aspects of the project. Hence, public consultation will be taken as a regular process during the construction phase as well.

5.2 Information Dissemination

For the success of the project, all information about the proposed activities and their expected results will be publicly shared with the affected people and interested stakeholder. In collaboration with the relevant local authorities, NGOs and other community groups, the project will disclose all the relevant information in the various stages of project cycle. Agencies working for environmental and social aspects will also be informed about the ongoing and planned activities, to identify jointly appropriate protective or corrective measures. The following approaches will be adopted to make information accessible to all the concerned stakeholders 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.

Point of information will be defined at the municipality office level during implementation to disseminate all the documents related to the project activities. Based on the public information disclosure policy, PCO and the municipality will unveil the information through its website. The information dissemination plan for the project is presented in Table 5.3 below;

Table 5-3: Information Dissemination Plan

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

5.3 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. Impact on private structures, air pollution and other grievance will be solved through grievance

redress mechanism. Grievance will be collected through DSC and action on it will be taken immediately seeing its impact type and impact area.

5.3.1 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:
- | | |
|---|---------------------|
| Himlal Pangen (Chairperson of ward 10) | -Coordinator/Member |
| Dhan Kumari Bista (Female ward member) | -Member |
| Chuun Kumari Kami (Female ward member) | -Member |
| Keshari Rana Sinjali (Female ward member) | -Member |
| Lok Bahadur Rana (Male ward member) | -Member |
| Ram Prasad Shrestha (Municipality Engineer) | -Member |
| Bharat Prasad Acharya (Municipality Social Development Section Head) | -Member |
| China Kumari Neupane (Focal Person Anti Harassment Cell) | -Member |
| Representative from the DSC (Supervision Engineer/Social/Environmental Safeguard Specialist)–
Member Secretary | -Member |
| Representative from the construction company | –Invited Member |
- b. The second level GRC at the municipality level. It is composed of the following team:
- | | |
|---|--------------|
| Santosh Lal Shrestha (Mayor) | -Coordinator |
| Pratishya Sinjel (Deputy mayor) | -Member |
| Bharat Prasad Acharya (Municipality Administration Section Head) | -Member |
| Ram Prasad Shrestha (Project Contact Person) | -Member |
| Bharat Prasad Acharya (Municipality’s Social Development Officer) | -Member |
| Representative from DSC | -Member |

C. Third Level GRC has been established in PCO.

5.3.2 Processes of the GRM

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

A ticket or a unique number will be generated for all such call, messages and letters. The complainant will follow up based that unique number with Operator at PCO-Kathmandu. All complaints will be responded within two weeks at any level. In case response is not received from 1st level within 15 days, the complaint will be escalated to next level. If complaint remains unaddressed at 1st and 2nd within maximum 30 days after registering the compliant, it will be elevated to 3rd level at PCO level. The PCO within 7 days of time should instruct the concerned person at PMC 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.

5.3.3 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 will be established to report back to the concerned community or persons regarding the decision on the complaint. The grievances related to women will 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. No any grievances has been registered till to date. 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

5.3.4 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 Capacity Development & Training

Before the implementation of any project, there must be training programs for the local people so that they can work in the project. This helps them to uplift their economic standard as well as they can built capacity for the self-dependent when the project phase-out. This not only helps to uplift the Scio-economic condition of the people but also help to run the project smoothly due to their involvement in the project. This also reduce the influx of labor from outside the project area which ultimately reduce overburden in the natural resources like drinking water, food availability to name

a few. Extensive consultations with women and related communities are made so as to fulfillment of their identified problems with adjusting the following support program. So, in this project, the following capacity development and training programs will be conducted which are summarized below:

- I. Every worker at the project site will be given 1 day training and orientation for safety measure that has to be taken during the working period.
- II. Every heavy equipment driver will be given training for handling machinery properly.
- III. At least 2 or 3 gender sensitivity trainings should be given to the selected women in the project area. The duration of this training will be 1 day.
- IV. At least 1 Reproductive cum maternity health care orientation classes training should be given to the selected women in the project area. The duration of this training will be 2 days.
- V. At least 2 or 3 Women empowerment/awareness Leadership development training should be given to the selected women in the project area. The duration of this training will be 5 days.

Along with this, a new staff will be allocated for taking care of roadside plantation. The responsibility of this personal will be planting new trees along the alignment as directed by the concern authorizes and taking care of them.

7 Implementation Schedule and Cost Estimates

All proposed mitigation measures will be integrated in the project design so that these measures may automatically form part of the construction and operational phases of the project. The cost of executing the suggested mitigation measures such as of slope stabilization, awareness, waste management measures, shall be included in contractor's environmental and social plans, whereas tree plantation, etc. comes under the BoQ. The other remaining total cost for the ESMP is outlined in **Table 4-1**. Contractor will provide updated schedule for the implementation of construction works prior to the implementation and will be approved by the DSC.

8 Monitoring Cost

There will be no cost for establishment of Environment and Social Monitoring Unit as the monitoring unit lies within PIU as a DSC. The social, gender and environment expert within the DSC will monitor environment and social components and cost will be provisioned under DSC contract. The DSC will also consider cost requiring items such as air, water and noise monitoring.

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 Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality, November 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>

List of Annexes

Annex 1: Environmental and Social Screening Checklists

Annex 2: Minutes and Letters

Annex 3: Proposed Typical Cross Sections & Quarry Site at Sundada

Annex 4: GoN Permissible Environmental limits/standards

Annex 5: Water Quality Test Report

Annex 6: List of Zebra crossings and Delineator

Annex 7: Code of Conduct (CoC) on GBV

Annex 8: Photographs

Annex 1: Environmental and Social Screening Checklists

Checklist for Environmental Screening

SN	Particulars	Yes	No	Can't Say	Remarks
1.	Is the site vulnerable to major natural or induced hazards such as: Landslides, Flooding, Storm surge, Severe wind damage, Earthquakes, Fire, Explosion, Other (specify)	Yes			The project area has landslides area in Chainage 1+930 to 1+950, 2+170 to 2+180, 3+380 to 3+440, 4+050 to 4+080 and 4+130 to 4+300
2.	Is the project area adjacent to or within any of the following environmentally sensitive areas? <ul style="list-style-type: none"> • 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 	Yes			The project area is not within any environmentally sensitive area Road Alignment passes through 2 community forests namely Thulo Singhale Community Forest, and Laliguras Community Forest. However, the upgradation works will be carried out on the existing road width only, and there is already minimum required road width of at least 5.75 m available for the road upgradation works.
3.	Likely impact on trees (including Timber & fruit bearing) and vegetation cover	Yes			The project will not require cutting of trees.
4.	Possibility of degradation of land and ecosystems of surrounding?		No		
5.	Is the project area densely populated?		No		
6.	Heavy with development activities/big industries nearby & type?		No		
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?		No		
8.	Chance of deterioration of surface water quality due to silt runoff and sanitary	Yes			In start point of road alignment, in rainy

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

SN	Particulars	Yes	No	Can't Say	Remarks
	wastes from worker-based camps and chemicals used in construction				season runoff from the road can deteriorate water of Dumare River.
9.	Does the sub project require significant extraction of surface or ground water?		No		
10.	Increased risk of water pollution from oil, grease, fuel spills and other materials	Yes			This is probable if campsite is not managed properly
11.	Impact on water quality due to release of sewage/sludge?		No		
12.	Possibility of flooding due to sewage		No		
13.	Possibility of increased air pollution during Pre-construction/construction/operation phase?	Yes			During construction phase
14.	Other pollution concerns relating to inconveniences in living conditions that may trigger cases of upper respiratory problems?		No		
15.	Risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological hazards during project construction and operation	Yes			Physical hazards like accidents and illness are likely
16.	Noise and vibration due to blasting and/or other civil works?	Yes			However, blasting is not required
17.	Possibility of poor sanitation and solid waste disposal	Yes			Campsite management aspect
18.	Creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents?		No		
19.	Accident risks associated with pre construction, construction & operation phases of project	Yes			Injuries during construction phase, and traffic accidents during operation phase are potential risks
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)		No		The population influx will be in small scale (estimated to be around 100 to 125 workers/day during normal period, 150 - 200 workers/day

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

SN	Particulars	Yes	No	Can't Say	Remarks
					during peak construction period)
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?		No		Fuel and lubricants pose potential risks, but explosives are not used in the project
22.	Interference with other utilities and blocking of access to resource/utility	Yes			Six numbers of electric poles and 11KV transformer need to be shifted and reinstalled. 12 meter of water supply pipeline network will need to be restored.
23.	Generation of solid waste and/or hazardous waste during construction/operation of project?		No		

Checklist for Social Screening

SN	Particulars	Details	
1	Proposed Site Location	Tansen Municipality, Ward no. 10	
...	1.1	Land requirement for the project	It is an up-gradation of an existing road. Existing road formation width is 5.75 m.
	1.2	Land ownership of the project area: Govt. / Private lands	The existing formation width is 5.75 m. and already in public use. However, deed transfer along the alignment is yet to be carried out.
	1.3	Does the project require acquisition of Govt. land/structures?	No
	1.4	Present use of Govt. Land that will be used for the project activities with Persons/Households using for agriculture, residential, commercial and other purposes	No
	1.5	Does the project require acquisition of private land/structures?	No. The existing road width in use is 5.75 m. The RoW was declared on 2080/03/27 BS however, ownership of private land strips is yet to be transferred to Tansen Municipality. Tansen Municipality will conduct the process of transfer of deeds of these land parcels. (Letter from municipality on decision of RoW through the then municipal council meeting is provided in Annex 2)
	1.6	Present use of Govt. Land that will be used for the project activities with Persons/Households using for; ✓ Agricultural purposes ✓ Residential purposes ✓ Commercial purposes ✓ Other purposes (Indicate)	The existing formation width is in Publicly use.
	1.7	Does the project require relocation of encroachers/squatters	No

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

SN	Particulars		Details
	1.8	Does the project require relocation of community facilities/Govt. establishment or any objects that are of religious, cultural and historical significance	No
	1.9	Proposed project located in an area where residents are- <ul style="list-style-type: none"> • All Mainstream • All Indigenous peoples • Majority Mainstream or Non-indigenous peoples • Majority Indigenous peoples 	Majority Mainstream or Non-indigenous people
2	Potential Social Impacts- Will the Project cause		
	2.1	Involuntary resettlement of people? (physical displacement and/or economic displacement)	No, resettlement is not required in this project
	2.2	Impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups?	No such impact on poor women and children, indigenous people, and/or economic displacement.
	2.3	Will community facilities require relocation?	In total Six electric poles with transformer need to be shifted from the existing road alignment and new poles installed. Around 12 m of water supply pipeline network, considering both side of the road alignment, will need to be restored.
	2.4	Will the sub-project disturb any traditional activity on adjoining or nearby?	No
	2.5	Poor sanitation and solid waste disposal in construction camps and work sites	Yes, there will be concern of sanitation and solid waste disposal in construction camp and work sites.
	2.6	Possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations?	Local peoples have knowledge on such communicable diseases but laborer's understanding may be low about possible transmission of communicable diseases

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

SN	Particulars	Details
2.7	Large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)?	No, the up-gradation of road project is a small scale intervention, and there will be only around 100 to 125 workers at a particular time.
2.8	Social conflicts relating to inconveniences in living conditions where construction interferes with preexisting roads	No. But there will be temporary disturbances to locals during construction works. Traffic management plan will be prepared by the contractor and will be included in Contractor's Site specific ESMP.
2.9	Describe any other impacts that have not been covered in this screening form	Gender-based violence and GESI aspects; These aspects will be incorporated in ESMP.
2.10	Describe alternatives, if any, to avoid or minimize displacement from private and public lands	No such concerns
2.11	RAP/ARAP Requirement	No

Annex 2: Minutes and Letters



तानसेन नगरपालिका
नगर कार्यपालिकाको कार्यालय

तानसेन, पाल्पा
लुम्बिनी प्रदेश, नेपाल
सुदूरपश्चिम प्रदेश, नेपाल

प.नं. ३२४९

मिति: २०८०।०३।०७

विषय: जानकारी सम्बन्धमा ।

M/S AVIYAAN Consulting (P) Ltd., Ekata Marg New Baneshwor, Kathmandu in joint Venture with CEMECA consult (P) Ltd., Thapagaun, Kathmandu and moonlight Civill solution PVT.Ltd., Madhyapur Thimi, Bhaktapur.

उपरोक्त सम्बन्धमा आज मिति २०८०।०३।०७ गते बसेको कार्यपालिकाको बैठकबाट दुम्सेखोला- सुनडाडा- तेलघा- गुफाचौर- गाउनडाडा- सल्लाघारी- होलाइदी- सडकको बाटोको क्षेत्राधिकार (ROW) १५ मिटर कायम गरिएको निर्णय भएको व्यहोरा अनुरोध छ ।

जीवन ज्ञवाली
प्रमुख प्रशासकीय अधिकृत

जीवन ज्ञवाली
प्रमुख प्रशासकीय अधिकृत



घ.नं. १२

पत्र संख्या- ०२०/०८९

श्री गुराँसडाँडा सामुदायिक वन उपभोक्ता समूह
Guransdanda Community Forest Consumer Group

ता.न.पा.-१०, तेलघा, पाल्पा

Ta.Na.Pa.-10, Telgha, Palpa

स्था: २०५५

दर्ता नं. ३७४/०५४/०५५



मिति २०८०।०९।२०

विषयसिफारिस सम्बन्धमा ।

श्री

नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना
आयोजना समन्वय कार्यालय, चवरमहल काठमाण्डौ ।

प्रस्तुत विषयमा विश्व बैंकको आर्थिक सहयोग र नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना मार्फत तानसेन नगरपालिका वडा नं. १० मा आयोजना कार्यान्वयन चरणमा पुगेको दुस्रेखोला-सुनडाँडा-तेल्घा-गुफाचौर-गावुडाँडा-सल्लाघारी-होलाडदी सडक स्तरोन्नती गर्ने कार्यको लागि उक्त सडक खण्डमा गुराँसडाँडा सामुदायिक वन पर्ने भएको हुदा सडकको मापदण्ड ५.७५ मिटर देखि १० मिटर भित्र कुनै प्रकारका बोट विरुवा रूख नपर्ने भएको साथै सडक निर्माण गर्ने क्रममा यस सामुदायिक वनको बोटविरुवा रूख हानी नोक्सानी नभई वन वातावरणमा कुनै प्रकारको प्रतिकूल प्रभाव नपर्ने भनि मिति २०८०।०९।०४ गते बसेको उपभोक्ता समितिको बैठकले निर्णय समेत भएको व्यहोरा सिफारिस साथ अनुरोध छ ।



कृष्ण बहादुर राना
अध्यक्ष

माज मिति २०८० साल पौष ४ गतेका दिन यस गुरासडडा सामुदायिक वन उपभोक्ता समूहको अध्यक्ष श्री कृष्ण बहादुर राताको अध्यक्षतामा कार्य समितिको बैठक बसी निम्न प्रस्ताव माथि छलफल गरी निम्न अनुसार निर्णय गरियो /

उपस्थिति

- | | | |
|------------|------------------------|------------|
| अध्यक्ष | श्री कृष्ण बहादुर राता | |
| उपाध्यक्ष | श्री राम बहादुर बस्नेत | २०११/१२/०१ |
| सचिव | श्री देवी अस्लामी | |
| उपसचिव | श्री कृष्ण बहादुर राता | |
| सह सचिव | श्री राम चन्द्र कार्की | |
| दिल | श्री दिल कुमारी खिजाती | |
| सुमित्रा | श्री सुमित्रा वि. क. | |
| हाकुरसि | श्री हाकुर सिंह राता | |
| दोप बहादुर | श्री दोप बहादुर खिजाती | |
| दिलबहादुर | श्री दिल बहादुर कार्की | |
| धना | श्री धना राता | |
| कान्ता | श्री कान्ता अस्लामी | |
| बसन्ता | श्री बसन्ता अस्लामी | |

प्रस्ताव

- १) कोट बिल्डिग तथा रुख सम्पन्नता ।
- २) विविध ।

निर्णय

प्रस्ताव नं. १ सम्बन्धमा छलफल गर्दा यस तानसेन नगरपालिका वडा नं. १० मा कार्यान्वयन हुने हुमरे खोला देखा तेलघा गुफाचौर सम्म मोटर बाटो (सडक) स्तरोन्नतिको लागि विद्युत बिजुली सहयोग प्राप्त भएको र उक्त सडक ले यस गुरासडडा सामुदायिक वन क्षेत्रको केही भाग खाली चौर माज काटोले हुने भएको र वन क्षेत्रमा कुनै किसिमको कोट बिल्डिग, रुख हानी केही नभएको र स्तरोन्नति गर्ने क्रममा यस गुरासडडा सा. व. मा कुनै किसिमको पतिकुल प्रभाव पर्ने भएकोले सर्व सम्मत हानी नोक्सानी नगरने निर्णय गरियो।

बसन्ता
 धना
 दोप
 दिल
 कान्ता
 हाकुरसि
 सुमित्रा
 हाकुरसि



तानसेन नगरपालिका

१० नं. वडा कार्यालय

तेल्घा, तानसेन, पाल्पा

लुम्बिनी प्रदेश, नेपाल

☎: ०३५-४११०१२

ई-मेल: tansenmun10@gmail.com

चलानी नं. ६४६
पत्र संख्या: २०८०/०८९

मिति २०८०।०९।२०

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



विषय : सिफारिस सम्बन्धमा ।

प्रस्तुत विषयमा विश्व बैंकको आर्थिक सहयोग र नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना मार्फत तानसेन नगरपालिका वडा नं. १० मा आयोजना कार्यान्वयन चरणमा पुगेको दुम्प्रेखोला-सुनडाँडा-तेल्घा-गुफाचौर-गावुडाँडा-सल्लाघारी-हुलुन्दी सडक स्तरोन्नती गर्ने कार्यको लागि उक्त सडक खण्डमा २ वटा सामुदायिक वन पर्ने भएको हुदा सडकको मापदण्ड ५.७५ मिटर देखि १० मिटरभित्र कुनै प्रकारका रुख तथा बोट विरुवा नपर्ने भएको साथै वन क्षेत्रलाई कुनै प्रकारको क्षति नहुने भएको र सो सडक निर्माण गर्ने क्रममा उल्लेखित वनका उपभोक्ता समितिहरूले कुनै किसिमको बाधा अवरोध नगर्ने भनि उपभोक्ताको समितिको निर्णय भएकोले सोही आधारमा सडकको निर्माण कार्य अगाडी बढाउन सिफारिस साथ अनुरोध छ ।


हिमलाल पंगेनी
वडा अध्यक्ष
हिमलाल पंगेनी
वडा अध्यक्ष



ढुलो सिंगाले वन उपभोक्ता समूह

तेल्हा - ७, पारुवा



पत्र संख्या: ०८०/०८९

मिति: २०८०/०३/२०

विषय: सिफारिस सम्वन्धमा।

बाे नेपाल राट्टरी शासकीय तथा पूर्वाधार आयोजना
आयोजना समन्वय कार्यालय
अवरमहल काठमाडौं।

प्रस्तुत विषयका विश्व बैंकको अधिक सहयोग र नेपाल शासकीय तथा पूर्वाधार आयोजना अर्फिद तानसेन नगरपालिका वडाने मा आयोजना कार्यान्वयन चरणका पुगेको डुमरेखोला-सुनडाँडा-तेल्हा गुफाचौर-जावुडाँडा सव्वाधारी टोलगाडी सडक स्तोकति जर्गको लागि सडक खण्डमा यस ठूलो खिगलि सामुदायिक का पर्गे भएको डुंटा सडक मापदण्ड ५.७५ देखि १० मि. भिज कुनै प्रकारको रुख, पोटा विह्ववा नपर्ने भएकै सडक निर्माण गर्न क्रमका पनि वन क्षेत्रलाई कुनै प्रकारको क्षति नवने वातावरणका कुनै प्रकारको प्रतिकुल प्रभाव नपर्ने भनि समितिको वैले ले निर्णय गरेको डुंटा सिफारिस लक्ष अनुरोध छ।

डुंटा
धनकुमारी विष्ट
की.वी. अध्यक्ष



प.स. २०८०/०८१

च.न. ४१४

नेपाल विद्युत प्राधिकरण

(नेपाल सरकारको स्वामित्व)

वितरण तथा ग्राहक सेवा निर्देशनालय

लुम्बिनी प्रादेशिक कार्यालय

पाल्पा वितरण केन्द्र



कार्यालय :- ०५५-५२०५११
ई./फ्युज सेवा :- ०५५-५२०२२२
सब स्टेशन :- ०५-५२०९५०
E-mail - palpa@nea.org.np

मिति : २०८०/०९/२०

श्री नगर कार्यपालिकाको कार्यालय,
तानसेन नगरपालिका, तानसेन पाल्पा।

विषय : लागत अनुमान पठाइएको सम्बन्धमा ।

उपरोक्त विषयमा त्यहाँ कार्यालयको मिति २०८०/०९/१३ को पत्रमा (प.सं. ०८०/८१ , च.नं. १३५१) माग भए बमोजिम स्थलगत निरीक्षण गरि लागत अनुमान तयार गरि यसै पत्र साथ पठाइएको व्यहोरा जानकारी गराइन्छ। साथै उक्त लागत अनुमान बराबरको रकम रु. ६,३९,९४५।९५ (अक्षरूपी छ लाख एकतीस हजार नौ सय पैतालीस रुपैयाँ र पैसा पन्चानब्बे मात्र) नेपाल विद्युत प्राधिकरण, पाल्पा वितरण केन्द्रको तपसिल बमोजिमको धरौटी खातामा जम्मा गरिदिनुहुन जानकारी गराइन्छ।

तपसिल:

Bank Name: Nabil Bank Ltd
Account Name: NEA PALPA DISTRIBUTION CENTER
Account No.: 00201017505513

श्री नगर कार्यपालिकाको कार्यालय
तानसेन नगरपालिका, तानसेन पाल्पा
२०८०/११/२०

ई. दिलिप मरासेमी
केन्द्र प्रमुख
केन्द्र प्रमुख

तानसेन नगर कार्यपालिकाको कार्यालय
मिति २०८०/११/२०
वर्ता नं. २६८२

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

आज मिति २०८०/०२/१६ गतेका दिन भानुसेन नगरपालिकामा वडा नं.१० मा स्तरोन्नति सहित संचालन प्रस्ताव गरिएको बुम्खोला-सुनडाडा-तेल्हा-गुफाचौर-गाउनडाडा-सल्लाघारी-होलाइदी सडकको बाटवर्णको विभिन्न पक्षलाई समेट्ने गरि बसेको बैठकले निम्न उपस्थितिमा देहाय बमोजिमको राय सुझाव संकलन गरियो ।

समय: बिहान ८ बजे

स्थान: सुनडाडा

उपस्थिति:

क्र.स.	नाम	पद	हस्ताक्षर
१.	सुब्बालाल पंगडा	वडा अध्यक्ष-१०	
२.	धन कुमारी बिष्ट	वडा सदस्य-१०	
३.	राम प्रसाद श्रेष्ठ	वडा सदस्य	
४.	सुब्बालाल कुमारी	वडा सदस्य	
५.	सुब्बालाल कुमारी	वडा सदस्य	
६.	धन कुमारी	वडा सदस्य	
७.	धन कुमारी	वडा सदस्य	
८.	सुब्बालाल कुमारी	वडा सदस्य	
९.	धन कुमारी बिष्ट	वडा सदस्य	
१०.	सुब्बालाल कुमारी	वडा सदस्य	
११.	धन कुमारी	वडा सदस्य	
१२.	सुब्बालाल कुमारी	वडा सदस्य	
१३.	धन कुमारी	वडा सदस्य	
१४.	सुब्बालाल कुमारी	वडा सदस्य	
१५.	धन कुमारी	वडा सदस्य	
१६.	सुब्बालाल कुमारी	वडा सदस्य	
१७.	धन कुमारी	वडा सदस्य	
१८.	सुब्बालाल कुमारी	वडा सदस्य	
१९.	धन कुमारी	वडा सदस्य	
२०.	सुब्बालाल कुमारी	वडा सदस्य	
२१.	धन कुमारी	वडा सदस्य	
२२.	सुब्बालाल कुमारी	वडा सदस्य	
२३.	धन कुमारी	वडा सदस्य	
२४.	सुब्बालाल कुमारी	वडा सदस्य	
२५.	धन कुमारी	वडा सदस्य	
२६.	सुब्बालाल कुमारी	वडा सदस्य	

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

२७.	रामजय अर्जुन	५	
२८.	बाली कण्डारी	५	
२९.	दिपक शर्मा	५	
३०.	श्री प्रसाद अग्रहारी	५	
३१.	शाल के शिरा	५	
३२.	सविन शर्मा	५	
३३.			
३४.			
३५.			

राय सुझावहरू

१. सडक निर्माणका क्रममा स्थानीय बासिन्दालाई राजगारीता प्रयोगकर्ता दिनुपर्ने।
२. समुदायिक सम्पत्ति जस्ता, मन्दिर, पोल सकेसम्म जोगाएर राख्नु पर्ने।
३. मिडले पानीको पाइप सकेसम्म दिने प्रस्ताव दिनुपर्ने वा पानीको व्यवस्था गर्नुपर्ने।
४. स्वास्थ्यका कटाक जरुरीका १:१० को वृत्तारोपण गर्नु।

रामजय अर्जुन
 बाली कण्डारी
 दिपक शर्मा
 श्री प्रसाद अग्रहारी
 शाल के शिरा
 सविन शर्मा

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

आज मिति २०८०/०२/१६ गतेका दिन तानसेन नगरपालिकामा वडा नं.१० मा स्तरोन्नति सहित संचालन प्रस्ताव गरिएको हुमेश्वरी-सुनडाडा-तेलघा-गुफाचौर-गाउनडाडा-सल्लाघारी-होलाडरी सडकको वातवरणको विभिन्न पक्षबाट समेट्ने गरि धरौंको बैठकले निम्न उपस्थितिमा देहाय बमोजिमको राय सुझाव संकलन गरियो ।

समय: १ घण्टा १० मिनेट

स्थान: तेलघा

उपस्थिति:

क्र.स.	नाम	पद	हस्ताक्षर
१.	हीमलाल पौडेल	वडा उपाध्यक्ष-१०	
२.	धन बज्रा विष्ट	वडा सदस्य-१०	
३.	राम प्रसाद श्रेष्ठ	वडा सदस्य-१०	
४.	सरोज कुमारी	वडा सदस्य-१०	
५.	रेवण बहादुर अस्लामी	तेलघा, सडकबाट	
६.	मूल बहादुर शर्मा	"	
७.	तुलसी शर्मा	"	
८.	लक्ष्मी निदा	सुनडाडा, तेलघा	
९.	लक्ष्मी शर्मा	"	
१०.	हेम बहादुर अस्लामी	"	
११.	मूल व. शर्मा	"	
१२.	सोनिता वि.श.	"	
१३.	आशा वि.श.	"	
१४.	सवित्रा वि.श.	"	
१५.	देव व. अस्लामी	"	
१६.	राम व. शर्मा	"	
१७.	मित्र व. शर्मा	"	
१८.			
१९.			
२०.			
२१.			
२२.			
२३.			
२४.			
२५.			
२६.			

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

२७.			
२८.			
२९.			
३०.			
३१.			
३२.			
३३.			
३४.			
३५.			

राय सुझावहरू

१. स्वास्थ्यम स्वास्थ्यकर्मीलाई रोजगारीका प्राथमिकता दिनुपर्ने।
२. बाको डडेला पानी बकने पर्ने।
३. खेतका कार्यहरू गर्नपर्ने।
४. बाको सामाजिक सुधार उचित हुनुपर्ने।

५/१/२०११
 [Signature]
 [Signature]

मिति - २०७३।१।१६ गते दिनांक - ३ वजे तातखेत नगर
पालिकाला नगर प्रमुख र्सी प्रत्येकपाल विवेक ज्यू को
सुदुखबलताया देहायको उपस्थितिमा NUSIP पत्रिका
को सुने - (सुदुख) सुदुखको कुनैलेले अभिमान विवेक
र सुनलाइते जेरीले तथा जोडो survey presentation
मा उपस्थित भई देहाय कर्मको जिने गरी इतिहास
सम्बन्धन गरियो ।

उपस्थिति

- १. ~~सुदुख~~ ~~को~~ प्रत्येकपाल श्रेष्ठ - नगर प्रमुख - उपस्थित
- २. ~~जोडी~~ ~~को~~ प्रतिष्ठा विवेक - नगर उप प्रमुख
- ३. ~~जोडी~~ ~~को~~ जीवन शैली - प्रमुख प्रशासकीय अधिकारी
- ४. ~~जोडी~~ ~~को~~ यारन सिंह शर्मा - नगर प्रमुख
- ५. ~~जोडी~~ ~~को~~ महेश्वर श्रेष्ठ - वडा अध्यक्ष - २
- ६. ~~जोडी~~ ~~को~~ हसनलाल शर्मा - वडा अध्यक्ष - ४
- ७. ~~जोडी~~ ~~को~~ कबुलान शर्मा - वडा अध्यक्ष - २
- ८. ~~जोडी~~ ~~को~~ द्विपाल ठाकुरी - वडा अध्यक्ष - १०
- ९. ~~जोडी~~ ~~को~~ राम बहादुर शर्मा - समिति सदस्य
- १०. ~~जोडी~~ ~~को~~ राम शर्मा श्रेष्ठ - इ. व. न. ५
- ११. ~~जोडी~~ ~~को~~ मति शर्मा शर्मा - इ. व. न. ५
- १२. ~~जोडी~~ ~~को~~ सुदि प्रसाद शर्मा - प्रह वरिष्ठ
- १३. ~~जोडी~~ ~~को~~ शिव शर्मा - इ.
- १४. ~~जोडी~~ ~~को~~ सुजिता शर्मा - सन-इन्जिनियर
- १५. ~~जोडी~~ ~~को~~ जेनेबि जोशी - कुनैलेले इन्जिनियर
- १६. ~~जोडी~~ ~~को~~ दिपक शर्मा - " "
- १७. ~~जोडी~~ ~~को~~ देबालाल शर्मा - इ. व.
- १८. ~~जोडी~~ ~~को~~ सुजिता शर्मा - शिक्षा अधिकारी
- १९. ~~जोडी~~ ~~को~~ रवि शर्मा वरिष्ठ
- २०. ~~जोडी~~ ~~को~~ सागर शर्मा " "
- २१. ~~जोडी~~ ~~को~~ सुवास शर्मा
- २२. ~~जोडी~~ ~~को~~ ~~सुवास शर्मा~~
- २३. ~~जोडी~~ ~~को~~ नारायण शर्मा वडा अध्यक्ष - ६
- २४. ~~जोडी~~ ~~को~~ मधुसुदन शर्मा - इ. व.
- २५. ~~जोडी~~ ~~को~~ पवित्र कुमाल शर्मा - वडा अध्यक्ष - १

निर्णय नं. १

वानकेन नगरपालिका संचालन हुने Nugip
परियोजनाको दुधे-सुडाडा-गुफा चौर सडकको कसरी
काट ल्याउनेको Report को जानकारी भयो। सो
सम्बन्धमा प्रभावित वस्ती र सडकको गेड र अन्य
धप जानकारीको लागि वानकेन नगरपालिका प्रमुख
सम्बन्धको टोली गेड धप कसरीको को कारकोट
लाई बुझाउन दिने निर्णय गरियो।

ब.प.



श्री नेपाल सहरि शासकीय
तथा पुर्वधार आयोजना, आयोजना
समन्वय कार्यालय पवरमहल, काठमाडौं

मिति - २०७०/०९/२०

विषय :- सहमती सम्बन्धमा

प्रस्तुत विषयमा यस तानसेन नगरपालिका कार्ड नं. १० मा
कार्यालय नमा आउने लागेको दुम्ने खोला सुनडाडा - तेल्छा -
गुफाचौर - गाउतडाडा - खल्लाघारी हुलुङ्दी बाइके स्तरउन्तली
गर्न क्रममा निर्माण सामग्री राख्नको लागि म खकीसरा चिदीले
सुनडाडामा रहेको मेरो पडगाना सामग्रीहरू राख्नको लागि छउ
दिने सहमति छु।

खकीसरा चिदी

निवेदक

खकीसरा चिदी
तानसेन - १० सुनडाडा

Minutes of meeting with water users group

आज मिति २०८० साल वैशाख २९ गतेका दिन यस तेल्हा खोला-पानी तथा सरसफाई उपभोक्ता समूहका अध्यक्ष श्री कृष्ण बहादुर राता रको अध्यक्षतामा उपभोक्ता समितिको बैठक बसी निम्न प्रस्ताव माथि इलजल गरी निम्न अनुसार निर्णय गरियो।

उपस्थिति

१) अध्यक्ष श्री कृष्ण बहादुर राता
 २) उपाध्यक्ष श्री रतन बहादुर कार्की
 ३) सचिव श्री राम बहादुर बस्नेत
 ४) कोषाध्यक्ष श्री दिल कुमारी खिजापती
 ५) ~~शिव बहादुर कार्की~~ श्री शिव बहादुर कार्की
 ६) सदस्य श्री कुल बहादुर राता
 ७) सदस्य श्री सुमित्रा विठ्ठल
 ८) सदस्य श्री राम चन्द कार्की

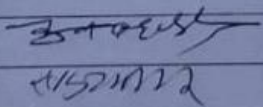
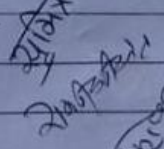
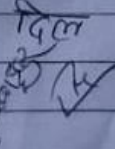
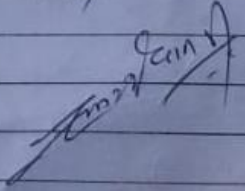
प्रस्तावहरू

१) सडक निर्माकमा सहयोग लिनका लागि।
 २) विविध।

निर्णय

नि. नं. १

प्रस्ताव नं. १ सम्बन्धमा तानसेन नगरपालिका वडा नं. १० तेल्हाको दुम् खोला, सुनडाँडा, तेल्हा गुफाचौर हुँदै होलादी सडक स्तरोन्नतीका लागि खिरब बँधबाट सहयोग प्राप्त भएको र उक्त सडक निर्माण गर्ने गर्दा विपट खानेपानीको पाइप लाइन पर्ने जाने हुँदा सो स्थानमा सडक निर्माण अवधि सम्म अन्य पानी मुलबाट उपभोक्ताहरूलाई खाने पानीको व्यवस्था मिलाई सोसना सम्पन्न गर्नु सहयोग गर्ने निर्णय गरियो।

अध्यक्ष  सुमित्रा  दिल  



नेपाल सरकार
गृह मन्त्रालय
जिल्ला प्रहरी कार्यालय
(अपराध अनुसन्धान तथा कारवाही शाखा)

फोन { कन्ट्रोल: १००
०७५-५२०१९९
०७५-५२११००
९८५७०६०७७९

तानसेन, पाल्पा

पत्र संख्या: २०८०/०८१
प्रा.प.स.

च.नं. १८६५

मिति: २०८०।१०।२८ गते।

ने.सं. ११४४ सिल्लाथ्व २ आईतबार।


विषय: विवरण उपलब्ध गराइएको।


श्री तानसेन नगर कार्यपालिकाको कार्यालय,
तानसेन, पाल्पा।

उपरोक्त सम्बन्धमा त्यस कार्यालयको चलानी नं. १६७३ मिति २०८०।१०।२६ गतेको पत्रसाथ माग भई आएको तानसेन नगरपालिका वडा नं.१० को वडा यरियामा भएको निम्न घटनाहरूको विवरण निम्न अनुसार पठाइएको ब्यहोरा अनुरोध गरिएको छ।

निम्न:-

F/Y	Domestic violence	Rape	Attempt to rape	Polygamous	Child marriage	Child Abuse	Unnatural Sex
077/078	-	-	-	-	-	-	-
078/079	-	1	-	-	-	-	-
079/080	-	-	-	-	-	-	-
080/081	-	1	-	-	-	-	-
Total	-	2	-	-	-	-	-


प्रहरी निरीक्षक
(श्रीराम भट्ट)


चलानी नं. २०
पत्र संख्या : ०१०/१९

तानसेन नगरपालिका
नगर कार्यपालिकाको कार्यालय

तानसेन, पाल्पा
लुम्बिनी प्रदेश, नेपाल
तानसेन नगरपालिका
नगर कार्यपालिकाको कार्यालय
तानसेन, पाल्पा
लुम्बिनी प्रदेश, नेपाल
२०७३

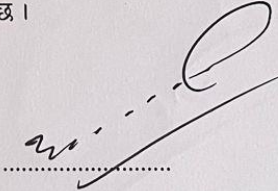
☎: ०७५-५२०१०९, ५२०८९३
५२०१२९, ५२०९०९
ई-मेल: ito.tansenmun@gmail.com
info@tansenmun.gov.np

मिति-२०८०/०४/०८

श्री नेपाल शहरी शासकीय तथा पुर्वाधार आयोजना
बबरमहल काठमाण्डौ

विषय :- Anti-Harassment cell को जिम्मेवारी तोकिएको बारे ।

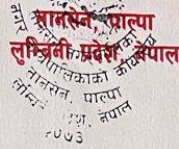
नेपाल शहरी शासकीय तथा पुर्वाधार आयोजनाबाट मिति २०८०/०३/१० को चलानी -३५१ को पत्रानुसार उप-आयोजना संग सम्बन्धित लैङ्गिक हिंसा तथा यौन दुर्व्यहारहरु सम्बन्धी गुनासोहरुलाई अभिलेखिकरण तथा सहजीकरण गर्नका लागी यस नगरपालिकाको चिना कुमारी न्यौपाने (जवाली) लाई Anti-Harassment cell को जिम्मेवारी तोकिएको ब्यहोरा अनुरोध छ ।


जीवन जवाली
प्रमुख प्रशासकीय अधिकृत
जीवन जवाली
प्रमुख प्रशासकीय अधिकृत



तानसेन नगरपालिका
नगर कार्यपालिकाको कार्यालय

चलानी नं. ७७०
पत्र संख्या : ०८०/०८०



☎: ०७५-५२०१०९, ५२०८९३
५२०१२९, ५२०९०९
ई-मेल: ito.tansenmun@gmail.com
info@tansenmun.gov.np

श्री १० नं वडा कार्यालय
तानसेन, पाल्पा

मिति : २०८०-०७-०७

विषय : प्रथम तहको गुनासो सुनुवाई समिति गठन गरिएको बारे।

आज मिति २०८०-०९-०२ गतेका दिन यस तानसेन नगरपालिकाका नगर प्रमुख सन्तोष लाल श्रेष्ठ ज्यूको अध्यक्षतामा बैठकले विश्व बैंकको आर्थिक सहयोगमा नेपाल शहरी शासकीय तथा पूर्वधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन् लागेको यस पाल्पा जिल्ला तानसेन नगरपालिका वडा नं. १० मा पर्ने दुम्रेखोला- सुन्डाडा- तेलघा- गुफाचौर- सल्लाघारी- हुलुङ्गडी सडक खण्ड (लम्बाई- ६. ६६८ कि. मि.) को निर्माण अघि र निर्माणका क्रममा कुनै प्रकारका समस्याहरु र गुनासाहरुको सुनुवाई र समाधानका लागि आयोजनाको मापदण्ड अनुसार तपसिलका उल्लेखित प्रथम तहको गुनासो सुनुवाई गठन गर्ने निर्णय गरियो।

तपसिल

१. संयोजक :हिमलाल पंगेनी , वडाध्यक्ष वडा नं. १०
२. सदस्य :धन कुमारी विष्ट , वडा सदस्य
३. सदस्य: चुन कुमारी कामी, वडा सदस्य
४. सदस्य: केशरी राना सिंजाली, वडा सदस्य
५. सदस्य :लोक बहादुर राना , वडा सदस्य
६. सदस्य:राम प्रसाद श्रेष्ठ, इन्जिनियर,
७. सदस्य:भारत प्रसाद आचार्य, सामाजिक विकास शाखा प्रमुख
८. सदस्य:चिना कुमारी न्यौपाने (Focal Person Anti Harassment Cell)
९. सदस्य : सामाजिक सुरक्षण / वातावरण विशेषज्ञ / सुपरभिजन इन्जिनियर (DSC)

सन्तोष लाल श्रेष्ठ

नगर प्रमुख

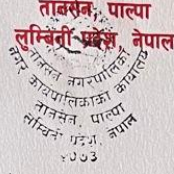
सन्तोष लाल श्रेष्ठ
नगर प्रमुख

Website : www.tansenmun.gov.np



चलानी नं. १२०१
पत्र संख्या : ०८०/१९

तानसेन नगरपालिका
नगर कार्यपालिकाको कार्यालय



फोन : ०७५-५२०१०९, ५२०८९३
५२०१२९, ५२०९०९
ई-मेल : ito.tansenmun@gmail.com
info@tansenmun.gov.np

मिति : २०८०-१०-०२

श्री १० नं वडा कार्यालय
तानसेन पाल्पा

बिषय : द्वितिय तहको गुनासो सुनुवाई समिति गठन गरिएको बारे।

आज मिति २०८०-१०-०२ गतेका दिन यस तानसेन नगरपालिकाका नगर प्रमुख सन्तोष लाल श्रेष्ठ ज्यूको अध्यक्षतामा बैठकले बिश्व बैकको आर्थिक सहयोगमा नेपाल शहरी शासकीय तथा पूर्वाधार आयोजना (NUGIP) मार्फत स्तरोन्नति हुन् लागेको यस पाल्पा जिल्ला तानसेन नगरपालिका वडा नं. १० मा पर्ने डुम्रेखोला- सुन्डाडा- तेलघा- गुफाचौर- सल्लाघारी- हुलुङ्गडी सडक खण्ड (लम्बाई- ६. ६६८ कि. मि.) निर्माणका अवधिमा आउने गुनासाहरुको अध्ययन गरि स्थानीय स्तरमानै समाधान गर्न निम्न उल्लेखित व्यक्तिहरु रहने गरि एक गुनासो सुनुवाई समिति (GRC) गठन गरिएको बारे सम्बन्धित सबैलाई जानकारी गराइन्छ। साथै आयोजना सम्बन्धित कोहि कसैलाई कुनै गुनासो भए उल्लेखित गुनासो सुनुवाई समितिमा मौखिक वा लिखित रुपमा जानकारी गराउनुहुन अनुरोध छ।

तपसिल

१. संयोजक : सन्तोष लाल श्रेष्ठ, नगर-प्रमुख
२. सदस्य : प्रतिक्षा सिन्जेली, नगरपालिका उप-प्रमुख
३. सदस्य : भारत प्रसाद आचार्य, नगरपालिका प्रशासन शाखा प्रमुख
४. सदस्य : राम प्रसाद श्रेष्ठ, नगरपालिका आयोजना सम्पर्क व्यक्ति (इन्जिनियर)
५. सदस्य : भारत प्रसाद आचार्य, नगरपालिका सामाजिक अधिकृत/ सामाजिक विकास शाखा प्रमुख
६. सदस्य : सामाजिक सुरक्षण / वातावरण विशेषज्ञ / सुपरभिजन इन्जिनियर (DSC)

सन्तोष लाल श्रेष्ठ

नगर-प्रमुख

सन्तोष लाल श्रेष्ठ
नगर प्रमुख

Website : www.tansenmun.gov.np

आज मिति २०८१ साल बैशाख ३१ गतेका दिन हुमेशोला-
खुनडाँडा - तेल्छा - गुफाचौर - गावुडाँडा - खल्लाघारी - होलजुही
सडक स्तरोन्नति सहजीकरण समितिका संयोजक श्री कृष्ण
कचहुर रानाको अध्यक्षतामा बैठक बसी निम्न महत्त्वमाथि
फलफल गरी निम्नानुसार निर्णय गरियो ।

उपस्थिति

सदस्य	श्री	पद
अध्यक्ष (संयोजक)	श्री कृष्ण कचहुर राना	
सदस्य	श्री चणकुमारी विष्ट (का सदस्य)	
सदस्य	श्री केवारी खिजाली (का सदस्य)	
सदस्य	श्री जल कचहुर राणा	
सदस्य	श्री कृष्ण कचहुर राणा	
सदस्य	श्री जोगलेन वस्नेत	
सदस्य	श्री राम कचहुर वस्नेत	
सदस्य	श्री रमेश कचहुर राणा	
सदस्य	श्री रमेश कचहुर कर्म	
देवि	श्री देवी अल्लामी	इफोका सदस्य
सदस्य	श्री लक्ष्मी अल्लामी	
सदस्य	श्री तुल्सा अल्लामी	
सदस्य	श्री चण्डा खान्या	
सदस्य	श्री सुमिजा विष्ट	
सदस्य	श्री तेजी कुमारी राना	
सदस्य	श्री मना अल्लामी	
सदस्य	श्री विष्णु कुमारी राना	
सदस्य	श्री तुल्सी अल्लामी	
सदस्य	श्री कस्तुरी अल्लामी	
सदस्य	श्री केवारी वस्नेत	
सदस्य	श्री शाला राणा	
सदस्य	श्री कावती राना	
सदस्य	श्री देवा चिडी खिजाली	
सदस्य	श्री पशुपता राणा	

आज मिति २०८१ साल चैत्र १ गतेका दिन दुमरेखोला-सुनडाँडा तेन्सा-गुफाचौर-गातुडाँडा-सक्लाचारी-होलाङ्गदी सडक स्वरोचक सडकीकरण समितिका संयोजक श्री कृष्ण बहादुर राताको अध्यक्षतामा बैठक बसी निम्न प्रस्तावहरू माथि दलफल गरि निम्नानुसार निर्णय गरियो।

उपास्थिति

- | | |
|----------------------------|--------------------------------------|
| सुनडाँडा संयोजक | श्री कृष्ण बहादुर राता |
| अध्यक्ष जनप्रतिनिधि | श्री ज्ञान कुमारी विष्ट (वडा लक्ष्य) |
| सदस्य | श्री केशरी विजानी (वडा लक्ष्य) |
| सदस्य | श्री राम बहादुर बस्नेत |
| सुमित्रा | श्री सुरेश विष्ट |
| इन्द्रकुमार | श्री सुशेखा विष्ट |
| अम्बिका | श्री इन्द्र कुमारी स्वामी |
| गुनी राना | श्री अम्बिका गौतम |
| स्तीरा | श्री गुनी सरा नराना |
| शान्ति | श्री स्तीरा राना |
| माया काको | श्री शान्ति राना |
| विष्णु | श्री माया काको |
| सुन्तोली | श्री विष्णु भण्डारी |
| विष्णु | श्री सुन्तोली स्वामी |
| रीना | श्री विष्णु स्वामी |
| सुमना | श्री रीना वि.क |
| | श्री सुमनाया स्वामी वि.क |

प्रस्ताव

१. दलित-आदिवासी जनजाति तथा निम्न कौशिय दलकल खान्धा

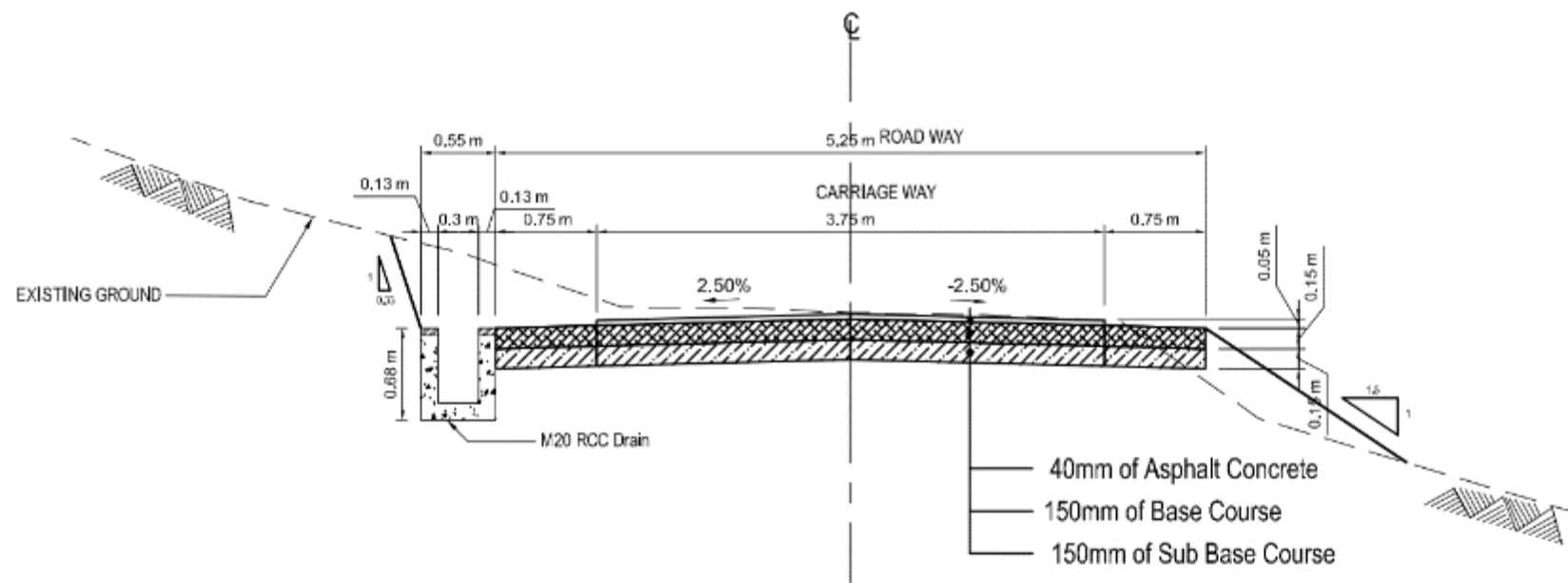
निर्णय

प्रस्तुत विषयमा विभिन्न वडुको आर्थिक सहयोग र नेपाल शहरी शालकीय तथा श्रवण आयोजना मार्फत तानसेन नगरपालिका वडा नं. १० मा आयोजना कार्यन्वयन चरणमा पुगेको डुम्रे खोला-सुनडाडा-तेल्हा-गुफाचौर-ठावुडाडा-सल्लाघारी-होलाहुदी सडक स्तरोन्नति गर्ने कार्य अन्तर्गत विभिन्न चरणमा स्थानीय जनप्रतिनिधि लगायत स्थानीय वासिन्दा सँग दलकल तथा आयोजना सम्बन्धी जानकारी यस तानसेन नगरपालिका तथा आयोजनाका परामर्शदाताबाट हुँदै आएको अवकाल मै हो आयोजना कार्यन्वयनको अवस्थामा रहेको हुँदा आयोजनाबाट प्रभावित तथा लाभान्वित हुने जनसमुदाय अन्तर्गत दलित-आदिवासी जनजाति तथा निम्न कौशिय व्यक्तिहरू पनि रहेका हुँदा उहाँहरू सँग पनि आयोजनाको जानकारीको लागि दलकल गरीएको हो।

[Handwritten signatures and names]

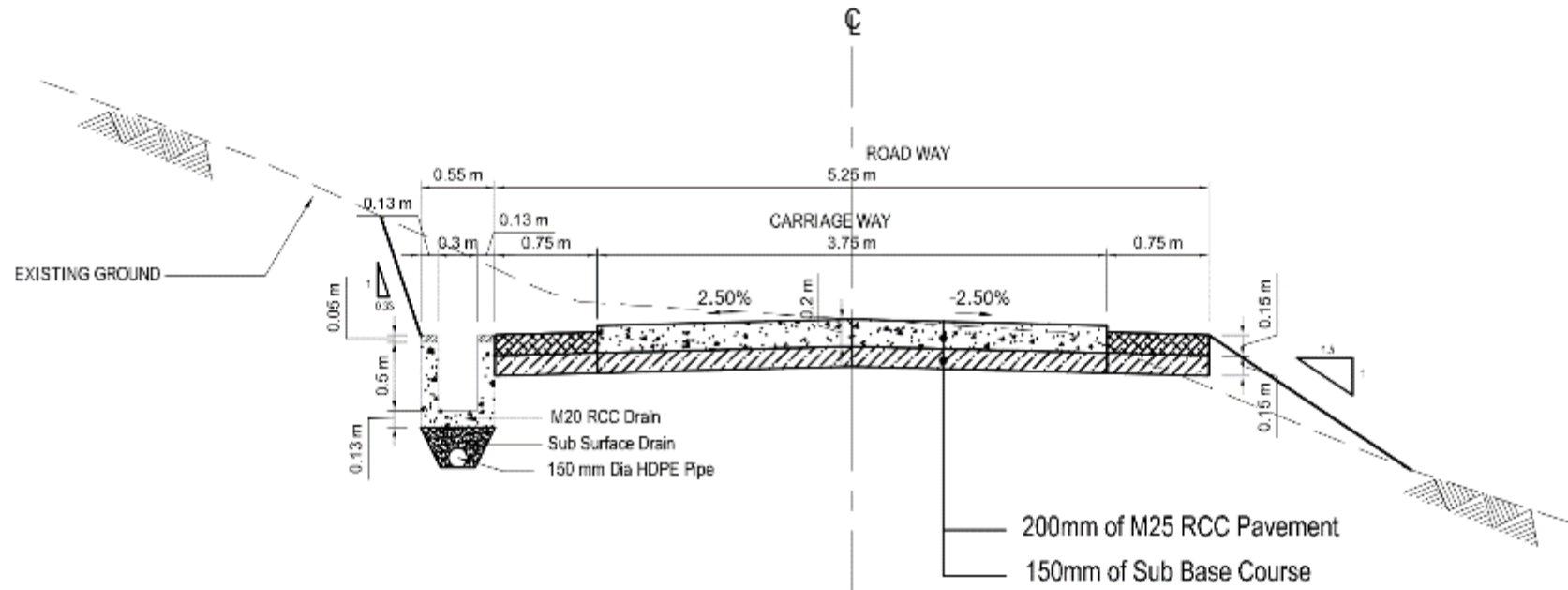
Annex 3: Proposed Typical Cross Sections

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality



Typical Cross section of 5.25 m road in hilly area.

ESMP for Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality



Typical Cross section of 5.25 m road in hilly area

Annex 4: GoN Permissible Environmental limits/standards

ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

(A) Standards for Inland Surface waters from combined wastewater treatment

(B) National Drinking Water Quality Standard, 2079 BS

B-1: Mandatory Parameters to be tested

SN	Parameters	Unit	Limits	Remarks
	Physical			
1	Turbidity	NTU	5	
2	pH		6.5 - 8.5	
3	Color	TCU	5	
4	Taste & odor		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	

ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

B-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)	

(C) National Ambient Air Quality Standard, 2069 BS

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

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

(D) National Sound Pressure Level, 2069

Microenvironment	Sound Pressure Level, $L_{eqdB(A)}$	
	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

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

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

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

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

Annex 5: Water Quality Reports



SWAT/F/C/04
Version no: 01
Issue no: 02
Revision no: 03
Effective date: 2021/08/01



Soil Water and Air Testing Laboratories Pvt. Ltd.
VAT No: 605928743
Tel: +977-01 4249480
Email: swatlab2017@gmail.com
PO Box: 25752, Kathmandu, Nepal
Sisir Marga 11, Babarmahal, Kathmandu, Nepal

WATER ANALYSIS REPORT

Name of Client:	Aviyaan-Cemeca-Moonlight JV Pvt. Ltd.	Lab Code:	22/06-698 (a)
Collector:	Ravi Bhandari	Location:	Dumare River Near Bridge
Source:	Water (River)	Sampled By:	Client
Sampling Date/Time:	-	Test Performance Date:	2023/06/07-2023/06/13
Receipt Date:	2022/06/05	Issued Date:	2022/07/05

Parameters	Results	Unit	NDWQS	Method
Physical				
Conductivity	346	µS/cm	1500 (max)	2510 B. APHA 23 rd edition
pH	7.18	-	6.5-8.5	4500 H+ B. APHA 23 rd edition
Chemical				
Alkalinity	242	mg/L	2000	2320 B. APHA 23 rd edition
Dissolved Oxygen (DO)	4	mg/L	-	DO Meter
Biological Oxygen Demand (BOD)	15	mg/L	500	5210 B. APHA 23 rd edition
Chemical Oxygen Demand (COD)	22	mg/L	15000	5220 D. APHA 23 rd edition
Chloride	17.99	mg/L	250	4500-Cl- B. APHA 23 rd edition
Phosphate	0.02	mg/L	2	4500-P E. APHA 23 rd edition
Nitrate	0.16	mg/L	50	4500 NO ₃ ⁻ B. APHA 23 rd edition
Total Hardness	374	mg/L as CaCO ₃	500	2340 C. APHA 23 rd edition
Calcium	49.69	mg/L	200	3500-Ca D. APHA 23 rd edition
Magnesium	<1	mg/L	50	3500. APHA 23 rd edition
Sodium	2.34	mg/L	100	3500-Na B. APHA 23 rd edition
Potassium	1.02	mg/L	100	3500-K B. APHA 23 rd edition

The report shall not be reproduced except in full, without approval of the laboratory.

ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality



SWAT/F/C/04
Version no: 01
Issue no: 02
Revision no: 03
Effective date: 2021/08/01



Soil Water and Air Testing Laboratories Pvt. Ltd.
VAT No: 605928743
Tel: +977-01 4249480
Email: swatlab2017@gmail.com
PO Box: 25752, Kathmandu, Nepal
Sisir Marga 11, Babarmahal, Kathmandu, Nepal

Sulphate	10.89	mg/L	250	4500-SO ₄ ²⁻ . E. APHA 23 rd edition
Iron	0.38	mg/L	0.3 (3)	3500-Fe B. APHA 23 rd edition
Mercury**	<0.001	mg/L	0.001	3111B. APHA 23 rd edition
Parameters	Results	Unit	NDWQS	Method
Mercury**	<0.001	mg/L	0.001	3111B. APHA 23 rd edition
Cadmium**	<0.01	mg/L	0.003	3111B. APHA 23 rd edition
T. Chromium**	<0.01	mg/L	0.05	3111B. APHA 23 rd edition
Lead**	<0.01	mg/L	0.01	3111B. APHA 23 rd edition
Zinc**	<0.01	mg/L	3	3111B. APHA 23 rd edition
Selenium	<0.005	mg/L	0.01	3114 CAPHA, 23 rd edition
Copper**	<0.01	mg/L	1	3111B. APHA 23 rd edition
Oil & Grease	0.10	mg/L	0.2	5520. APHA 23 rd edition
Microbiology				
Total Coliform *		CFU/100	0	9222 BAPHA 23 rd edition

NDWQS=National Drinking Water Quality Standard (2062)

Note: The integrity of the sample and results are dependent on the quality of sampling. The results refer only to the parameters tested of the samples provided/collected for analysis.

*These parameters are not within the scope of Nepal Standard

**These parameters are outsourced to another Laboratory.

***These values show lower and upper limits

Remarks: Except for Iron, all observed values of other tested parameters are found to be within the limit of NDWQS 2062.

Analyzed and Checked By

Authorized By



Lokesh Sapkota

The report shall not be reproduced except in full, without approval of the laboratory.

Annex 6: List of Zebra Crossings and Delineator

List of Proposed Zebra Crossings Locations

S.N.	Chainage, km	Remarks
1	1+020	
2	1+260	
3	3+100	
4	3+320	
5	4+660	
6	4+990	
7	5+100	
8	6+260	

List of Proposed Delineator

S.N.	Chainage, km	Remarks
1	1+280 to 1+340	
2	1+380 to 1+580	
3	1+680 to 1+700	
4	1+740 to 1+800	
5	1+900 to 1+910	
6	3+520 to 3+590	
7	4+380 to 4+400	
8	4+880 to 5+050	
9	5+200 to 5+440	
10	6+940 to 7+180	

Annex 7: Code of Conduct (CoC) on GBV

नेपाल शहरी शासकीय तथा पुर्वाधार आयोजना

कार्य स्थलमा हुने यौनजन्य तथा महिला हिंसा सम्बन्धी आचार सहिता

व्याक्तिगत आचार सहिता

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

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

ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

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

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

.....
व्यवस्थापक/टोली प्रमुख

.....
कर्मचारी/कामदार

Annex 8: Photographs

ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality



Public Consultation with community along the proposed road Photos



ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality



Steel pipe used for drinking water supply that needs relocation during road construction



The existing water storage tank needs demolished

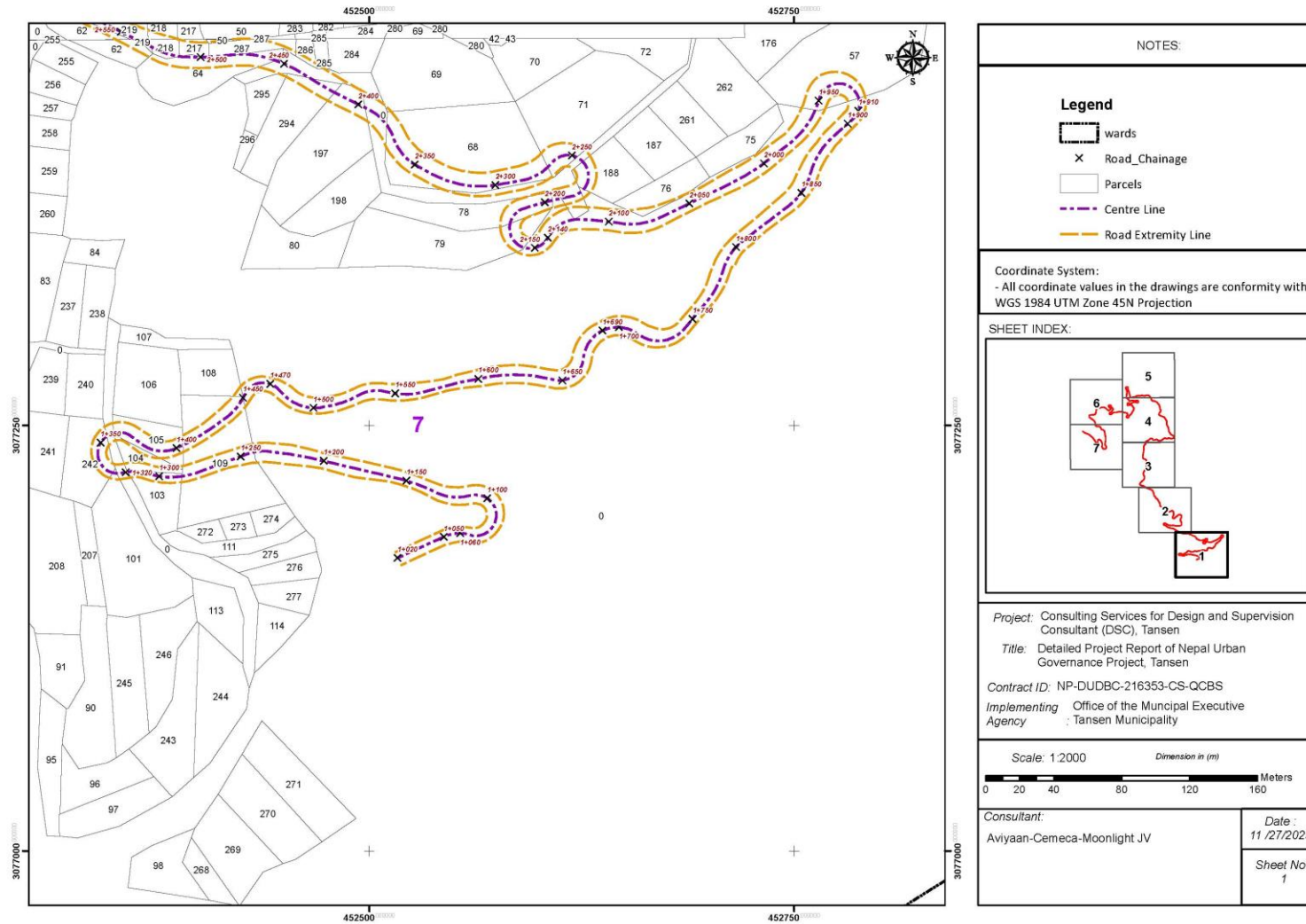
ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality



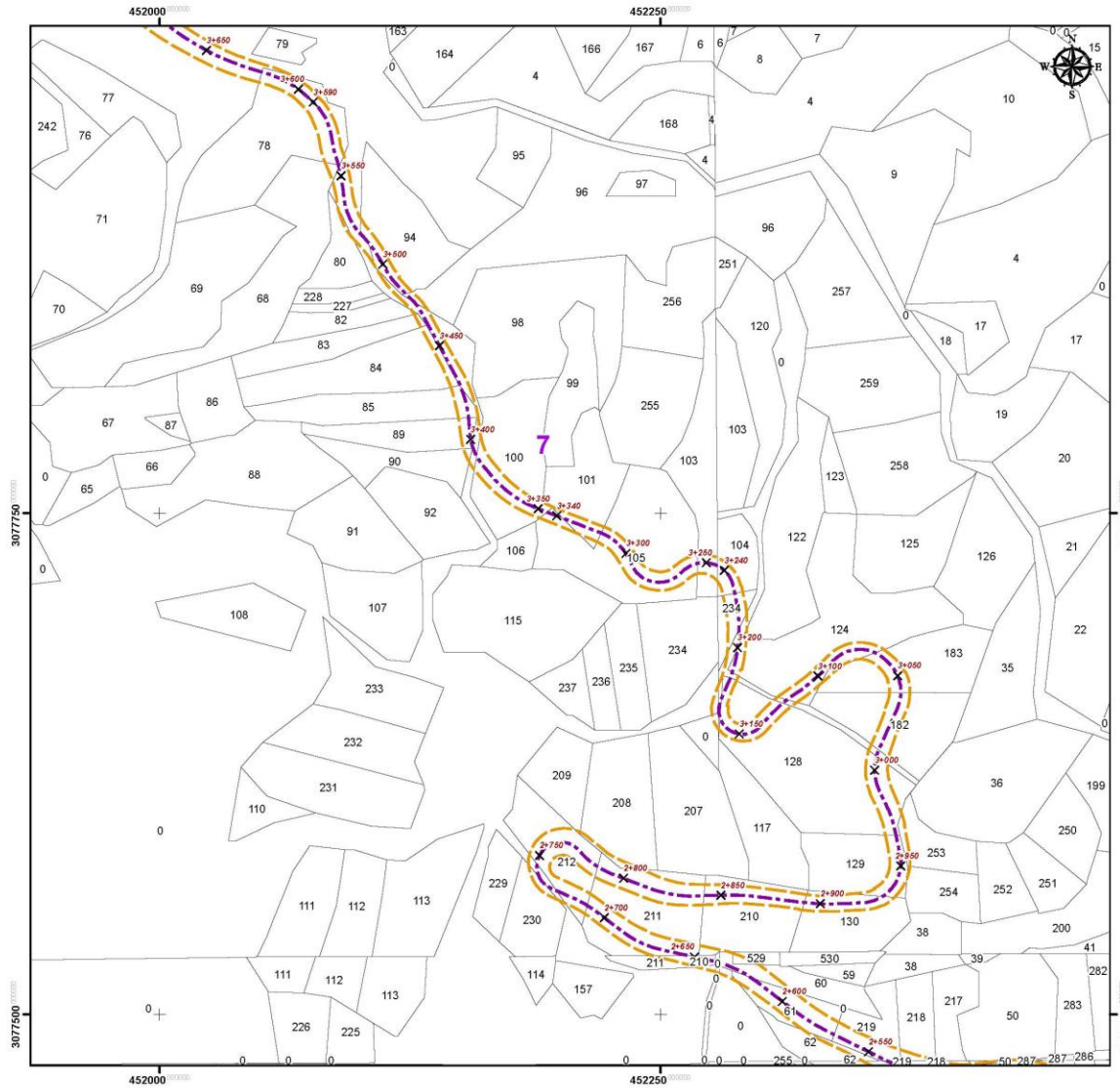
Electric poles fall within formation width and need relocation before construction work

ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

Annex 9: Cadastral Map



ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality



NOTES:

Legend

- wards
- X Road_Chainage
- Parcels
- Centre Line
- Road Extremity Line

Coordinate System:
- All coordinate values in the drawings are conformity with WGS 1984 UTM Zone 45N Projection

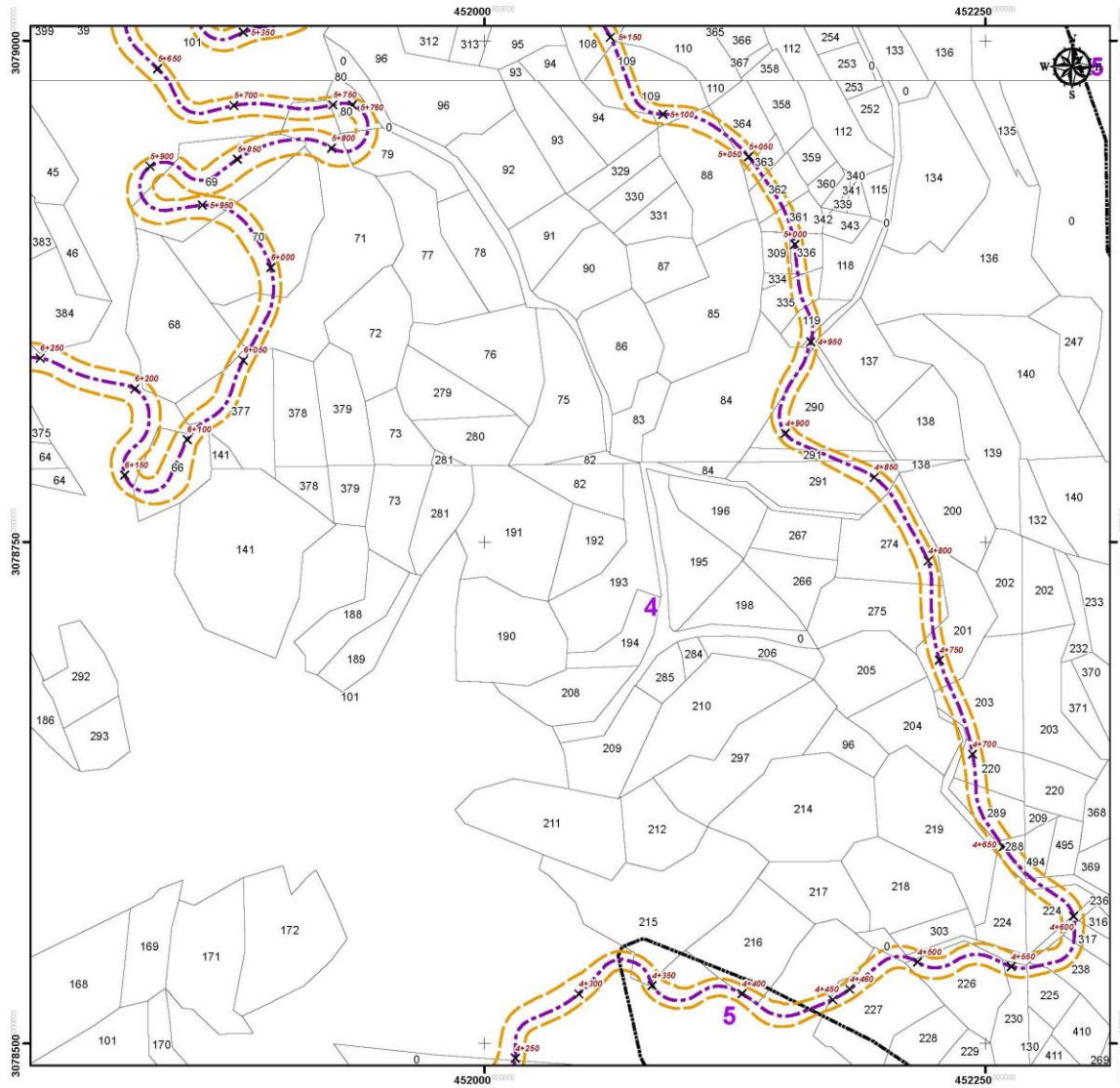
SHEET INDEX:

Project: Consulting Services for Design and Supervision Consultant (DSC), Tansen
 Title: Detailed Project Report of Nepal Urban Governance Project, Tansen
 Contract ID: NP-DUDBC-216353-CS-QCBS
 Implementing Agency: Office of the Municipal Executive Agency : Tansen Municipality

Scale: 1:2000 Dimension in (m)

Consultant: Aviyaan-Cemeca-Moonlight JV	Date: 11 /27/2023
	Sheet No.: 2

ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality



NOTES:

Legend

- wards
- x Road_Chainage
- Parcels
- Centre Line
- Road Extremity Line

Coordinate System:
- All coordinate values in the drawings are conformity with WGS 1984 UTM Zone 45N Projection

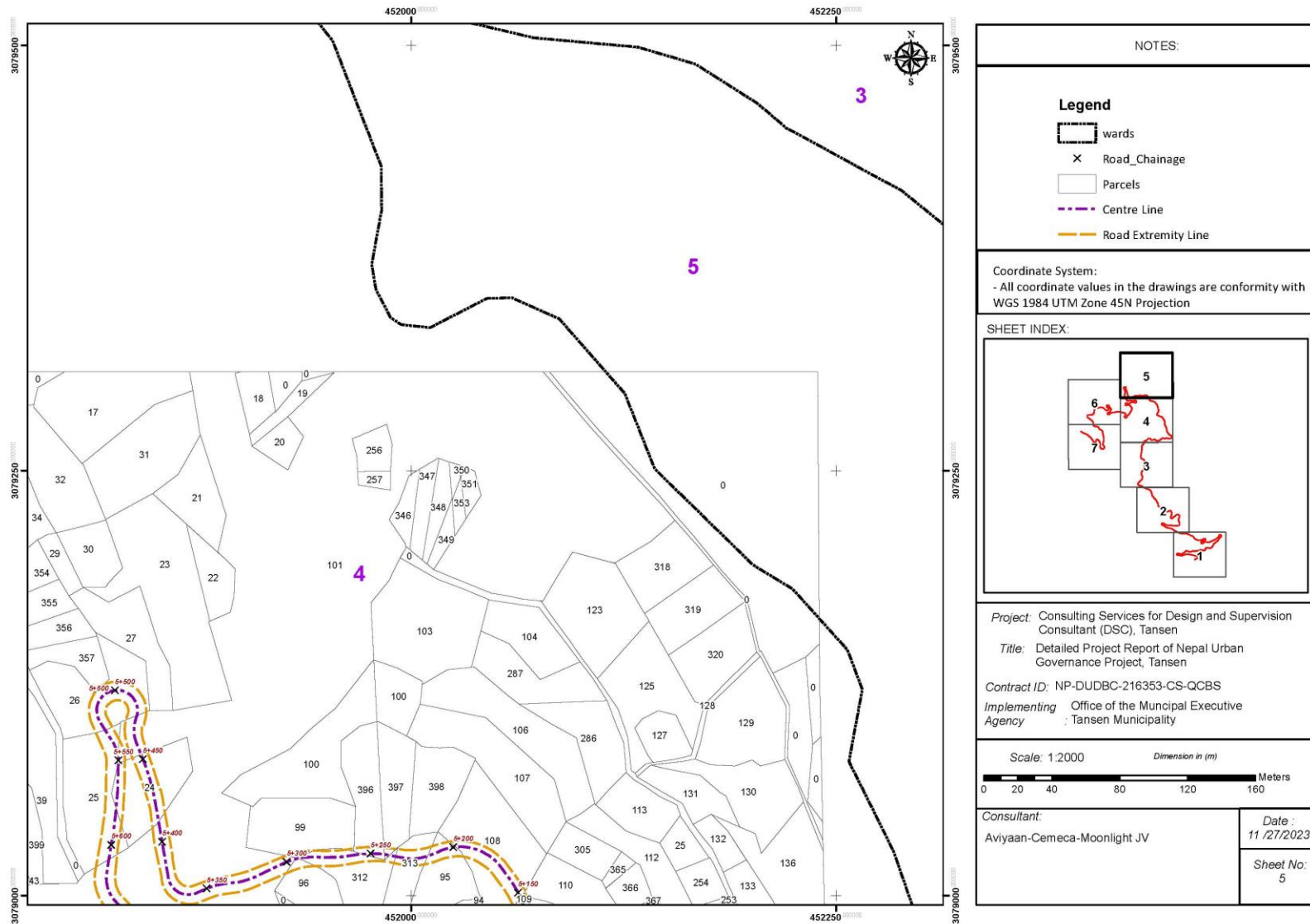
SHEET INDEX:

Project: Consulting Services for Design and Supervision Consultant (DSC), Tansen
Title: Detailed Project Report of Nepal Urban Governance Project, Tansen
Contract ID: NP-DUDBC-216353-CS-QCBS
Implementing Agency: Office of the Municipal Executive ; Tansen Municipality

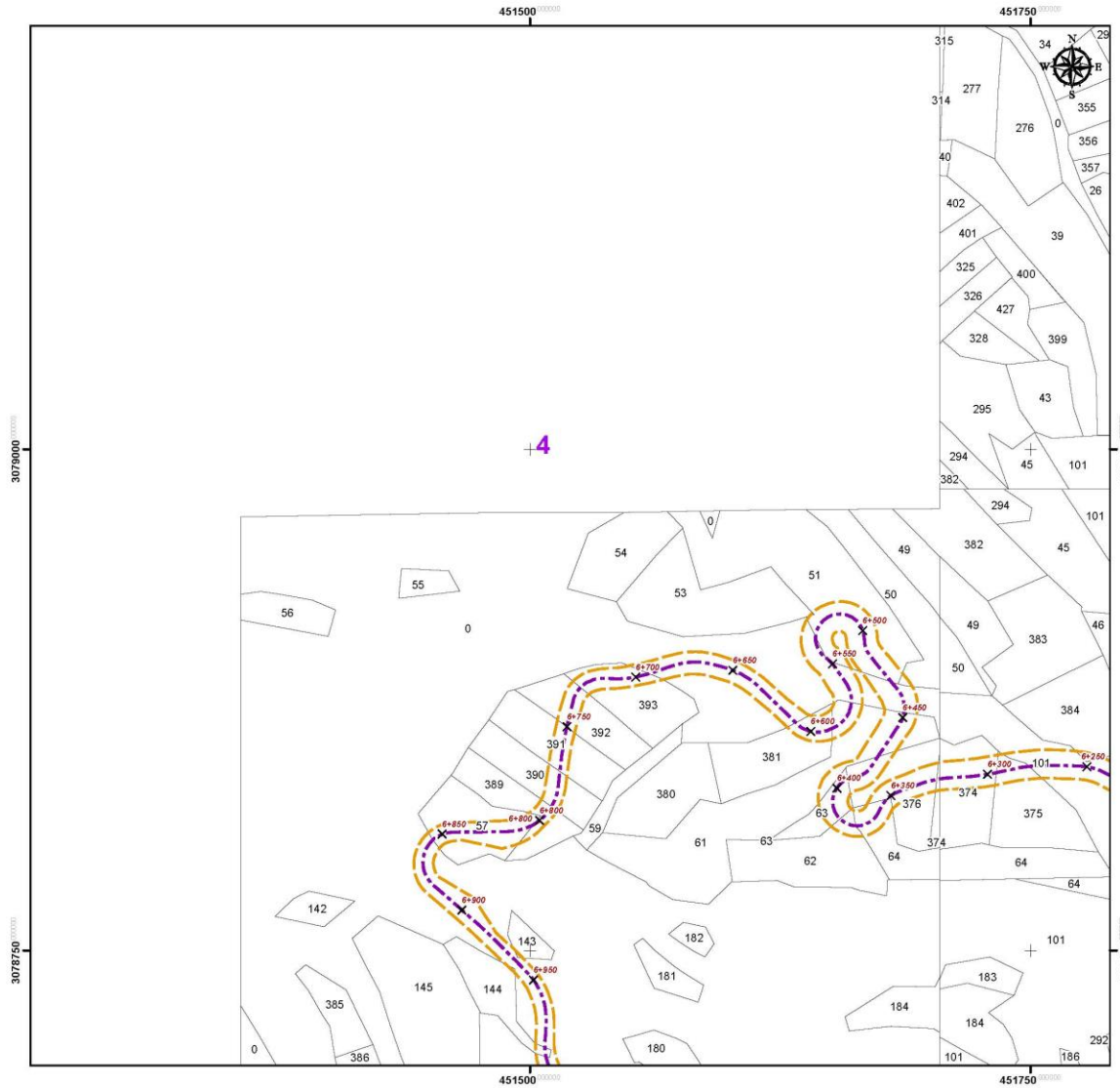
Scale: 1:2000 Dimension in (m)

Consultant: Aviyaan-Cemeca-Moonlight JV	Date: 11 /27/2023
	Sheet No: 4

ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality



ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality



NOTES:

Legend

- wards
- X Road_Chainage
- Parcels
- Centre Line
- Road Extremity Line

Coordinate System:
- All coordinate values in the drawings are conformity with WGS 1984 UTM Zone 45N Projection

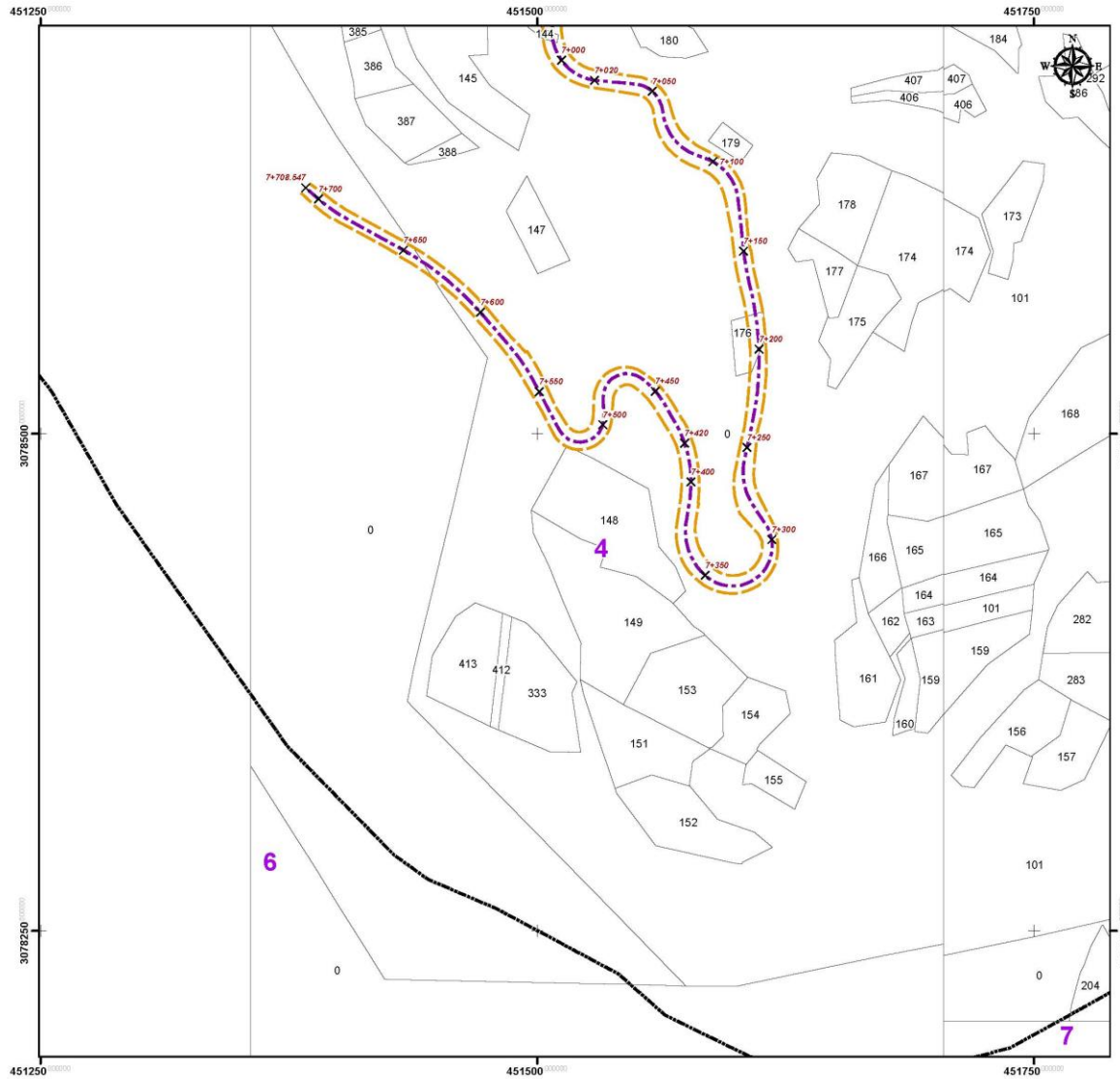
SHEET INDEX:

Project: Consulting Services for Design and Supervision Consultant (DSC), Tansen
Title: Detailed Project Report of Nepal Urban Governance Project, Tansen
Contract ID: NP-DUDBC-216353-CS-QCBS
Implementing Agency: Office of the Municipal Executive Agency : Tansen Municipality

Scale: 1:2000 Dimension in (m)

<i>Consultant:</i> Aviyaan-Cemeca-Moonlight JV	<i>Date:</i> 11 /27/2023
	<i>Sheet No:</i> 6

ESMP for Upgrading of Dumare Khola-Sundada-Telagha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality



NOTES:

Legend

- wards
- X Road_Chainage
- Parcels
- Centre Line
- Road Extremity Line

Coordinate System:
- All coordinate values in the drawings are conformity with WGS 1984 UTM Zone 45N Projection

SHEET INDEX:

Project: Consulting Services for Design and Supervision Consultant (DSC), Tansen
Title: Detailed Project Report of Nepal Urban Governance Project, Tansen
Contract ID: NP-DUDBC-216353-CS-QCBS
Implementing Agency: Office of the Municipal Executive Agency : Tansen Municipality

Scale: 1:2000 Dimension in (m)

Consultant: Aviyaan-Cemeca-Moonlight JV	Date : 11 /27/2023
	Sheet No: 7

ESMP for Upgrading of Dumare Khola-Sundada-Telgha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

Land parcels

District	VDC	Parcel_No	Ward	Sheet_No	Area_SQM
Palpa	Telgha	109	4	990723	176.18
Palpa	Telgha	110	4	990723	4.42
Palpa	Telgha	95	4	990723	159.62
Palpa	Telgha	99	4	990723	33.66
Palpa	Telgha	24	4	990723	533.11
Palpa	Telgha	396	4	990723	89.55
Palpa	Telgha	397	4	990723	26.17
Palpa	Telgha	101	4	990723	1915.89
Palpa	Telgha	357	4	990723	3.32
Palpa	Telgha	26	4	990723	538.54
Palpa	Telgha	25	4	990723	624.78
Palpa	Telgha	96	4	990723	56.77
Palpa	Telgha	313	4	990723	172.77
Palpa	Telgha	312	4	990723	341.06
Palpa	Telgha	108	4	990723	489.88
Palpa	Telgha	8	7	990723	15.00
Palpa	Telgha	9	7	990723	807.37
Palpa	Telgha	0	4	990723	893.25
Palpa	Telgha	225	4	990723	51.50
Palpa	Telgha	227	4	990723	375.49
Palpa	Telgha	226	4	990723	436.95
Palpa	Telgha	224	4	990723	13.17
Palpa	Telgha	238	4	990723	232.07
Palpa	Telgha	303	4	990723	21.84
Palpa	Telgha	316	4	990723	4.30
Palpa	Telgha	224	4	990723	217.05
Palpa	Telgha	289	4	990723	266.33
Palpa	Telgha	220	4	990723	210.19
Palpa	Telgha	203	4	990723	236.16
Palpa	Telgha	377	4	990723	510.31
Palpa	Telgha	290	4	990723	383.28
Palpa	Telgha	375	4	990723	203.16
Palpa	Telgha	374	4	990723	408.93
Palpa	Telgha	84	4	990723	163.24
Palpa	Telgha	137	4	990723	2.63
Palpa	Telgha	334	4	990723	9.98
Palpa	Telgha	384	4	990723	33.53
Palpa	Telgha	336	4	990723	137.04
Palpa	Telgha	361	4	990723	108.12
Palpa	Telgha	362	4	990723	139.39
Palpa	Telgha	363	4	990723	70.03
Palpa	Telgha	88	4	990723	240.90
Palpa	Telgha	101	4	990723	5648.11
Palpa	Telgha	71	4	990723	787.15
Palpa	Telgha	0	4	990723	0.92

ESMP for Upgrading of Dumare Khola-Sundada-Telgha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

District	VDC	Parcel_No	Ward	Sheet_No	Area_SQM
Palpa	Telgha	94	4	990723	37.42
Palpa	Telgha	109	4	990723	321.86
Palpa	Telgha	364	4	990723	141.52
Palpa	Telgha	274	4	990723	478.53
Palpa	Telgha	216	4	990723	78.11
Palpa	Telgha	215	4	990723	119.90
Palpa	Telgha	70	4	990723	599.99
Palpa	Telgha	69	4	990723	1410.62
Palpa	Telgha	80	4	990723	243.60
Palpa	Telgha	68	4	990723	54.26
Palpa	Telgha	66	4	990723	654.04
Palpa	Telgha	0	4	990723	457.60
Palpa	Telgha	494	4	990723	51.02
Palpa	Telgha	495	4	990723	0.36
Palpa	Telgha	288	4	990723	98.05
Palpa	Telgha	291	4	990723	287.04
Palpa	Telgha	79	4	990723	185.63
Palpa	Telgha	275	4	990723	214.84
Palpa	Telgha	201	4	990723	236.47
Palpa	Telgha	204	4	990723	10.58
Palpa	Telgha	309	4	990723	35.25
Palpa	Telgha	119	4	990723	145.23
Palpa	Telgha	335	4	990723	142.76
Palpa	Telgha	317	4	990723	80.16
Palpa	Telgha	230	4	990723	78.61
Palpa	Telgha	291	4	990723	108.02
Palpa	Telgha	0	4	990723	47.45
Palpa	Telgha	148	4	990723	0.98
Palpa	Telgha	176	4	990723	165.79
Palpa	Telgha	0	4	990723	503.17
Palpa	Telgha	144	4	990723	37.62
Palpa	Telgha	143	4	990723	5.94
Palpa	Telgha	61	4	990723	694.26
Palpa	Telgha	62	4	990723	106.04
Palpa	Telgha	64	4	990723	227.62
Palpa	Telgha	57	4	990723	551.94
Palpa	Telgha	63	4	990723	257.23
Palpa	Telgha	374	4	990723	18.73
Palpa	Telgha	389	4	990723	130.31
Palpa	Telgha	376	4	990723	627.37
Palpa	Telgha	390	4	990723	178.61
Palpa	Telgha	391	4	990723	213.60
Palpa	Telgha	392	4	990723	209.42
Palpa	Telgha	393	4	990723	350.10
Palpa	Telgha	53	4	990723	1.26
Palpa	Telgha	0	4	990723	8380.93

ESMP for Upgrading of Dumare Khola-Sundada-Telgha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

District	VDC	Parcel_No	Ward	Sheet_No	Area_SQM
Palpa	Telgha	51	4	990723	968.45
Palpa	Telgha	381	4	990723	231.06
Palpa	Telgha	50	4	990723	22.91
Palpa	Telgha	103	7	990723	152.30
Palpa	Telgha	101	7	990723	18.68
Palpa	Telgha	104	7	990723	186.17
Palpa	Telgha	242	7	990723	233.04
Palpa	Telgha	105	7	990723	410.75
Palpa	Telgha	109	7	990723	825.72
Palpa	Telgha	108	7	990723	17.20
Palpa	Telgha	0	7	990723	101.72
Palpa	Telgha	79	7	990723	199.81
Palpa	Telgha	76	7	990723	69.56
Palpa	Telgha	188	7	990723	184.37
Palpa	Telgha	64	7	990723	482.17
Palpa	Telgha	69	7	990723	4.93
Palpa	Telgha	0	7	990723	8894.16
Palpa	Telgha	0	7	990723	992.90
Palpa	Telgha	78	7	990723	327.88
Palpa	Telgha	197	7	990723	267.37
Palpa	Telgha	294	7	990723	207.35
Palpa	Telgha	295	7	990723	4.04
Palpa	Telgha	68	7	990723	1378.56
Palpa	Telgha	71	7	990723	274.85
Palpa	Telgha	57	7	990723	497.49
Palpa	Telgha	285	7	990723	5.41
Palpa	Telgha	286	7	990723	35.04
Palpa	Telgha	287	7	990723	323.45
Palpa	Telgha	219	7	990723	30.84
Palpa	Telgha	50	7	990723	17.26
Palpa	Telgha	218	7	990723	169.12
Palpa	Telgha	217	7	990723	147.60
Palpa	Telgha	62	7	990723	82.34
Palpa	Telgha	62	7	990723	75.81
Palpa	Telgha	219	7	990723	295.50
Palpa	Telgha	60	7	990723	197.87
Palpa	Telgha	218	7	990723	49.49
Palpa	Telgha	61	7	990723	558.23
Palpa	Telgha	0	7	990723	26.16
Palpa	Telgha	217	7	990723	0.02
Palpa	Telgha	211	7	990723	58.25
Palpa	Telgha	210	7	990723	53.13
Palpa	Telgha	50	7	990723	2.10
Palpa	Telgha	529	7	990723	38.78
Palpa	Telgha	130	7	990723	308.97
Palpa	Telgha	210	7	990723	467.08

ESMP for Upgrading of Dumare Khola-Sundada-Telgha-Gufa Chaur-Gaun Dada-Sallaghari-Hulungdi Road of Tansen Municipality

District	VDC	Parcel_No	Ward	Sheet_No	Area_SQM
Palpa	Telgha	254	7	990723	3.85
Palpa	Telgha	230	7	990723	57.38
Palpa	Telgha	211	7	990723	1190.34
Palpa	Telgha	129	7	990723	303.98
Palpa	Telgha	253	7	990723	63.89
Palpa	Telgha	212	7	990723	686.30
Palpa	Telgha	208	7	990723	66.03
Palpa	Telgha	128	7	990723	809.69
Palpa	Telgha	209	7	990723	1.28
Palpa	Telgha	0	7	990723	196.07
Palpa	Telgha	0	7	990723	15.18
Palpa	Telgha	182	7	990723	302.88
Palpa	Telgha	183	7	990723	249.38
Palpa	Telgha	234	7	990723	192.28
Palpa	Telgha	104	7	990723	147.91
Palpa	Telgha	124	7	990723	475.34
Palpa	Telgha	90	7	990723	15.44
Palpa	Telgha	89	7	990723	105.17
Palpa	Telgha	101	7	990723	153.79
Palpa	Telgha	122	7	990723	5.59
Palpa	Telgha	85	7	990723	127.43
Palpa	Telgha	100	7	990723	410.00
Palpa	Telgha	84	7	990723	107.95
Palpa	Telgha	83	7	990723	16.17
Palpa	Telgha	103	7	990723	97.67
Palpa	Telgha	82	7	990723	2.33
Palpa	Telgha	80	7	990723	14.09
Palpa	Telgha	68	7	990723	30.75
Palpa	Telgha	94	7	990723	223.80
Palpa	Telgha	96	7	990723	32.58
Palpa	Telgha	78	7	990723	563.23
Palpa	Telgha	14	7	990723	703.22
Palpa	Telgha	16	7	990723	4.73
Palpa	Telgha	15	7	990723	882.67
Palpa	Telgha	0	7	990723	34.15
Palpa	Telgha	7	7	990723	323.99
Palpa	Telgha	105	7	990723	616.67
Palpa	Telgha	0	7	990723	17.68
Palpa	Telgha	0	7	990723	2356.69
Palpa	Telgha	0	7	990723	49.91
Palpa	Telgha	7	7	990723	152.00
Palpa	Telgha	9	7	990723	2.40
				Total in Sqm	38500.00
				Total in Ha.	3.850