ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

SRINAGAR-SIMIKOT DISTRIBUTION LINE SUBPROJECT

SUBSTATION (33/11 KV) AND DISTRIBUTION LINE (33 KV)

MUGU AND HUMLA DISTRICT, KARNALI PROVINCE

NEPAL ELECTRICITY AUTHORITY

DISTRIBUTION AND CONSUMER SERVICE DIRECTORATE

DISTRIBUTION SYSTEM UPGRADE AND EXPANSION PROJECT (DSUEP)

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ABBREVIATIONS

ACSR Aluminum Conductor Steel Reinforced

AIIB Asian Infrastructure and Investment Bank

BES Brief Environment Study

COVID-19 Corona Virus Disease

CDP Community Development Program

CPA Core Project Area

DCSD Distribution and Consumer Services Directorate

DHM Department of Hydrology and Meteorology

DL Distribution Line

DSUEP Distribution System Upgrade and Expansion Project

EHS Environment, Health and Safety

EIA Environmental Impact Assessment

EPA Environment Protection Act

EPR Environment Protection Regulation

EMF Electromagnetic Field

ESP Environmental and Social Policy

ESMF Environmental and Social Management Framework

ESMP Environmental and Social Management Plan

ESP Environmental and Social Policy

ESSs Environmental and Social Standards

GHG Green House Gas

GIS Geographic Information System

GoN Government of Nepal

GRM Grievance Redress Mechanism

IEE Initial Environmental Examination

IP Indigenous People

IUCN International Union for Conservation of Nature

IUSGS International Union of Geological Sciences

LPG Liquid Petroleum Gas

MDB Multilateral Development Bank

MoEWRI Ministry of Energy, Water Resources and Irrigation

MHT Main Himalayan Thrust

NEA Nepal Electricity Authority

PPE Personal protective equipment

RM Rural Municipality

RoW Right of Way

SPA Surrounding Project Area

SPM Suspended Particulate Matter

SWM Solid Waste Management

US EPA United States, Environment Protection Agency

USGS United States Geological Survey

VC Vulnerable Community

Unit

% Percent/ Percentage

CO₂ Carbon dioxide

dB Decibel

g Gram

ha Hectare

HHs Households

Kg Kilogram

Km Kilometer

kV Kilovolt

kWh Kilo Watt Hour

ltr Liter

LV Low Voltage

m Meter

masl Meter Above Sea Level

mm Millimeter

MVA Mega Volt Ampere

MW Megawatt

NRs. Nepalese Rupees

°C Degree Centigrade

sq.m. Square Meter

EXECUTIVE SUMMARY

Description of Project: Nepal Electricity Authority (NEA) under Ministry of Energy, Water Resources and Irrigation is responsible for the implementation of the Distribution System Upgrade and Expansion Project (DSUEP). DSUEP will enhance the distribution system to improve reliability and quality of electric supply in Karnali Province, Lumbini Province and Sudurpashchim Province. The proposed **Srinagar-Simikot Distribution Line Subproject** is located within Chhyanath Rara Municipality, Ward No. 1, 2, 3, and 4, Soru Rural Municipality (RM) Ward No. 1, 2, 4, 6, 7 and 8 of Mugu District and Adanchuli RM, Ward No. 2 and 3, Sarkegad RM, Ward No. 1, 2, 3, 4, 5 and 6, Chankheli RM, Ward No. 6, Kharpunath RM, Ward No. 1, 2, 3, 4 and 5, and Simikot RM, Ward No. 3, 4, 5 and 6 of Humla District in Karnali Province. The Subproject requires about 0.84 ha land for building the Simikot substation, whereas 0.50 ha land for Tumcha substation. Land is owned by NEA for Simikot substation but the land required for Tumcha substation is government land. The 33 kV distribution line of 98.25 km passes along the Right of Way (RoW) of the road and private land with installation of poles at the edge of the farm land. The proposed subproject is financed with a loan by Asian Infrastructure Investment Bank (AIIB).

Description of Environment

Physical Environment: The Subproject (substation and distribution line) area lies in the higher Himalaya sequence of Mid Land Group (Chainage 0+000 to 17+760, 48+900 to 54+000 and 58+250 to 80+000), Nawakot Group (Ch. 17+760 to 48+900) and Himal Group (Ch. 54+000 to 58+250, 80+000 to 98+250). The proposed Simikot substation lies in the Latitude 29°58'18.14"N, Longitude 81°49'20.05"E, and elevation of 2,979 masl, whereas Tumcha substation lies in the Latitude 29°40'44.19"N, Longitude 81°55'51.93"E, and elevation of 1,354 masl. The climate of the Subproject area is sub-tropical. The temperature at the project area varied from -11.0°C to 10.0°C with total annual rainfall being 34.5 mm. The air quality and noise level of the SPA was found within the range of the National Ambient Air Quality Standard and Noise Quality Standard, respectively. No water sources were recorded within the distribution line (33 kV) and nearby the substation area.

Biological Environment: The proposed Subproject (substation and distribution line alignment) does not lie in any protected area, although it intercepts a forest area and has the issues of tree loss. The surrounding environment of the Subproject area contains sparse vegetation with species common to the area. Wild animal recorded during the public consultation are Golden Jackel (Canis aureus), Himalayan Goral (Naemorhedus goral), Common Leopard (Panthera pardus), Rhesus Monkey (Macaca mulatta), Nepal Gray Langur (Semnopithecus schistaceus), Wild Boar (Sus scrofa), Asiatic Black Bear (Ursus thibetanus), and Himalayan Muskdeer (Moschus leucogaster). Altogether six species of birds were noted around the surrounding project area Chukar (Alectoris chukar), Cheer Pheasant (Catreus wallichii), Western Spotted Dove (Spilopelia suratensis), Golden Eagle (Aquila chrysaetos), Common Cuckoo (Cuculus canorus) and Snow Pigeon (Columba leuconota).

The proposed Srinagar-Simikot 33 kV distribution line passes through national forest and few community forests. A total of 7 ha of the forest area will be occupied by RoW of proposed 33 kV distribution line. The estimated number of trees to be cleared from the Core

Project Area of the distribution line alignment passes along different community forests are 421.

Socio-Economic Environment: The major ethnic compositions within the surrounding project area i.e., Ward No. 1, 2, 3, and 4 of Chhyanath Rara Municipality, Ward No. 1, 2, 4, 6, 7 and 8 of Soru RM of Mugu District and Ward No. 2 and 3 of Adanchuli RM, Ward No. 1, 2, 3, 4, 5 and 6 of Sarkegad RM, Ward No. 6 Chankheli RM, Ward No. 1, 2, 3, 4 and 5 of Kharpunath RM, and Ward No. 3, 4, 5 and 6 of Simikot RM of Humla District is Chhetri (48.5%), Thakuri (19.7%), Dalit (18.9%), Tamang (5.0%), Byasi/Sank (4.0%), and Brahman (3.7%) of the total population of 30,138. The implementation of the Subproject will increase the electricity beneficiaries to 10,721 HHs, 27 commercial purposes and 10 industries. Simikot and Gamgadhi are the nearest business market nearby the Subproject area. The transportation facilities in this local level seem to be moderate. Tap/piped water is the main source of drinking water in the surrounding Subproject area. People of the Subproject have access to communication facilities mainly through mobile telephone services. The nearest and easily accessible health facility to the proposed Subproject is Humla District Hospital at a distance of 600 m from the Simikot substation site. Agriculture is the main occupation of people in the Subproject area with nearly 48.5% contribution; small trade and business/enterprises and services are other occupation of people in the Subproject area.

Potential Impacts and Mitigation Measures: Civil works will be involved with temporary impacts on air, noise and water quality and occupational and community health and safety; particularly related to working with electricity and in the context of the COVID-19 pandemic. Long-term impacts, although insubstantial, during operation and maintenance include occupational and community health and safety risks related to the presence of electricity infrastructure. The potential environmental issues and mitigation measures identified in screening and the preparation of the ESMP report will be addressed during the compliance monitoring carried out by the safeguard team. There will be no issues of land requirements for the pole erection and for the distribution line people have suggested to install poles at the edge of farm-lands, without affecting any private structures along the distribution line. Land is owned by NEA for the Simikot substation whereas the Tumcha substation area is government land and there is no necessity of land acquisition. The implementation of the proposed Subproject needs 7 ha of forest area with estimated loss of 421 trees. The total enumeration of the loss trees and mitigation cost will be incorporated in the Brief Environmental Study (BES) report. The compensatory plantation will be done as per Forest Regulation, 2079 (2022) in the ration of 1:10. The ESMP cost estimated for the Subproject is NRs 13,00,000.00 associated with mitigation measures and monitoring activities. NEA Project Implementation Unit has agreed on the estimated cost for the mitigation measures and monitoring activities.

Environmental and Social Management Plan: The ESMP serves as a guide to implement environmental and social mitigation measures and the responsibility of the concerned agencies during the construction and operations of the Subprojects. Monitoring and inspection of the environmental and social activities will be carried out by the Environment and Social Management Unit and the Project Supervision Consultant of PIU. ESMP will be an integral part of the contractor's Bidding document which will be updated by the contactor during the sub-project construction period.

Institutional Arrangements: To ensure full compliance with the ESMP, an institutional arrangement for monitoring and reporting has been proposed. All the resources needed for the implementation of ESMP for the construction and operation phase will be provided by the PIU. Project Supervision Consultant's with Environmental and Social Safeguard Specialist will be responsible for compliance monitoring activities during the construction phase. The Environment and Social Management Unit of NEA will provide regular updates to the site offices regarding the implementation of ESMP. The contractor shall prepare an Environment, Health, and Safety (EHS) plan approved by the PIU before field mobilization. The contractor should mobilize a safety officer at each work site during the construction period.

Public consultation: Public consultations have been conducted in the Subproject area. People in the Subproject area noted that electricity service is poor with frequent interruptions. People have suggested installing poles at the edge of farm-lands, and project components should not affect any houses and structures along the line. The impacts on the crops while stringing lines should be minimized. Prospective electricity consumers and people to be affected are supportive and have recommended quick implementation of the project.

Grievance Redress Mechanism (GRM): A three-tier Grievance Redress Mechanism (GRM) has been established to receive, evaluate, and facilitate the resolution of affected people's concerns, complaints, and grievances about the social and environmental issues at Subproject level. In each Subproject, two levels i.e., Tier-I and Tier-II of the Grievance Redress Mechanism have been established. During the ESMP study period, NEA has disseminated letters to the local level stakeholders regarding the formation of the GRM at the Subproject level.

Conclusion: The environmental impacts envisaged from the implementation of proposed Subproject are site-specific, short-term, temporary and reversible in nature. The Subproject will provide significant benefits to people and the economy by providing a reliable and improved electricity supply. The implementation of the proposed Subproject needs 7 ha of forest area with estimated loss of 421 trees. The total enumeration of the loss trees and mitigation cost will be incorporated in the Brief Environmental Study (BES) report. This ESMP is considered sufficient to mitigate the environmental and social issues identified for the Subproject and will be updated during the Subproject construction stage.

1. INTRODUCTION

1.1 Project Background

The proposed Distribution System Upgrade and Expansion Project (DSUEP) will enhance the distribution system to improve the reliability and quality of electric supply in the Karnali Province. The project aims improvement in voltage level and reduction in power loss which in turn will improve Nepal Electricity Authority's (NEA) financial health, improve electricity supply reliability, and reduce dependence on petroleum-fueled accessories. The government of Nepal (GoN) has envisaged DSUEP to extend the reach of 33 kV and 11 kV distribution lines "to achieve affordable electricity fulfilling the demands at the local levels for all the households by 2022". Asian Infrastructure Investment Bank (AIIB) is financing a loan to upgrade existing and build new distribution systems in Lumbini Province, Karnali Province and Sudurpashchim Province of Nepal. This ESMP is prepared for Srinagar-Simikot distribution line Subproject of DSUEP.

This Subproject has three major components:

Component 1: construction, extension and augmentation of distribution lines and substations, especially 33 kV lines and 33/11 kV substations.

Component 2: construction of 11 kV lines, distribution transformers, and Low Voltage (LV) lines for new power distribution facilities.

Component 3: Capacity Building, Project Implementation Support, and Technical Assistance.

1.2 Scope of Study

This study ensures that the project meets the requirements of Nepal Government's Environmental Regulations, and Environmental and Social Policy (ESP) & Environmental and Social Standards (ESSs) of AIIB. This report provides the measures for environmental and social management, monitoring, and reporting of the project.

1.3 Objective of ESMP

The Environment and Social Management Plan aims to sets out the measures required to maximize the benefits of the project; and to avoid, minimize and mitigate any adverse environmental and social impacts caused by the project. The objectives of this ESMP are to:

- Describe the existing natural and socio-economical resources in and surrounding Subproject area;
- Based on existing environmental conditions, identify and assess potential significant impacts during project preconstruction, construction, and operation & maintenance stages;
- Identify and recommend mitigation measures to minimize any potential impacts caused by Subproject activities;
- Identify the local concerns on environmental and social issues and address them;
- Develop environmental management plan and monitoring plan including cost;

 Recommend institutional arrangement, including capacity building to ensure proper environmental and social safeguards implementation during construction and operation phases.

1.4 Legal Provision for the ESMP

According to the E & S safeguard Screening report, safeguard risks/issues identified for this Subproject fall under Category III (ESMF), which triggers the preparation of ESMP to execute the Subproject. This Subproject has minimal or no adverse environmental and social impact; does not physically displace any family; and does not result in economic displacement of more than 10% of productive assets for any family.

Pertaining to Section 3 (1), the Environment Protection Act (EPA), 2019 describes completing Environmental Studies as per Schedule 1 or 2, or 3 under Environment Protection Regulation (EPR) 2020 (First Amendment in 2021/05/24 on Nepal Gazette), detailed environmental studies Brief Environmental Study (BES), or Initial Environmental Examination (IEE), or Environmental Impact Assessment (EIA) is required. For this Subproject, pertaining to Section 3(1), EPA (2019) describes to complete Environmental Studies as per Schedule 1(Cha) Energy, Water Resources and Irrigation Sector (1) under EPR (2020) state "use of forest area for the electricity distribution line project up to 66 kV". The proposed Subproject will intercept the national forest and few Community Forest (CF) land area for the proposed 33 kV distribution line extension and substation construction. Thus, as per EPR (2020), a BES is mandatory for the proposed Subproject.

1.5 Methodology for the ESMP

The methodology that was followed while conducting the ESMP study is as follows:

- i. Literature Review: Published literature of government institutions and international organizations were reviewed to collect information on project surroundings. The Municipality/Rural Municipality (RM) and its Ward profiles are used to collect the socio-economic baseline information of the Subproject. National policies, legislative frameworks and Multilateral Development Bank (MDB) policies were reviewed to understand the priorities and any legally binding requirements were studied that should be complied with while implementing the project. The Legislative provisions relevant to the project are listed in **Annex 4**.
- ii. Field Survey and Investigation: Field surveys were conducted to generate information on the physical, biological and socio-economic environment of the project area. The physical environment; air quality data was monitored by Temtop Airing-1000 PM Detector, noise level by UNI-T UT 353 Mini Sound Meter (dB) and water quality by EXTECH ExStik II DO600. Field observation of the core project area and the surrounding vicinity of the project footprint area was applicable for the biological assessment. A circular quadrate of radius 12.5 m was used for the estimation of the number of trees presence within the Right of Way (RoW) of the proposed distribution line. A total of 28 different sample quadrates were used and trees numbers were estimated by extrapolation within RoW. The total enumeration of the trees to be cleared for the implementation of the Subproject will be estimated during the BES

study. The tree clearance approval is made once the Brief Environment Study (BES) is approved from the Ministry of Energy, Water Resources and Irrigation. The consultation was done with local communities at substation sites and the settlement areas that benefit from the project. Pertaining to Forest Act (2076) and Forest Regulation, (2079), BES report will be prepared and as per Forest Act (2076) Section 42 and Forest Regulation (2079) Rule 87 to 90, NEA/PIU must take approval from Government of Nepal, for the use of forest on the implementation phase. As per Rule 93 (5) and (6), the compensatory ratio for the loss of trees should be made in the ratio of 1:10 and require care, maintenance and upkeep of the planted trees before handover to concerned forest office after 5 years.

- iii. Data Analysis: All potential Subproject impacts on physical, biological, socioeconomic and cultural resources were integrated and assessed using best practice of Multilateral Development Banks, and also complied with national requirements. The Geographic Information System and SW Maps were used for the field assessment and analysis of the CPA and SPS data and presentation of the maps in the ESMP report. The project foot print Ward and Municipality/RM are considered for the collection of socio-economic and baseline information.
- iv. Impact Evaluation: The significance of impacts was evaluated on the basis of reversibility, nature, magnitude, extent and duration of the impact. Identification of magnitude, extent and duration is as provided in the National EIA Guidelines, 1993 of Nepal. While evaluating the impacts and prescribing mitigation, maximum efforts were made to get expert opinion and input from the DSUEP's technical and safeguard consultant team.
- v. Public Consultation: As per the Government of Nepal EPA and the AIIB Environmental and Social Policy (ESP), pre-notifications with the subject of consultation, venue, and time were given at Subproject foot-print area, local level and affected Ward office in presence of the concerned local stakeholders. Consultations were conducted in the Subproject area, at substations and the distribution line system settlement areas with local stakeholders.
- vi. Report Format: The ESMP report is prepared as per the Environmental and Social Policy (ESP) of the AIIB, which contains an executive summary, a main report, and annexes as appropriate, including one on the nature and findings of consultations undertaken. All the comments and suggestions from the field consultation are mentioned in the ESMP report.

1.6 Classification of Impact Area

The National EIA Guidelines (GoN, 2050) have mentioned on the "Core Project Area", and "Surrounding Project Area" based on the proximity and magnitude of the impacts due to the construction and operation of the proposed project.

Core Project Area (CPA) refers to the temporary and permanent area for the proposed project construction and associated activities. It is the area where direct impacts can be seen. For the Srinagar-Simikot Distribution Line Subproject, the proposed substation

area of a 0.84 ha and RoW of 33 kV distribution line with 98.25 km in length is considered as CPA. The Subproject components are located within the Ward No. 1, 2, 3, and 4 of Chhyanath Rara Municipality, Ward No. 1, 2, 4, 6, 7 and 8 of Soru Rural Municipality (RM) of Mugu District and Ward No. 2 and 3 of Adanchuli RM, Ward No. 1, 2, 3, 4, 5 and 6 of Sarkegad RM, Ward No. 6 Chankheli RM, Ward No. 1, 2, 3, 4 and 5 of Kharpunath RM, and Ward No. 3, 4, 5 and 6 of Simikot RM of Humla District. The major settlements in the Subproject area are Balai, Khosha, Chinakula, Tarapani, Shipa, Sorukot, Tumcha, Sarkegad Bazar, Dulli, Ripa, Lipne, Yanchu, Samne, Basti, Bhambada, Natharpa. Jawaldhara, Ghodedhunga, Shreenagar, Piplang, Barai, Gothi, Unapani, Jaira, Lali, Thali, Raya, Chhipra, Kherpal Gaun, and Tallo Gau.

Surrounding Project Area (SPA) is the immediate vicinity of the footprint location of the proposed Subproject site. SPA is the moderate and indirect impact area. For this Subproject the 33 kV distribution line will be located within the Ward No. 1, 2, 3, and 4 of Chhyanath Rara Municipality, Ward No. 1, 2, 4, 6, 7 and 8 of Soru RM and Ward No. 2 and 3 of Adanchuli RM, Ward No. 1, 2, 3, 4, 5 and 6 of Sarkegad RM, Ward No. 6 Chankheli RM, Ward No. 1, 2, 3, 4 and 5 of Kharpunath RM, and Ward No. 3, 4, 5 and 6 of Simikot RM and the adjoining Wards; Ward No. 13, 14 of Chhyanath Rara Municipality, and Ward No. 5 and 9 of Soru RM being considered as SPA. The SPA will have impact on the beneficiary's area of 11 kV lines and Low Tension (LT) lines service. The impact area showing the CPA and SPA area is presented in the google map **Figure 1-1**.

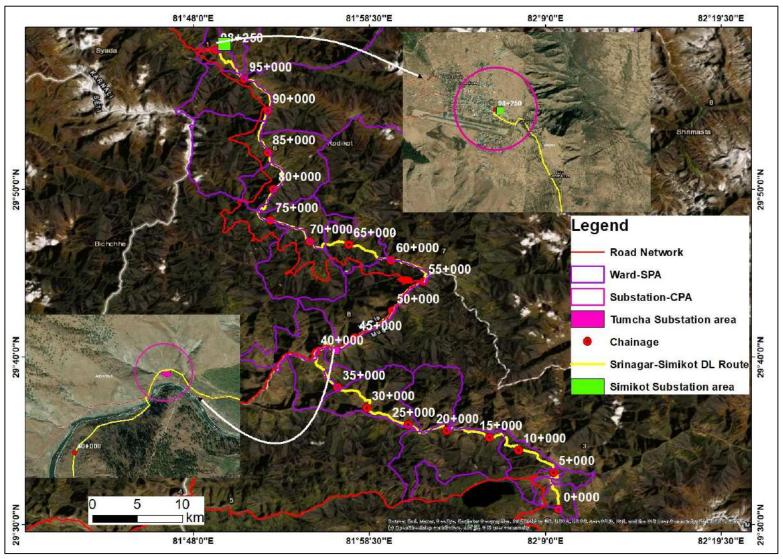


Figure 1-1: Core Project Area (CPA) and the Surrounding Project Area (SPA) of the Srinagar-Simikot Subproject

2. DESCRIPTION OF THE SUBPROJECT

2.1 Subproject Location and Accessibility

The proposed **Srinagar-Simikot Distribution Line Subproject** is located within Ward No. 1, 2, 3, and 4 of Chhyanath Rara Municipality, Ward No. 1, 2, 4, 6, 7 and 8 of Soru RM of Mugu District and Ward No. 2 and 3 of Adanchuli RM, Ward No. 1, 2, 3, 4, 5 and 6 of Sarkegad RM, Ward No. 6 Chankheli RM, Ward No. 1, 2, 3, 4 and 5 of Kharpunath RM, and Ward No. 3, 4, 5 and 6 of Simikot RM of Humla District in Karnali Province. The tapping point of 33 kV line lie in existing 33 kV DL at Srinagar Substation, Chhyanath Rara-4, Mugu. The proposed distribution line (33 kV) is 98.25 km in length and run by the edge of private farm lands, and RoW of the village access road. There is the access to the road within the proposed Subproject Ward area. The Subproject location and the accessibility are presented in the map below **Figure 2-1**. The main features of the Subproject are presented in **Table 2-1**.

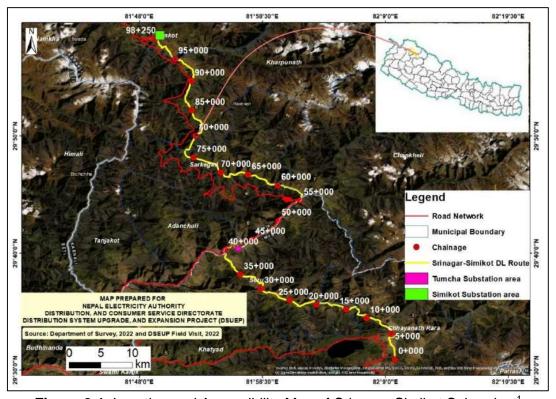


Figure 2-1: Location and Accessibility Map of Srinagar-Simikot Subproject¹

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¹ Source: Department of Survey, 1995 and Field Study 2022

Table 2-1: Technical Description of the proposed Subproject

Proponent	Nepal Electricity Authority				
Project	Environmental and Social Studies of Distribution System Upgrade and Expansion Project (DSUEP)				
Sub Project	Srinagar-Simikot distribution line and substation				
Funding Agency	AIIB				
Project Location	Chhyanath Rara Municipality, and Soru RM of Mugu District and Adanchuli RM, Sarkegad RM, Chankheli RM, Kharpunath RM and Simikot RM, Humla District in Karnali Province				
Distribution Line					
33 kV Line Starting Point	Line Bay Extension at Gamgadh Sano Hydropower Project, Chhyanath Rara-4, Mugu Co-ordinate: Lat 29°30'55.12"N, Long 82°9'47.09"E				
33 kV Line End Point	Simikot Substation (Proposed) at Simikot-6, Humla Co-ordinate: Lat 29°58'18.14"N, Long 81°49'20.05"E Tumcha Substation (Proposed) at Adanchuli-3, Humla Co-ordinate: Lat 29°40'44.19"N, Long 81°55'51.93"E				
Types of Land	Government, Private				
System Voltage	33 kV				
Max, Min System Voltage	36, 30 kV				
Climatic Condition	Wind Speed: As per IS 802-1-1 Maximum Ambient Temperature: 10 °C Altitude (Min, Max): 1326, 2979 amsl				
Length of Line	98.25 km/2456 poles				
Right of Way	6 m				
Number of Circuit	1				
Conductor	ACSR Dog				
Line Capacity/Thermal Limit	13.4 MW (Dog) at 0.9 power factor				
Type of Poles	Steel Tubular Pole, 13m				
Pole Configurations	Single Pole Structures, H-Pole Structures, 4-Pole Structures etc. (With and without Stay Sets)				
Diameter of a Single Pole	0.22m (As per IS 2713-3)				
Planting Depth of Pole	2.2 m				
Insulators	Porcelain Disc and Pin Insulator				
	Substation				
Location	Simikot-6, Humla Co-ordinate: Lat 29°58'18.14"N, Long 81°49'20.05"E Elevation: 2979 amsl Adanchuli-3, Humla Co-ordinate: Lat 29°40'44.19"N, Long 81°55'51.93"E Elevation: 1354 amsl				
Types of Land	Government				
Voltage Level	33/11 kV				
Substation Capacity	Simikot Substation: 3 MVA, Tumcha Substation: 1 MVA				
No./ Capacity of Transformer	2 no., 1 MVA and 3 MVA				
Type of Transformer	3 Phase, ONAN/ONAF, Mineral Oil				
Type of Substation	AIS (33 kV) and Indoor (11 kV)				
No. of 33 kV Line Bays	1				
No. of 33 kV Transformer Bays	1				
Number of 11 kV Feeders	2				
	Simikot Substation: 0.84 ha,				
Substation Area	Tumcha Substation: 0.50 ha				

2.2 Subproject Components

The major components of the Subproject are the 33/11 kV substation and 33 kV distribution line (DL). The 33 kV DL is tapped from an existing 33 kV network line and acts as a source feeding to the proposed 33/11 kV substation. 11 kV distribution feeders emerge from the substation, eventually supplying the electricity to the consumers. The structures of the Subprojects are briefly described below.

2.2.1 33 kV Distribution Line (DL)

The 33 kV DL serves as the pathway for feeding electricity to the proposed substation. Aluminum Conductor Steel Reinforced (ACSR) type conductors are stringed on Steel Tubular Pole from the starting point of the line. In general, the 33 kV lines comprises of the Steel Tubular Poles, Insulators, Conductors and Supporting Stays.

Steel Tubular Poles: Steel tubular poles will be installed in this Subproject. 11 m and 13 m long poles shall be used depending upon the location of the poles and the number of circuits used in the line. The poles to be erected will be supported by stays wherever necessary. Insulators will be installed at cross arms to support the conductor from the poles. The length of the proposed 33 kV distribution line is 98.25 km and the total number of steel tubular poles to be erected is estimated as 2,456.

Insulators: The insulators provide insulation to the poles from the high voltage in the conductors. Pin-type insulators will be employed for suspension poles whereas disc types will be employed for tension poles. Porcelain-type insulators will be used owing to their dielectric strength, better compressive strength, higher resistance to degradation, suitability for extreme climate, and environment friendly characteristics over its counterparts.

Conductor: ACSR Conductor – Aluminum Conductors Steel Reinforced, conductors with stranded layers of aluminum and steel will be used for 33 kV lines. Aluminum strands carry the current whereas the steel in between provides the mechanical strength for the conductor. Typically, 100 sq. mm conductors are used in 33 kV line for this Subproject which is also known as ACSR DOG conductor.

Stay/Guy Sets: Stay Wires are used to support or provide the balancing tension to the poles. These are made up of steel materials and can be used in multiples for a single pole, depending upon the requirements.

2.2.2 Substation

The proposed substations 33/11 kV is of capacity 1 MVA (Tumcha) and 3 MVA (Simikot). The substation plays the role of lowering the 33 kV voltage level to 11 kV, which will then be strung as a distribution feeder to supply the consumers. The major component of the substation is the power transformer, which is supported by the switchgear components and Civil Structures. The facility and components sample pictures are shown in **Annex 3**.

Transformers: Transformer is the major component of the distribution substation. It transforms power from higher voltage to lower voltage for distribution purpose. Power

Transformers are used for the 33/11 kV substations. These transformers are mineral oil based with ONAN/ONAF (Oil Natural Air Natural/Oil Natural Air Forced) cooling mechanisms. In existing practice, the transformers used for 33/11 kV substations in Nepal are typical of 1 MVA, 3 MVA, 8 MVA and 16 MVA depending upon the load supplied by the substation. This Subproject comprises of power transformers of 1 MVA and 3 MVA ONAF type.

Electrical Switchgear: Electrical Equipment comprising of Circuit Breaker, Earth Switch, Current Transformer, Potential Transformers, etc. installed in the substation are called Electric Switchgear. They facilitate the objective of power conversion.

Civil Structures: A control building is essential for the operation of the substation. It houses the operating station, along with battery systems. Guard House and Staff Quarter are other essential buildings for the smooth operation of the substation.

Switchyard, Boundary, Roads, Drainage and Essentials: The outdoor civil structure in the proposed substation includes the boundary wall, main entrance gates and Switchyard. The power transformer and components of the power system are laid in the switchyard based on prudent engineering practice. Steel structures are used to support the components as per component-wise requirements. Roads are paved within the boundary as essential for the transport of power transformers and other components. The substation location also serves as a site store for the storage of distribution system components.

2.2.3 11 kV Lines and LT Lines

11 kV lines and LT lines take the access of electricity to the consumer households. It is why the construction of those lines is always encouraged by the local people. The line route, thus the installation of poles and lines, is envisaged to go through the edge of local roads. If any line route passes through any private lands, permission from the corresponding land owner will be taken before the construction of those lines.

The detailed line route survey for 11 kV and LT lines has not been done yet. A separate screening will be prepared for 11kV lines. The scope of detailed survey is in the scope of the construction Contractor. The construction Contractor will conduct Pre-Construction Survey (PCS) to finalize the line route of 11 kV lines and LT lines for the construction. PCS will prepare the detailed line route of those lines and submit it to PIU for approval. After the detailed line route is submitted by the Contractor and approved by PIU, the E&S team of the Project Supervision Consultant (PSC) will conduct an E&S study and submit the findings that

- Do the lines pose any adverse Environmental or Social issues?
- If there are any Environmental or Social issues, how can they be resolved? If the lines do not pose any adverse Environmental or Social issues, the lines will be cleared by PIU after seeking concurrence from AIIB.
- If the solution measures are not implementable in the field, PCS will suggest any other way to divert or reroute the lines If yes, PCS will propose an alternative line route. The lines will be cleared by PIU after seeking concurrence from AIIB, given that the lines do not pose any adverse Environmental or Social issues.

2.3 Major Construction Activities in the Subproject

Activities in the Subproject area can be sub-divided into three categories viz, Pre-Construction Phase, Construction Phase and Operation Phase. For the proposed Subproject, trees and bushes in the RoW of 33 kV lines have to be cleared whereas, no trees and bushes within the proposed substation boundary have to cleared for the construction work. The proposed Srinagar-Simikot Line Subproject intercepts forest area of 7 ha. The estimated loss of trees species in the RoW of 33 kV lines are 421.

- I. **Preconstruction phase**: The activities to be carried out before the construction phase are:
 - Demarcation of land area for the proposed substation
 - Receive public opinion
 - Make clearance of the substation land area permanently
 - Distribution line route selection
 - Approval to cut down trees from the concerned government authorities
- II. **Construction phase**: The activities to be carried out during the construction phase are:
 - Assign the land area for the temporary storage of construction materials
 - Transportation of construction materials
 - Leveling of land area for the proposed substation
 - Cutting down of trees in RoW of 33 kV lines
 - Construction of substation structures
 - Pole erection work for 33 kV, 11 kV and low-tension distribution lines
 - Stringing of 33 kV, 11 kV and low-tension distribution line
- III. **Operation phase**: The activities to be carried out during the operation phase are:
 - Maintenance of the substation and 33 kV distribution line route

2.4 Energy to be used

During the construction period, diesel fuel will be used to power construction equipment and transport vehicles, which emit air pollutants and greenhouse gases in insignificant quantities. Use of firewood is restricted in the labor camp, whereas the Contractor shall supply LPG for cooking foods to the workers.

2.5 Land Required

The Srinagar-Simikot Subproject will require about 0.84 ha land for building the proposed Simikot substation whereas 0.50 ha for proposed Tumcha substation. The land is owned by NEA for Simikot substation whereas the Tumcha substation is government land. The 33 kV distribution line of 98.25 km passes along the edge of private farm lands, and RoW of existing road. Poles shall be installed at the edge of farmland, which will not affect the usability and valuation of the lands.

2.6 Material Requirement and Sources

A 33/11 kV substation, 33 kV, 11 kV and low-tension distribution lines will be constructed for this Subproject. Minimal excavation at the pole locations will be done to erect steel tubular

poles of 11 m and 13 m. The depth of burial for 11 m (approximately 256 kg) and 13 m (approximately 343 kg) poles are 1.8 m and 2.17 m respectively. The construction works for the substation will not produce a significant amount of spoils and thus it will not require a spoil-dumping site. Similarly, excavation works carried out for digging pit holes for poles produces insignificant spoils which do not require the management of earthworks.

Civil construction works will involve excavation for the foundation of the substation, steel reinforcement, cement, coarse aggregates, and fine aggregates (sand). Materials will be procured from legally operating local markets. Following estimated volume of construction materials are required for the proposed 33 kV distribution line and the substation.

Table 2-2: Approximate Quantity of Material for 33 kV line

SN	Particular	Unit	Requirement
1	Amount of Steel	Ton/Km	5800
2	M15 concrete for Pole base	Cum/Km	12.5

Source: Design Report, DSUEP

Table 2-3: Approximate Quantity of Material for 33/11 kV Substation

SN	Particular	Unit	Support Structures, Road, Drainage	Control Building	Staff Quarter	Office Building	Guard House
1	M15 Concrete	Cum	100	25	224	120	5
2	M25 Concrete	Cum	300	170	125	75	27
3	Reinforcement bar	Ton	7	27	20	12	4

Source: Design Report, DSUEP

2.7 Major Equipment and Power Requirements

Major types of equipment used during the Project implementation are; One Excavator, One Roller, One Drilling Machine, One Crane, one Grid Supply of 100 kVA Distribution Transformer, and two 50 kVA capacity diesel generators.

2.8 Workforce Requirement

Local people in the surrounding Subproject area will be encouraged for the employment. Based on the skills (skilled, semi-skilled and unskilled labor), local people will be used for the construction in such a way that both males and females will get an equal opportunities during construction. The number of human resources required depends upon the complexity of the project as well as the geographical location of the project. In case of construction of 33 kV lines and 33/11 kV substations, the workforce typically varies from terai to hilly to the mountain region. The expected number of manpower employed is enlisted hereunder.

Table 2-4: Human Resource Required for construction of 33 kV line and substation in a day of Construction

SN	Human Resource/Day	For Distribution Line	For Substation
1	Engineer (No.)	1	2
2	Supervisor (No.)	2	4
3	Foreman (No.)	3	5
4	Skilled (Lineman/Electrician) (No.)	8	10
5	Helper (No.)	5	15
6	Labour (No.)	20	30

Source: Design Report, DSUEP

2.9 Construction and Implementation Schedule

Implementation of the proposed Subproject comprises the construction of a new 33/11 kV substation, 33 kV lines, 11 kV lines, low tension lines, and installation of distribution transformers. It includes the construction and installation of components as mentioned in subsection 2.2. The estimated completion period is 24 Months.

Table 2-5: Construction Schedule of Project Implementation

SN	Activities/ Months	Months (After the completion of Detailed Survey Study)					
314	Activities/ Months		4-6	7-10	11-15	16-20	20-24
1.	Invitation for tender, evaluation, and						
	award						
2.	Implementation of Environmental						
	and Social Safeguards						
3.	Erection of Poles						
4.	Stringing of conductor						
5.	Construction of substation						
6.	Charging and Testing						

Source: Design Report, DSUEP

3. DESCRIPTION OF THE ENVIRONMENT

3.1 Physical Environment

3.1.1 Topography and Land Use

The Subproject area lies in Ward No. 1, 2, 3, and 4 of Chhyanath Rara Municipality, Ward No. 1, 2, 4, 6, 7 and 8 of Soru RM of Mugu District and Ward No. 2 and 3 of Adanchuli RM, Ward No. 1, 2, 3, 4, 5 and 6 of Sarkegad RM, Ward No. 6 Chankheli RM, Ward No. 1, 2, 3, 4 and 5 of Kharpunath RM, and Ward No. 3, 4, 5 and 6 of Simikot RM of Humla District, Karnali Province. The proposed distribution line (33 kV) of 98.25 km passes along edge of private farm lands and RoW of village access road. The tapping point is situated at Latitude 29°30'55.12"N, Longitude 82°9'47.09"E, with an elevation of 2,058 masl (**Figure 3-1**). The proposed project area is situated in Mountain region and at the Midland zone of the Higher Himalayan, which passes through gentle–moderate, and moderate-moderate steep slope. The topography of the area is river banks of Humla Karnali and Mugu Karnali with steep slope and few glacial to rockier in nature.

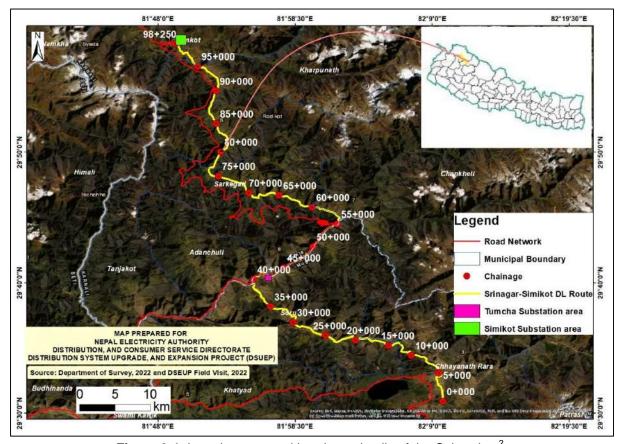


Figure 3-1: Location map and Land use details of the Subproject²

The proposed Srinagar substation lies at Latitude 29°58'18.14"N, Longitude 81°49'20.05"E, and elevation of 2979 masl, whereas Tumcha substation lies at Latitude 29°40'44.19"N, Longitude 81°55'51.93"E, and elevation of 1,354 masl. The proposed Simikot substation boundary lies within 0.84 ha area whereas Tumcha substation lie within 0.50 ha area. None

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² Source: Topographic Map, Department of Survey, 1995 and Field Study 2022

of the private and public entities will be affected due to the implementation of the proposed Subproject, as it will be installed within the RoW of existing road and the edges of the private farm land. The land use map details with the components of the Subprojects are presented in **Annex 2**.







Figure 3-3: Proposed area for Srinagar-Simikot Substation View at Simikot, Humla

3.1.2 Geology

The proposed Subproject area lies geologically in the Mid Land Group (Chainage 0+000 to 17+760, 48+900 to 54+000 and 58+250 to 80+000), Nawakot Group (Ch. 17+760 to 48+900) and Himal Group (Ch. 54+000 to 58+250, 80+000 to 98+250). The rocks exposed in the Subproject site of the Mid Land Group with Dailekh Sub Group of Ranimatta Formation mainly consists of grey greenish grey gritty phyllites grilstones with conglomerates & white massive quartzites in the upper parts. Basic intrusions are abundant. Similarly, the rocks exposed in the Subproject site of a Nawakot Group are of Precambrain to Lower Paleozoic and consists of shallow marine sediments; lower part dominantly clastic (phyllites, sandstones, quartzites & calcareous sandstones). Stromatolitic limestones & black slates occur in the upper part. Basic sills & dykes present. Whereas, Himal Group of Pre-Cambrain consists of garnet biotite gneisses kyanite biotite gneisse garnetiferous mica schists augen gneisses micaceous quartzites & thin bands of marbles. No major geological hazard has been identified associated with the proposed Subproject.

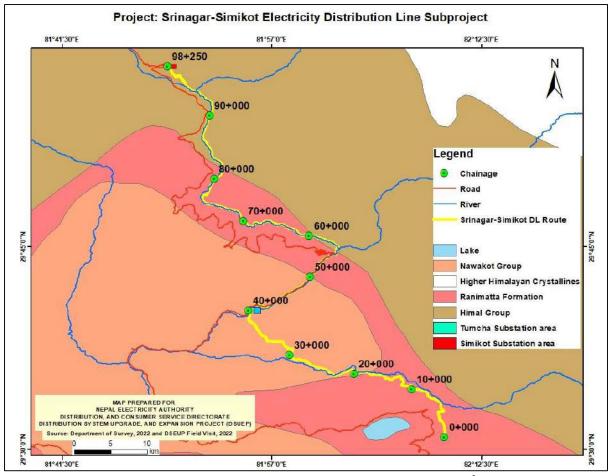


Figure 3-4: Geological Map of proposed Subproject Area³

3.1.3 Seismology

The entire country of Nepal is in a seismically active zone caused by the subduction of Indian tectonic plate under the Tibetan Plate. According to the National Seismological Center of Nepal several big earthquakes have been felt in Nepal, the earthquakes of magnitude 6 to 7 are mostly confined to the Main Himalayan Thrust (MHT) between the foot hills and the Higher Himalaya. Moreover, earthquake generation is confined to the crustal depth of 20 km. However, shallow earthquakes at depths down to 6 km are generated as a result of strike-slip faults. Therefore, the substations and distribution lines of this Subproject will be designed and operated per seismic design requirements and best engineering practice. The seismic activity in Nepal between 1964 and 2019 as in the IUSGS portal is shown in **Figure 3-5.**

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³ Source: Department of Mines and Geology (DMG), 2020

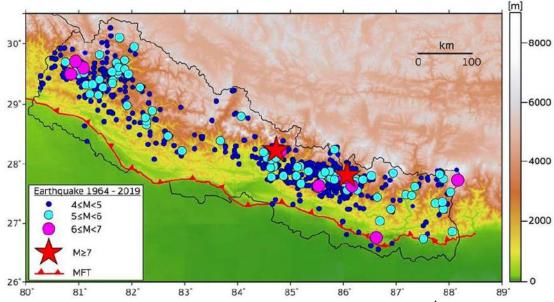


Figure 3-5: Seismicity map of Nepal from 1964 -2019⁴

3.1.4 Climate

The climate of the Subproject area is sub-tropical. According to DHM 2022, the climate of the Subproject area is sub-tropical. The temperature at the project area varied from -11.0°C to 10.0°C with the total annual rainfall being 34.5 mm. Almost 80% of rainfall occurs during monsoons (June to September).

3.1.5 Air, Noise, Water Quality and Polluting Sources

The major air polluting sources recorded are only vehicular emission and dust problem from plying of vehicles and high wind velocity. Noise-polluting sources noted at the time of field study are similar to the air polluting sources. Unnecessary honking along the access road of the site is the source of noise generation. The following table shows the real-time quality of air and noise during a field study.

Table 3-1: Ambient Air and Noise Quality within the Proposed Subproject Site

		Air Quality ³ -Temtop Airing-1000 PM Detector (μg/m ³)				Noise Level -UNI-T UT 353 Mini Sound Meter (dB)			
SN	Location/ Chainage	PM _{2.5}	Level	PM ₁₀	Level	Average Time of Measurement	Measured	Ref. ⁶	Area
1.	Tapping Point (Srinagar)	15.7		13.2			23		Settlement
2. 3.	Substation (Tumcha) Substation (Simikot)	13.9 14.9	100	15.2 15.6	200	1-hour	27 25	50	area

Source: Field Visit, 2022

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⁴ Source: USGS catalogue, 2019

⁵ National Indoor Air Quality Standard, 2009

⁶ National Ambient Sound Quality Standard, 2012

The air quality and noise level of the SPA were found within the range of the National Ambient Air Quality Standard and Noise Quality Standard, respectively.

The proposed 33 kV distribution route have the crossing of different river and streams namely: Mugu Karnali River, Gulma Khola, Humla Karnali, Baar Khola, Gothi Khola, Yanchu Khola, Laali Gaau Khola, Kharpu Khola and Shaymney Khola. The construction activities of the Subproject components will not have impact to the local streams and rivers.

3.1.6 Solid Waste Management

Wastes were found littered in front of HHs and along the side of the access road near the Subproject area. People in the nearby area were found managing organic wastes within the household premises. Recyclable waste (large quantities) was sold to scrap collector occasionally. The estimated quantity of solid waste generation from the labor camp is shown in **Table 3-2**.

SN	Description	Calculation	Remarks
1.	Total Labors within the Campsite	= 20 Labors	
2.	Total Waste Generation to be Expected	= 20 * 123.62 g/capita/day = 2472.4 g/capita/day = 2.4724 kg/day	
3.	Organic Waste Composition Responsible for Foul Smell, and Rodents	= 1.26 kg/day	Assuming 51% organic waste

Table 3-2: Estimated Daily Solid Waste Generation from Campsite

The rest of the other waste is recyclable, and non-decomposable which could be stored for long period and have less impact on the environment if properly managed. The amount of organic waste is manageable within the Subproject site as organic waste per day will be expected to be only 1.26 kg/day.

3.2 Biological Environment

The proposed Subproject's distribution line passes along RoW of existing road, private farm lands and National Forest. The proposed substation area land doesn't require the forest land. The proposed Subproject lies at an elevation in the range from 1,326 to 2,979 masl in sub-tropical bioclimatic zone. The proposed Subproject development site does not lie within any protected area or conservation area.

The floral species recorded during the field visit Sano Okhar (*Juglans regia*), Gobre sallo (*Pinus wallichiana*), Utis (*Alnus nepalensis*), Banjh (*Quercus lanata*), Peepal (*Ficus religiosa*), Lali gurans (*Rhododendron arboreum*), Khote Salla (*Pinus roxburghii*), Khurpani (*Prunus armeniaca*), Aaru (*Prunus persica*), Sisau (*Dalbergia sissoo*), Kimbu (*Morus alba*), and Apple (*Malus pumila*).

Similarly, wild animal recorded during the public consultation are Golden Jackel (Canis aureus), Himalayan Goral (Naemorhedus goral), Common Leopard (Panthera pardus), Rhesus Monkey (Macaca mulatta), Nepal Gray Langur (Semnopithecus schistaceus), Wild Boar (Sus scrofa), Asiatic Black Bear (Ursus thibetanus), and Himalayan Muskdeer (Moschus leucogaster). Altogether six species of birds were noted around the surrounding project area Chukar (Alectoris chukar), Cheer Pheasant (Catreus wallichii), Western Spotted

Dove (Spilopelia suratensis), Golden Eagle (Aquila chrysaetos), Common Cuckoo (Cuculus canorus) and Snow Pigeon (Columba leuconota).

The proposed Srinagar-Simikot 33 kV distribution line passes through the national forest. A total of 7 ha of the forest area will be occupied by the RoW of proposed 33 kV distribution line. The estimated number of trees to be cleared from the Core Project Area of the distribution line alignment passes along forest is 421.

3.3 Socio-economic Environment

Demography and Ethnic Compositions: The proposed Subproject area lies in Ward No. 1, 2, 3, and 4 of Chhyanath Rara Municipality, Ward No. 1, 2, 4, 6, 7 and 8 of Soru RM of Mugu District and Ward No. 2 and 3 of Adanchuli RM, Ward No. 1, 2, 3, 4, 5 and 6 of Sarkegad RM, Ward No. 6 Chankheli RM, Ward No. 1, 2, 3, 4 and 5 of Kharpunath RM, and Ward No. 3, 4, 5 and 6 of Simikot RM of Humla District. Simikot and Gamgadhi are the nearest business markets nearby the Subproject area. The general demographic information of the affected Ward is presented in Table 3-3. The major ethnic compositions within the surrounding project area are Chhetri (48.5%), Thakuri (19.7%), Dalit (18.9%), Tamang (5.0%), Byasi/Sank (4.0%), and Brahman (3.7%) of the total population of 30,138. The majority of people follow Hinduism and rest follow Buddhism and Christianity. The Core Project Area (CPA) of the Subproject will not affect any indigenous people.

Table 3-3: General Demographic Characteristic of Subproject Municipality

011	18/	Population				
SN	Wards	Male	Female	Total		
		Chhyanath	Rara Municipal	lity		
1.	1	718	713	1431		
2.	2	756	636	1392		
3.	3	664	654	1318		
4.	4	779	770	1549		
		S	oru RM			
5.	1	339	336	675		
6.	2	484	444	928		
7.	4	351	378	729		
8.	6	790	874	1664		
9.	7	604	573	1177		
10.	8	545	517	1062		
		Ada	nchuli RM			
11.	2	643	689	1332		
12.	3	624	689	1313		
		Sarl	kegad RM			
13.	1	1032	1118	2150		
14.	2	553	546	1099		
15.	3	433	389	822		
16.	4	562	501	1063		
17.	5	434	454	888		
18.	6	608	627	1235		

	Chankheli RM						
19.	6	312	281	593			
	Kharpunath RM						
20.	1	771	804	1575			
21.	2	442	400	842			
22.	3	519	541	1060			
23.	4	485	560	1045			
24.	5	750	739	1489			
	Simikot RM						
25.	6	894	813	1707			

Source: (CBS, Rural Municipality-Municipality Profile of Mugu and Humla Districts, 2017)

Road Accessibility: The proposed Subproject distribution line alignment passes through the Karnali Corridor (Manma - Kolti) Dulya-Simikot Road Section connecting the project affected wards of Adanchuli RM, Sarkegad RM, Chankheli RM, Kharpunath RM and Simikot RM. The transportation facilities in this locality are moderate. It is 5 minutes' walk to reach Simikot RM office from the proposed Simikot substation area.

Electricity Beneficiaries: The implementation of the Subproject will increase the electricity beneficiaries to 10,721 HHs, 27 commercial purposes, and 10 industries. This will expand the electricity supply in the Subproject area with clean energy sources.

Water and Sanitation: Tap/piped water is the main source of drinking water in the surrounding Subproject area. Almost all the houses in the area have some sort of toilet facility.

Health Facility: The nearest and easily accessible health facility nearby the proposed Subproject area is Humla District Hospital at a distance of 600 m from the Simikot substation site.

Communication: People of the Subproject have access to communication facilities mainly through mobile telephone services. In the Subproject area, people have access to local and national FM Radio networks and local newspaper facilities.

Occupation: Agriculture is the main occupation of people in the Subproject area with nearly 48.5% contribution; small trade and business/enterprises and services are other occupations of people in the Subproject area. Intermittent tripping and voltage drop of electricity were adversely affecting the irrigation of crops and daily household chores activities.

COVID-19: The coronavirus (COVID-19) pandemic has been defined as a global health crisis; the virus has spread in almost all parts of Nepal. Heedful of its vulnerabilities, the Government of Nepal enforced a nationwide lockdown in 2020/2021 and activated its federal, provincial and local level mechanisms to respond to the crisis. In case of any sudden surge or outbreak of COVID-19, quarantine facilities and immediate health supports should be provided to the workers and personnel involved in construction.

Other seasonal and minor diseases like dengue, fever, sneezing, cough, gastritis, diabetes and mental disorder have been reported within the Subproject area.

4. ANTICIPATED ENVIRONMENTAL AND SOCIAL IMPACTS AND MITIGATION MEASURES

The environmental and social impacts predicted during the construction of the proposed Subproject are discussed in this chapter. National Environmental Impact Assessment Guidelines (GoN, 2050) have been referred for the predicting magnitude, extent, and duration of the project-induced environmental impacts in the Subproject area. This chapter identifies the basic environmental and social impacts in the Subproject area that will arise during the construction. The detailed impacts of each domain of environmental and social safeguards have been addressed in this chapter.

4.1 Anticipated Beneficial Impacts

Construction Phase

4.1.1 Local Employment

Local employment will be created during the construction phase. As mentioned in section 2.8 Workforce Requirement, the typical construction team will have 35 skilled manpower and 70 unskilled manpower for the period of 4-5 months for the erection of poles and stringing the distribution lines and 12-15 months for building the substation. Local people within the SPA will be encouraged for employment during construction phase. Both males and females will get equal opportunities during the construction. Based on the skill levels (skilled, semi-skilled and unskilled labor) local people will be used for the construction as far as possible. The magnitude of impact is considered moderate, the extent is local, and the duration is short-term.

Operation Phase

4.1.2 Local Economy and Enhancement in Rural Electrification

The local economy will benefit through improved reliability of electricity supply, which is a necessary condition for economic growth. Different industries within/nearby the proposed Subproject area will be established. Intermittent tripping and voltage drop problems nearby the settlement area will be reduced. Upgrading and expansion of electricity distribution help to way-out many electricity-related issues and promotes the use of new types of home appliances, the use of electric motors for irrigation, and the establishment of small and large industries. The magnitude of impact is considered high, the extent is local, and the duration is long-term.

4.1.3 Greenhouse Gas Emission Balance

Net Green House Gas (GHG) emissions resulting from the Subproject area are expected to be low as the distribution lines will improve and expand the electricity supply from clean energy sources. It will reduce the emission of GHG from traditional source like firewood and timber along with commercial fuel Kerosene for cooking/lighting, heating, and diesel for water pumping. The magnitude of impact is high, the extent is local, and the duration is long-term.

4.2 Anticipated Adverse Impacts

A. Physical Environment

Construction Phase

4.2.1 Change in Land Use

The Subproject requires about 0.84 ha of land for building the Simikot substation, whereas 0.50 ha for Tumcha substation. Land is owned by NEA for Simikot substation but land required for Tumcha substation is government land. The land will be managed by NEA and will be converted to the substation area surrounded by proper boundary wall. Distribution Line passes through edge of private farm land and the RoW of village access road. The construction of the Subproject will bring change in land use permanently. Potential impacts caused by distribution lines will be limited to approximately 0.22 m of land for each pole, at the edge of roads and cultivated lands. *The impacts due to the use of land will be moderate in magnitude, site-specific and long-term in duration*.

Mitigation Measures

- Steel Tubular Pole for distribution lines will be planted at the right way of the existing road without hampering traffic movement. In the case of cultivated land, minimal land will be used at the edge for planting the poles.
- A cropping calendar will be followed while planting poles and stringing conductors so that standing crops will not be damaged.
- In case of loss of standing crops, compensation will be made to the respective land owner as per the prevailing market rate.

4.2.2 Air Quality

The impact on air quality during the construction period is expected to be insignificant, as site clearance, excavation, stockpiling of construction materials, waste burning at camp sites and equipment installation are localized and of short-term. Transportation of the materials and movement of construction crew and equipment will have a minor impact on air quality. The impact on air quality will be minor in magnitude, site-specific in terms of extent, and of short duration.

Mitigation Measures

- Contractors' vehicles and equipment should meet Nepali vehicle emissions standards.
- Dust emissions will be controlled using water sprays on earthen roads nearby settlements in the substation area.
- Open burning of wastes should be strictly prohibited.
- Construction workers should use face masks at all times.
- All dust-generating loads carried in open trucks should be covered.

4.2.3 Noise

Noise is inevitable during construction. As noted in section 3.1.5, noise is less around the substation area as the area is rural and settlement is sparse. Construction-related noise will be limited to vehicular movement and inside-the-fence construction activities at substations sites; construction-related noise is not expected to exceed acceptable levels.

The impact on noise level will be minor in magnitude, site-specific in terms of extent, and of short duration.

Mitigation Measures

- Contractors will be required to monitor noise during construction.
- For the substation site, boundary walls serve as a noise barrier, and they should be constructed as early as possible.

4.2.4 Drainage and Water Quality

Substation sites of 0.84 ha land for building the Simikot substation and 0.50 ha for Tumcha substation will result in a slight alteration of drainage patterns, although the alterations in drainage will not be quantifiable. Interference with drainage patterns will be temporary during the construction phase only. The impact on water quality during the construction period is expected to be insignificant. Water will be used primarily as a cement additive for the construction of substation foundations and boundary walls, and to control dust. *The magnitude of impact is low, the extent is site-specific, and the duration is short-term.*

Mitigation Measures

- Storm water run-off from substation sites will be minimized and controlled by bundling temporary dikes (constructed boundary walls will also help contain run-off water).
- Proper management of ground drainage from camps as a preventive measure against the breeding places of mosquitoes, and other pests.

4.2.5 Soil and Muck

As the proposed substation land's ground level is low, filling of soil is necessary. The required filling materials shall be purchased from a nearby authorized crusher plant approved by the local government. For distribution lines the excavation activity will be insignificant. The magnitude of impact is low, the extent is site-specific, and the duration is short-term.

Mitigation Measures

- Soil required for filling shall be purchased from the nearby authorized crusher plant under local government.
- Soil shall be covered with a tarpaulin while transporting it from earth-borrowing areas.
- Simultaneous water sprinkling and compaction of spoil shall be done using the roller.

4.2.6 Solid Wastes

The wastes generated during construction within the Subproject area are cement bags, iron bars, and other leftover construction materials, and waste generated by the labor camp. It might cause an adverse impact if not properly managed. Organic wastes generated from labor camps may give a foul smell and attract rodents if not manage properly. Inorganic wastes generated during implementation shall be managed through source segregation. The magnitude of impact is low, the extent is site-specific, and the duration is short-term.

Mitigation Measures

• Source segregation of organic and inorganic wastes in different storage areas or facilities in the designated location.

- The organic waste generated from the campsite shall be managed within the substation premises, through composting in the bin or by constructing a ground pit and covered by a thick layer of soil on daily basis.
- Reusable waste like debris, broken brick pieces, sand, stone, waste cement, and sand mix shall be used as refills for ground leveling.
- Packing materials used for casing components should be recyclable.
- Recyclable wastes like left out/non-usable reinforcement bars and packing materials shall be sent or sold to scrap vendors.
- Chemical waste generated from the transformer shall be collected in leakage-proof, corrosion-free, and specially-designed containers and sealed carefully.
- Effective coordination shall be done with the local level government for proper waste management during the construction period.

Operation Phase

4.2.7 Electric and Fire Hazard

Employees performing servicing or maintenance of substations may be exposed to electric shock, burns and injuries from the unexpected energization or release of stored energy in the equipment. The magnitude of impact is considered moderate, the extent is site-specific, and the duration is long-term.

Mitigation Measures

For this, the following mitigation measures will be practiced:

- Use of insulation, guarding, grounding, electrical protective devices, and safe work practices are advised.
- Boundary walls and security fences around the substation are recommended to prevent unauthorized access.
- Only trained and authorized personnel shall be allowed for electrical work.
- · Warning signs shall be installed.

B. Biological Environment

The Subproject avoids most of the trees along the forestland and other sensitive biodiversity areas. The construction of the Subproject is likely to pose significant impact to biological environment of the Subproject area.

Construction Phase

4.2.8 Loss of Habitat

As the proposed substation area is a barren land, whereas the 33 kV distribution line passes through the edges of road alignments, farm lands and forest areas. The total area of the forest area that will be occupied within RoW of the proposed 33 kV distribution line is 7 ha. The estimated numbers of trees to be cleared from the Core Project Area of the distribution line alignment passes along national forest are 421. The possible use of firewood should be restricted during the construction activities. The magnitude of impact is moderate, the extent is site-specific, and the duration is long-term.

Area (ha)			Name of		No. of trees	
33 kV line	Substation	Total	species		33 kV line	Substation
7	-	7	Aaru	Prunus persica	6	-
			Apple	Malus pumila	18	-
			Banjh	Quercus lanata	25	-
			Khurpani	Prunus armeniaca	18	-
			Gobre Salla	Pinus wallichiana	22	-
			Lali gurans	Rhododendron arboreum	22	-
			Peepal	Ficus religiosa	22	-
			Khote Salla	Pinus ruxburghii	185	-
			Sisau	Dalbergia sissoo	5	-
			Utis	Alnus nepalensis	87	
			Sano Okhar	Juglans regia	11	
				Total	421	

Table 4-1: Detail of impacted forest area and trees loss

Mitigation Measures

- Compensatory plantation shall be done as per Forest Regulation, 2079 (2022).
- Compensatory plantation to be made in the ratio 1:10, including cost for sapling and management cost for 5 years.
- Workers and staffs should be restricted to use firewood for cooking.
- · Providing LPG based stoves in Labor camp.
- Labors and staff shall be made aware to avoid illegal activities in adjoining forest.

Operation Phase

4.2.9 Bird electrocution and collision

The Subproject area is located in rural setting and there is no presence of critical habitat of avian fauna. Electrocution is a risk to bird species that perch on power line infrastructures (substation and distribution line). List of birds presented in section 3.2, may collide to distribution lines and substation Minimizing bird collision and electrocution risk is therefore a win-win for biodiversity and the power sector. The magnitude of impact is low, the extent is site-specific, and the duration is long-term.

Mitigation Measures

• Bird guards should be installed above the poles and white spirals in the conductors to improve visibility electrical structures.

C. Socio-Economic and Cultural Environment

The anticipated impacts regarding the socio-economic and cultural environment associated with Subproject are discussed below:

Construction Phase

4.2.10 Land Requirement

The land required for the proposed substation area is 0.84 ha land for building the Simikot substation, whereas 0.50 ha for Tumcha substation. Land is owned by NEA for Simikot substation, whereas Tumcha substation land is government land. For the construction of distribution lines, owners of private land along the route have assured and committed to the necessary help and support during implementation. They have agreed on NEA's proposal that poles shall be installed on the edge of cultivated lands and appropriate compensation for the loss of crops shall be given (**Annex 5**). Compensation shall be made based on crop types and quantity of loss equivalent to the market price. *The impacts will be low in magnitude, site-specific, and long-term in duration*.

Mitigation Measures

- A distribution pole of diameter 0.22 m should be installed on the edge of cultivated land making no loss of standing crops.
- If there is a loss of crops, appropriate compensation shall be made.

4.2.11 Public Health

Construction activities will be of small scale, causing no significant adverse impact to existing quality of air, water and sound. Local people except the workers do not involve in construction activities. Considering the COVID-19 pandemic as an example, workers will be advised to avoid unnecessary contact with local people. The magnitude of impact is low, the extent is site-specific, and the duration is short-term.

Mitigation Measures

- Contractors shall implement health and safety plans.
- Awareness of HIV/AIDS and other sexually transmitted disease should be provided to the labors.
- Awareness of basic sanitation and waste management should be provided to the labors.
- For coronavirus (COVID-19) pandemic situation, contractor needs to handle the situation in case of any sudden surge and standardize the quarantine facilities with health aid to the labors.

4.2.12 Occupational Hazards and Safety of Workers

Occupational health hazard and the safety of workers is the major issue during the construction period. Working without adopting safety measures during excavation work, spoil management work, mechanical and electrical equipment handling activities, chemical handling, etc. during construction may call the risk of accident. The primary victims are the workers involved in the construction. So, the envisaged direct impact is high in magnitude, site-specific in extent, short-term in duration.

Mitigation Measures

 The contractor shall prepare the Environmental, Health and Safety plan and take approval from the Client (NEA/PIU). The contractor shall employ Safety officer during the construction period.

- All employees shall be provided with the necessary training, and safety equipment as required for their responsibilities and duties. The Contractor will adhere to labor Act 2074 and Labor Rules 2075.
- The basic facilities of drinking water, sanitation & clean resting place, canteen, and first aid are required for the campsite.
- All the workers shall have health insurance throughout construction.
- Installation of warning signs (High Voltage, Fire Safety Signs, and Emergency Signs) as shown in ANNEX 7.
- NEA will be responsible to supervise the EHS performance of the construction Contractor, and workers' health and safety.

4.2.13 Child Labor, and Gender Issues

During the construction period, people employed on daily wages for excavation, transportation of construction materials, and other construction-related works should avoid the involvement children and should avoid gender discrimination. Gender discrimination may occur as the Contractor may not be sensitive towards gender equity. Contractors should equally pay men and women workers. Construction area should be gender friendly with required facilities. The envisaged impact is high in magnitude, site-specific in extent, and short-term in duration.

Mitigation Measures

The Subproject will ensure to:

- Provide equal wage to male and female for similar nature of work.
- Prohibit the use of child labor i.e., below 16 years of age (which is as per government and ILO guidelines).
- Provide female friendly construction environment with separate cabins and toilet for women in the camp.
- Prepare suitable work categorization for women.

4.2.14 Socially Undesirable Activities

The workers may use alcohol and other forms of intoxication, gamble and quarrel with locals, disrespect local culture and religion, and may promote socially undesirable activities in and around the project area. So, the envisaged impact is low in magnitude, local in extent, and short-term in duration.

Mitigation Measures

- · Restrict movement of workers out of camp after dinner time at the night.
- Prohibit the use of alcohol and gambling in the camp.
- Supply water supply, daily consumable items, and communication facility in the camp so as not to create additional pressure on the local services.
- · Orient workers to show respect for local tradition and culture.
- Prepare a code of conduct for all project staff, orient them and monitor that these are effectively followed by all.
- Assign a public relation officer to keep close and regular consultation and coordination with local communities.
- Regular monitoring of workers' behavior and taking appropriate measure on rule violators.

Operation Phase

4.2.15 Hazards and Safety

Occupational health hazard and the safety of staff are the major issues during the operation phase of the substation. The possible electric shock and fire hazard might cause injury or death to working staff thus protection measures should be taken all the time. The envisaged direct impact is high in magnitude, site-specific in extent, and long-term in duration.

Mitigation Measures

- There will be the use of insulation, guarding, grounding, electrical protective devices, and safe work practices.
- Boundary walls and / or security fences around substations to prevent unauthorized access.
- Only trained and authorized personnel will be allowed for the electrical works.
- No electric wire shall be stringed above the house.
- · Security fences around the substation.
- · Establishment of warning signs
- · Shutdown shall be taken during work on the DL route

4.2.16 Electric and Magnetic Field Effect

Electric power distribution lines create electric and magnetic fields together, referred to as electromagnetic fields (EMF). Electrical flux density declines in inverse proportion to the square of the distance and magnetic fields decline in inverse proportion to the cube of the distance; so, there will be no impact outside of the substation boundaries. ⁷ Research on the long-term effects of EMF associated with distribution lines is inconclusive for health risks. As noted in the World Bank EHS guidelines for transmission and distribution systems, there is no empirical data demonstrating adverse health effects from exposure to typical EMF levels from power transmission lines and equipment.

 $^{^{7}}$ E.g., at a distance of 10 meters from a single distribution line or conductor, electrical flux density drops to 1% of the field strength at a distance of 1 meter from the conductor: 1/(10*10) = 1%. Likewise, the magnetic field drops to 0.1% of the field strength at the conductor: 1/(10*10) = 0.1%.

5. INFORMATION DISCLOSURE, CONSULTATION, AND PARTICIPATION

5.1 Methodology in Information Disclosure, Consultation and Participation

The following methodologies were followed for information disclosure, consultation and participation:

i. Identification of the stakeholders is important to understand how the Subproject activities will relate different institutions/groups/individuals. Stakeholders are the groups that might be affected by the Subproject or might influence Subproject outcomes. The identified stakeholders are considered into three groups (**Figure 5-1**).

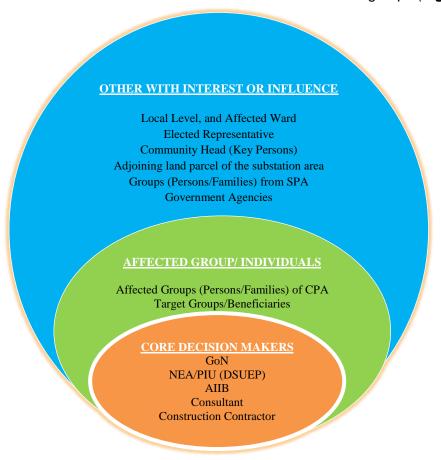


Figure 5-1: Identified Stakeholder in the Subproject8

- ii. The notices with the subject of consultation, venue, and time were pasted at the Subproject footprint area, local level and affected Ward office in presence of concerned local stakeholders. People were explained about the notices and their views were noted and agreed upon as Minutes.
- iii. Study team members visited all the local government offices within the Subproject influence area. Representatives from each local body were also consulted. All local governments were given request letters for their active support in project

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⁸ Referenced Meaningful stakeholder engagement: a joint publication of the MFI working group on environmental and social standards / Reidar Kvam, PP-19, 2019.

implementation. Municipalities were requested to provide written suggestions. The deed of enquiry (Muchulkas) and Letter of Declaration from the stakeholders are presented in **Annex 6**.

- iv. Local communities nearby the substation area and along the distribution line routes were consulted and were briefed about the Subproject activities and likely benefits with their suggestions (included in the Minutes).
- v. During the Subproject construction phase, booklets informing about the Subproject activities, likely impacts, and mitigation measures together with the complaints handling mechanisms will be developed and distributed in the Subproject area.

5.2 Consultation and Information Disclosure

The consultation aims to encourage the participation of stakeholders and communities of the Subproject area in the identification of issues, comments, and suggestions. The Subproject affected groups (persons/families) were given more emphasis during the field consultations. Public consultations were conducted at Chhavanath Rara Municipality-4, Balai, Kosha on 29th April (2022), Chhayanath Rara Municipality-2 & 4, Chinakula and Bhambada on 28th April (2022), Soru RM-8, Tarapani on 23rd April (2022), Soru RM-8, Shipa on 22nd April (2022), Soru RM-8, Sorukot on 21st April (2022), Soru RM-7, Natharpa on 24th April, (2022), Soru RM-8, Jawaldhara on 21st April, (2022), Adanchuli RM-2, Ghodedhunga on 19th April, (2022), Adanchuli RM-2, Shreenagar on 18th April, (2022), Chankheli RM, Piplang on 15th April, (2022), Adanchuli RM-2, Tumcha on 17th April, (2022). Sarkegad RM-4, Sarkegad Bazar on 13th April, (2022), Sarkegad RM-4, Dulli on 12th April, (2022), Sarkegad RM-2, Ripa and Lipne on 11th April, (2022), Kharpunath-5, Yanchu on 6th April, (2022), Kharpunath-1, Lali on 10th April, (2022), Kharpunath-2, Thali on 9th April, (2022), Kharpunath-2, Raya on 8th April, (2022), Kharpunath-4, Chhipra on 7th April, (2022), Kharpunath-5, Kherpal Gaun on 6th April, (2022), Sarkegad RM-6, Barai on 15th April, (2022), Sarkegad RM-5, Gothi on 15th April, (2022), Sarkegad RM-3, Unapani on 13rd April, (2022), Sarkegad RM-1, Jaira on 13rd April, (2022), Simikot RM-5, Tallo Gau on 2nd April, (2022), Simikot RM-4, Samne on 4th April, (2022), Simikot RM-4, Basti on 2nd April, (2022), and NEA office Mugu (1) on 26th April, (2022), (Figure 5-2). The concerns expressed and issues/ raised during the consultation were documented as in the form of minutes (Annex **5**).

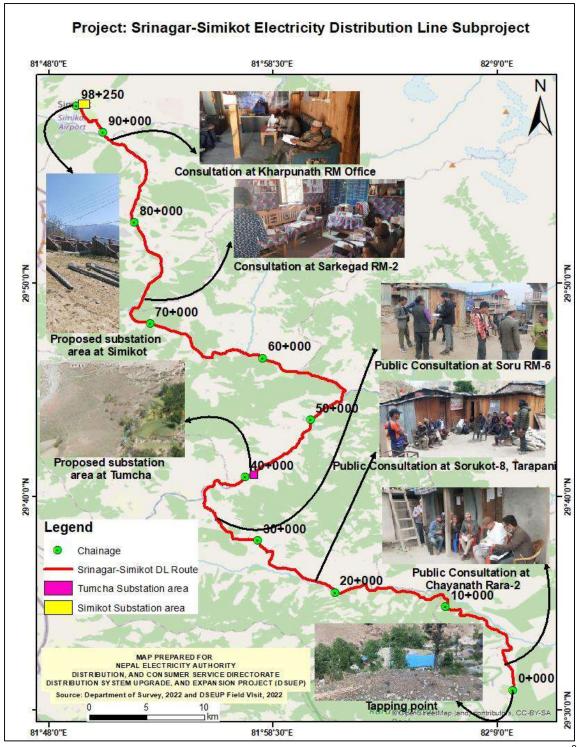


Figure 5-2: Consultation with the stakeholders and communities in the Subproject Area.⁹

Major benefits expected from the implementation of the Subproject through the perspective of local people were identified from public interaction, and that included improvement in the rural electrification facilities ensuring uninterrupted electricity in the households and better functioning of industries in the locality. The issues, comments and suggestions received in the consultation are presented in **Table 5-1**.

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⁹ Field Study, 2022. Used SW Map and GIS

5.3 Comments and Suggestion Received

Table 5-1: Summary of issues, comments and suggestions received in Consultations

Date	Location	Issues, comments and suggestions received	Participants
29 th April 2022	Chhayanath Rara Municipality-4, Balai, Kosha	private land. In case if it has to be passed through the private land, the	13,0F-13M
28 th April 2022	Chhayanath Rara Municipality-2 & 4, Chinakula	 pole should be installed at the edge (the up and down the side of the land). While constructing the sub-project, there should not be any negative impacts on archaeological, religious momentous, or to any structures of public importance of RM. 	22,4F-18M
23 rd April 2022	Soru RM-8, Tarapani	The project should compensate the damage of private properties (crops and trees) caused by expanding the distribution line. It is informed that there are no residences of indigenous people within	18,1F-17M
22 nd April 2022	Soru RM-8, Shipa	the direct project affected area. There is electricity supply with inadequate voltage in this area. It is requested that the project should start its construction immediately to ensure reliable electricity service to the local	20,5F-15M
21 st April 2022	Soru RM-8, Sorukot	 people. It is informed that there are no any places of ritual and cultural importance in the project area. The local people of our ward should be given priority for the employment based on the knowledge and skill in the 	17,1F-16M
17 th April, 2022	Adanchuli RM-2, Tumcha	 onstruction of the project. While expanding the distribution line, if the line passes through the private land, then representative of local level should coordinate with the owner of the private land. 	15,0F-15M
13 th April, 2022	Sarkegad RM-4, Sarkegad Bazar	 If owner of any land, in which poles are being installed and distribution line is passing, are found to be absent during public consultation and discussion the representative of ward should inform and co-operate with them 	36,0F-36M

Date	Location	Issues, comments and suggestions received	Participants
12 th April, 2022	Sarkegad RM-4, Dulli	For the proposed Tumcha Substation in	13,0F-13M
11 th April, 2022	Sarkegad RM-2, Ripa and Lipne	 Adanchuli RM and the RM will help and cooperate with the public and the land owner. There is electricity supply with inadequate voltage in this area. It is requested that the project should start its 	14,0F-14M
6 th April, 2022	Kharpunath-5, Yanchu	construction immediately to ensure reliable electricity service to the local people.	16,5F-11M
4 th April, 2022	Simikot RM-4, Samne	• .	10,0F-10M
2 nd April, 2022	Simikot RM-4, Basti		15,0F-15M
26 th April, 2022	NEA office Mugu	Ø The distribution line should pass through the side of currently functioning road and if has to be passed through private land, the pole should be installed at the edge (the up and down the side of the	10,0F-10M
28 th April, 2022	Chayanath Rara Municipality-1, Chainakula	land). Ø The landowners of the private land where the project has to be carried out should be informed before the commencement of the work. In case, the landowners are not informed and the	8,0F-8M
26 th April, 2022	Chayanath Rara Municipality, Gamgadhi	project harmed the crops and vegetation of that private land then the project should manage for the compensation of the impact immediately Ø It is informed that there are no	9,0F-9M

Date	Location	Issues, comments and suggestions received	Participants
28 th April, 2022	Chayanath Rara Municipality-4, Bhambada	residences of indigenous people within the direct project affected area and the project won't have any negative impacts on archaeological, religious momentous, or to any structures of public importance. Ø While constructing the sub-project, the	7,0F-7M
24 th April, 2022	Soru RM-7, Natharpa	directly impacted local people should be given the priority to work on the project according to their skills and ability to work. Ø There is no electricity supply in this area. It is requested that the project should start its construction immediately to ensure	8,0F-8M
21 st April, 2022	Soru RM-8, Jawaldhara	reliable electricity service to the local people. Ø The construction of this sub-project will get full support and cooperation. Ø There is 50 KW Gothi Micro Hydro	8,2F-6M
19 th April, 2022	Adanchuli RM-2, Ghodedhunga	electricity supply which is not reliable. It is requested that the project should start its construction immediately to ensure reliable electricity service to the local people. The construction of this sub-project we will have the full support and cooperation.	9,1F-8M
18 th April, 2022	Adanchuli RM-2, Shreenagar	Ø The Tumcha Substation land is the combination of governmental land and the land of Mr. Singh Sahi and Mriga Malla. Ø Currently the wire and pole of Micro Hydro present in the Chayanath	10,0F-10M
15 th April, 2022	Chankheli RM, Piplang	Municipality is unmanaged as they pass nearby houses and ground which is	14,1F-13M
15 th April, 2022	Sarkegad RM-6, Barai		8,1F-7M
15 th April, 2022	Sarkegad RM-5, Gothi		8,1F-7M

Date	Location	Issues, comments and suggestions received	Participants
13 rd April, 2022	Sarkegad RM-3, Unapani		8,1F-7M
13 rd April, 2022	Sarkegad RM-1, Jaira		9,1F-8M
10 th April, 2022	Kharpunath-1, Lali		9,1F-8M
9 th April, 2022	Kharpunath-2, Thali		8,1F-7M
8 th April, 2022	Kharpunath-2, Raya		8,2F-6M
7 th April, 2022	Kharpunath-4, Chhipra		7,1F-6M
6 th April, 2022	Kharpunath-5, Kherpal Gaun		10,2F-8M
5 th April, 2022	Kharpunath RM, Yanchu		13,1F-12M

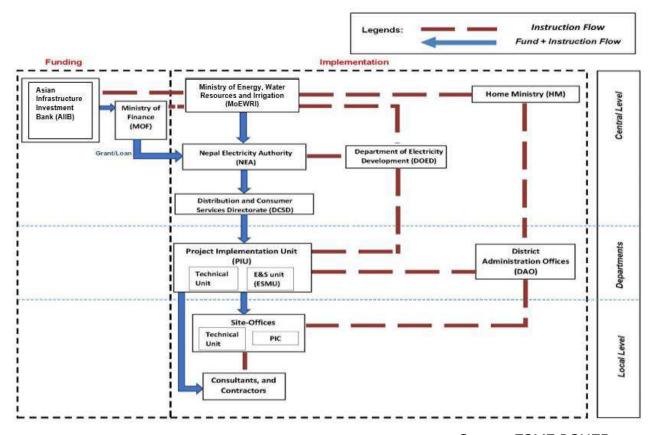
Date	Location	Issues, comments and suggestions received	Participants
4 th April, 2022	Simikot RM-3		11,0F-11M
3 rd April, 2022	Simikot RM-6		11,1F-10M
3 rd April, 2022	Simikot RM-4		13,0F-13M
2 nd April, 2022	Simikot RM-5, Tallo Gau		17,0F-17M
1 st April, 2022	Simikot RM		13,0F-13M

Source: Field Visit, 2022

6. INSTITUTIONAL ARRANGEMENT AND GRIEVANCE REDRESS MECHANISM

6.1 Institutional Arrangement

The Ministry of Energy, Water Resources and Irrigation (MEWRI) is responsible for the overall planning and execution of the plans for the overall development of the water and energy sector in Nepal. Nepal Electricity Authority (NEA) under MEWRI is the responsible agency for the implementation of the DSUEP. The project comes under the Distribution and Consumer Services Directorate (DCSD) of NEA. Project Implementation Unit (PIU) under DSUEP is the implementing unit of the project. The Environment and Social Management Unit will be within PIU. All the resources needed for the EMP implementation for the construction and operation phase will be provided by the PIU. The site offices under PIU will have a supervision consultant with an environmental and social safeguard specialist, who will be responsible for compliance monitoring activities during the construction phase. He will also provide technical support in preparing the monitoring report.



Source: ESMF-DSUEP

Figure 6-1: Institutional Arrangement for Environmental and Social Management

The contractor shall have the main responsibility to ensure compliance. The Contractor shall prepare an Environment, Health and Safety (EHS) report that would be approved by DSUEP/PIU before field mobilization. They need to strictly follow the EHS plan requirements. The contractor shall urgently comply with corrective actions for any noncompliance as instructed by PIU. The ESMU of PIU shall provide safeguard

compliance orientation to all environment monitors and safeguard team of the contractor, one month before the construction works start.

6.2 Grievance Redress Mechanism

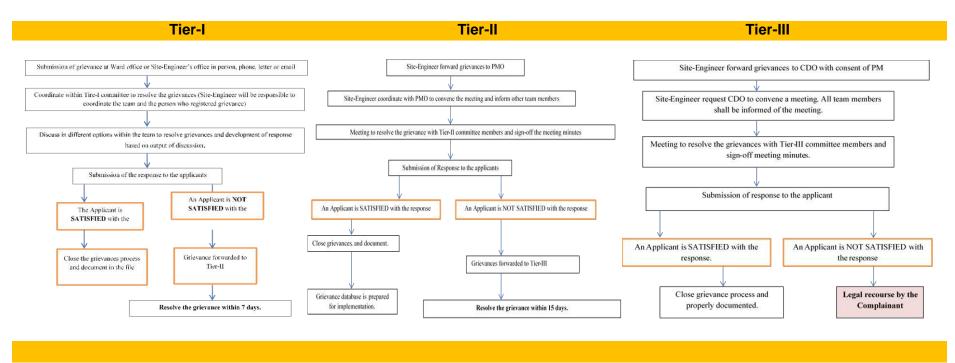
The Grievance Redress Mechanism (GRM) has been established to receive, evaluate, and facilitate the resolution of affected people's concerns, complaints, and grievances about social and environmental-related issues at the subproject level. The GRM is designed to be simple, transparent, and responsive. GRM shall address only the concerns arising due to the project implementation activities, mainly during the construction stage. Social Comment Addressed -In each subproject, three levels of Grievance Redress Mechanism will be established. During the ESMP study period, NEA disseminated letters to the local level stakeholders regarding the formation of the GRM at the subproject level. To date, NEA has established Tier-I and Tier-II GRM has been established at the local wards level and Municipality/RM level. Tier-II will be established before construction work starts.

GRM process entails the concerned party submitting a grievance either in-person, via phone, letter, or email to the Site-Engineer or the concerned Municipality Chief or the concerned Ward Chair. The Site-Engineer will record the complaint. In cases where Ward Chair has received such a grievance, he/she should forward the grievance to the field office Engineer. The Site-Engineer shall notify the committee members of Tier-I and arrange a meeting to resolve the received grievances. If not resolved such grievances will be carried to Tier II and Tier III. The three levels of GRM will be based on time-bound schedules as mentioned in **Table 6-1**. The subproject will carry the regular meeting for Tier-I, once a month to follow up if any grievances are received or not and to resolve the grievances received and update its status to PIU. **Figure 6-2** describes the Workflow Diagram of GRM for the subprojects.

Table 6-1: Levels of Grievance Redress Mechanism Based on Time Bound

5		Levels of Grievance Redress Mechanism						
Provisions	First Level	First Level (Tier-I)		Tier-II)	Third Level (Tier-III)			
Level	Local Level		Project Manager Office (PMO) Project Manager (PM) at Project Unit (PIU)	<u>-</u>	District Level			
Supervisory	NEA Site-Engineer		PMO		Chief District Officer (CDO)			
Assistance	Chief/Mayor of Concerned Local Level and Chairperson/ Representative of Ward, Construction Contractor's (CC) Representative and Project Supervision Consultant's (PSC) Safeguards Officer		NEA Site-Engineer and PSC's Construction Contractor	Social Expert, and	PMO, affected persons, representative from Rural Municipality/Municipality, Site-Engineer, PSC's Social Expert If deemed necessary, representative from Forest Office, representative from Land Revenue Office, and representative from Land Survey Office are invited.			
Days for Resolving Complain	7 days of receipt of a com	7 days of receipt of a complaints/ grievance		ed by Site-Engineer	15 days			
	Committee Member	Designation	Committee Member	Designation	Committee Member	Designation		
	Municipality Chief	Coordinator	Project Manager	Coordinator	Chief District Officer (CDO)	Chair		
	Site-Engineer-NEA	Member secretary	Site-Engineer	Member Secretary	Project Manager	Coordinator		
Committee	Safeguards Expert from Consultant	Member	Municipality Chief	Member	Site-Engineer	Member Secretary		
Members	Contractor Engineer	Member	Safeguards Expert from Consultant	Member	Municipality Chief/Ward Chair	Member		
	Ward Chair	Member	Contractor Engineer	Member	Safeguards expert from consultant	Member		
					Contractor Engineer	Member		
					Representative from affected people	Member		

Figure 6-2: Workflow Diagram for GRM from NEA¹⁰



* Affected People (AP) have the right to refer the grievances to appropriate courts of law if not satisfied with the redress at any stage of the process i.e., the AP will have the choice to approach country's judicial system.

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Grievance Redress Mechanism (GRM) Prepared for the sub-projects financed by Asian Infrastructure Investment Bank (AIIB) under Distribution System Upgrade and Expansion Project (DSUEP), Nepal Electricity Authority (NEA), May 2021.

7. ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

7.1 Environmental and Social Management Plan and Mitigation Measures

The overall Environmental and Social Management Plan of the Subproject is presented in **Table 7-1**. The ESMP will be implemented in three stages: (i) pre-construction (ii) construction, and (iii) operations and maintenance. This ESMP is a living document and will be updated and modified under the supervision of ESMU of PIU.

Table 7-1: Environmental and Social Management Plan (ESMP)

			Mitigation Cost	Respons	ibility
Project Activity	Environmental and Social Issues	Management/Mitigation Measures		Planning and Implementation	Supervision and Monitoring
Pre-construction Pr	nase				
Approvals, permits and clearances	Installation of poles along the edge of private farm lands	Site office and the contractor must inform the community prior to the installation of poles and stringing of the line along DL route		Site Office/ Contractor/	DSUEP (PIU)/NEA
Construction Phase	•				
	Inadequate/unsafe working conditions	Appropriate contract clauses to ensure satisfactory implementation of contractual environmental, health, and safety measures.		Site Office/Contractor	PIU/NEA
Construction work	Accident may arise if the pit hole (depth-2m and diameter-0.22 m) prepared for steel tubular poles remains open for long time	 Pit holes for the steel tubular pole shall not be left open and should be filled instantly by erecting poles and concrete-cement around the base, should be used to strengthen the pole erection Contractors should follow the guideline provided by the PIU 	Project Cost	Contractor/ Site Office	PIU/ESMU/ PIU
and distribution line alignment	Dust emission - transportation of materials and movement of construction crews and equipment will cause minor impact	 Water sprays to be used for dust control as necessary in the earthen roads of the settlements nearby the substation area and proper storage of the construction materials (sand, cements, aggregates and spoil) to be stored in substation area. Steel poles firstly stocked in the substation area and secondly in the open barren area in coordination with Rural Municipality and Municipalities. No social and environmental 	Air Quality Monitoring- 1,50,000.00 (NRs.) Sprinkling water (Dust Management) 2,00,000.00 (NRs.)	Contractor/ Site Office	PIU/ESMU

	issues for the stockpiling of the steel poles and stringing wires			
Noise emission- Construction related noise will be limited to vehicular movement and inside-the- fence construction activities at substations sites	 Boundary walls serves as a noise barrier, and these shall be constructed as early as possible. Construction equipment to meet national emissions and noise control standards. 	Noise Level Monitoring- 50,000.00 (NRs.) Provision of PPE in Project Cost	Contractor/ Site Office	PIU/ESMU
Interference with drainage patterns will be temporary at substation during construction phase	 A proper drainage system should be managed within the substation area. Storm water run-off need to be minimized and controlled with bundling temporary dikes Drainage management as a preventive measure against breeding of mosquitoes and other pests 	Project Cost	Contractor/ Site Office	PIU/ESMU
Construction associated wastes generated within substation area and campsite location	 Organic waste generated from the campsite shall be managed within the substation premises, through composting in the bin or by constructing a ground pit, and covered, by a thick layer of soil Reusable waste like debris, broken brick pieces, the sand, stone, waste cement, and sand mix should be used as refills for ground leveling. Recyclable wastes like left out/non-usable reinforcement bars and packing materials to be sent or sold to scrap vendors. Effective coordination with the local level government for the proper waste management 	Solid wastes management – 1,00,000.00 (NRs.)	Contractor/ Site Office	PIU/ESMU
Illegal bird hunting by the labors	 Discouraged by supplying adequate food item (poultry) requirement within the camp. Awareness of legal provisions upon illegal hunting of biodiversity need to be disseminated 	Project Cost	Contractor/ Site Office	PIU/ESMU

	Use of firewood from nearby forests	 Workers and staffs should be restricted to use firewood for cooking. Providing LPG-based stoves in Labor camp. 	Project Cost	Contractor/ Site Office	PIU/ESMU
	 About 7 ha of forest area occurs within RoW of the proposed distribution line Estimated number of trees that need to be cleared from the Core Project Area of the proposed DL alignment are 421 	 Compensatory plantation shall be done as per Forest Regulation, 2079 (2022). Compensatory plantation to be made in the ratio 1:10, including cost for sapling and management cost for 5 years. 	The total enumeration of the loss trees and mitigation cost will be incorporated in the Brief Environmental Study (BES) report	Contractor/ Site Office	PIU/ESMU
	Loss of standing crops at pole installation locations (depth-2m and diameter- 0.22 m)	 Poles are to be installed at the edge of cultivated land making no loss of standing crops. Need to make prior consultation with landowners before installation of the poles. If there is a loss of crops, appropriate compensation shall be provided. 	Project Cost	Contractor/Site Office	PIU/ESMU
Environment, Health and Safety	 Injury and sicknesses workers and members of the public Potential fecal coliform contamination in drinking water 	 Contractor shall prepare the Environmental, Health and Safety plan and take approval from the client. Provision of a safety officer in the work team shall be made during the construction period. All employees shall be provided with the necessary training, and safety equipment as required for their responsibilities and duties. Basic facilities of drinking water, sanitation & clean resting place, canteen, and first aid shall be made available for the campsite. Provision of health insurance to employees. Security fences around the substation. Installation of warning signs (High Voltage, Fire Safety Signs, and Emergency Signs). Awareness of HIV/AIDS and other sexually transmitted disease. 	Establishment of Labor Camp with basic facilities – In Project Cost EHS Awareness Trainings - 1,50,000.00 (NRs.)	Contractor/Site Office	PIU/ESMU

Management of electric equipment, toxic materials of chemical wastes	Possible spills resulting in contamination of soil, water, and air	 Awareness of providing basic sanitation facilities and waste management control to the labors. For coronavirus (COVID-19) pandemic situation, Contractors should arrange for quarantine and health services for infected workers. Chemical waste generated from transformer shall be collected in leakage-proof, corrosion-free, specially designed containers, and sealed carefully 	COVID-19 measures 2,00,000.00 (NRs.)	Contractor/ Site Office	PIU/ESMU
Operation and Main	tenance Phase				
Electric shock and fire hazard	Injury or death to the workers and public	 Use of insulation, guarding, grounding, electrical protective devices, and safe work practices. Boundary walls and / or security fences around substations to prevent unauthorized access. Only trained and authorized personnel shall be allowed for the electrical works. No electric wire is to be strung above the house. Installation of warning signs. 	Project Cost	NEA	NEA
Routine operations and maintenance	Potential disturbance to other utility functions and vehicular traffic.	 Maintain warning / advisory signs in good and visible condition Visual and technical inspection 	Project Cost	NEA	NEA
Oil spillage	Contamination of land/nearby water bodies	 Substation transformers should be stored within secure and impervious bundled areas with a storage capacity of at least 110% of the capacity of oil in transformers and associated reserve tanks. 	Project Cost	NEA	NEA
Bird electrocution and collision	Electrocution can cause a risk to bird species that perch on power line infrastructures	Provision of bird guards above the poles and white spirals on the conductors to improve visibility	Project Cost	NEA	NEA

(The provision of an environment and social management cost should be included in the project cost making each items visible in BOQ of bidding document for the safeguard compliance by the construction contract)

7.2 Proposed Monitoring Plan

The monitoring proposed in **Table 7-2** will be of value primarily for establishing baseline conditions in the Subproject area, and then for ambient quality monitoring.

Table 7-2: Minimum Provisions for Environmental Monitoring

Parameters to be Monitored	Location	Measurements	Frequency	Responsibility
Construction Stage				
Clearing of construction site	Substation boundaries	Field inspection of Subproject Sites and ensuring that appropriate safety measures are implemented	Clearing and restoration: Weekly	Contractors to implement corporate EHS plan, drainage management and solid waste control in the substation area.
Use of forest area and loss of trees	33 kV DL alignment	 Field inspection of Subproject sites and ensure the compensatory plantation of 1:10 Related approval document for tree clearance 	Prior to the construction work	Contractor responsibility under the supervision of PIU/DFO
Air: SPM, Noise: dB(A)	Substation boundaries and nearest receptor to substation		Air, and noise: quarterly during construction period	Contractors need to conduct air and noise monitoring during the construction period at the substation location

Construction wastes: on-site inspection Construction and Operation	Visual inspection of active construction areas, including equipment staging areas and camps	 Spot check / visual inspection of solid waste (spoil, muck etc.) generation and disposal. Analysis of transformer oils to determine if polychlorinated biphenyls are present. 	Monthly spot checks for construction waste management	PIU safeguard officers to provide oversight via regular field inspections, and submit monitoring reports to the Bank
Occupational health and safety	Substation boundaries	 No. of Toolbox talk and safety orientation to the workers No. of workplace accidents Use of PPE by workers 	Daily Inspection during construction Monthly Inspection during the operation phase	Inspection of the construction site by the safety officer and PIU safeguard officer
Child involvement in construction work (needs to be prohibited)	Substation work	Spot inspection at construction sites	Monthly Inspection during construction	Site Office

7.3 Environmental and Social Mitigation and Monitoring Cost

Preliminary cost estimates for the ESMP implementation are shown in **Table 7-3**. These estimates cover the basic monitoring activities and the mitigation measures to be complied from the contractor's side. The ESMP cost estimated for the **Srinagar-Simikot Distribution Line** is NRs 13,00,000.00. NEA has agreed for the effective implementation of the mitigation and monitoring cost items as mentioned in table below. NEA has agreed to the effective implementation of the mitigation and monitoring cost items as mentioned in table below.

Table 7-3: Mitigation Measures and Monitoring Activities Cost Estimates

SN	Budget Items	Unit	Rate (NRs.)	Total Amount (NRs)
1	Air Quality Monitoring (at substation)	6 (Times)	25,000.00	150,000.00
2	Noise Level Monitoring (at substation)	6 (Times)	8,334.00	50,000.00
3	Sprinkling of water to be used for dust control necessary in the earthen roads of the settlements nearby the substation area and proper storage of the construction materials (sand, cements, aggregates and spoil)	200 (Times) During Excavation and Civil works	1000.00	2,00,000.00
4	Management of electric equipment's, toxic materials of chemical wastes	-	L.S.	1,00,000.00
5	Segregation and management of solid wastes	-	L.S.	1,00,000.00
6	COVID-19 measures (considering pandemic situation) standardize the quarantine facilities with health aid to the labors	-	L.S.	200,000.00
7	EHS Awareness raising training to the labors	10 (Events)	15,000.00	1,50,000.00
8	Meeting of Safeguard Desk and Grievance Redress Committee at Field Level	24 (Months)	14,583.00	3,50,000.00
	Total			13,00,000.00

8. CONCLUSION

Potential environmental impacts of this Subproject are not diverse and are all site-specific i.e., confined to the Core Project Area. Civil works will have minimal temporary impacts on air, noise and water quality. Erection of poles during construction shall follow the RoW of existing roads and the edge of farmlands. The PIU should give prior information before installation of the poles. In the ESMP consultations conducted in the settlement area, people have agreed for the implementation of the Subproject and have suggested installing poles on the edge of farm-lands, without affecting any private structures along the distribution line. If there is a loss of crops, appropriate compensation shall be provided. The implementation of the proposed Subproject needs 7 ha of forest area with estimated loss of 421 trees. The total enumeration of the loss trees and mitigation cost will be incorporated in the Brief Environmental Study (BES) report. Mitigation measures are suggested in this ESMP to avoid any possible environmental and social impacts. The total ESMP cost for this Subproject is NRs. 13,00,000.00. NEA Project Implementation Unit has agreed to implement the estimated cost for the mitigation measures and monitoring activities.

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ANNEXES

Annex 1: SAMPLE NOTICE FOR PUBLIC CONSULTATION AND GRM FORMATION LETTER TO STAKEHOLDERS



नेपाल विद्युत प्राधिकरण

(नेपाल सरकारको स्वामित्व)

वितरण तथा ग्राहक सेवा निर्देशनालय

फ्याक्सः: ०१-४१५३१४४ फोन नं : ०१-४१५३१४५ दरवारमार्ग, काठमाण्डौ ।

नेपाल वितरण प्रणाली स्तरोजनी सुथा विस्तार आयोजना

नेपाल वितरण प्रणाली स्तरोन्निक स्थानिक अध्ययन प्रतिवेदन तयारी सम्बन्धि सूचना

	सूचना प्रक	ाशन मिति:		
मा एसियन इन्फ्रा	(नगरण स्ट्रकचर इन्भेस्टमे इक सेवा निर्देशना	गालिका/गाउँपालिका/म न्ट बैंकको ऋण सहयं जय, वितरण प्रणाली	ोग भएको नेपाट स्तरोन्नति तथ	उपमहानगरपालिका) न विद्युत प्राधिकरण, ा विस्तार आयोजना
प्रस्तावक		कार्यान्वयन		
अघि सो आयोज भनि स्थानीय	नाले त्यस क्षेत्रको व सरोकारवालाहरू	वातावरण तथा सामाजि सँग छलफल गर्न II समय उपस्थितिका व	नक पक्षहरुमा के आयोजना है	5-कस्तो प्रभाव पार्दछ क्षेत्रका सम्पूर्ण सबै
सार्वजनिक छला	<u>फल हुने स्थान, मि</u>	ति र समय:		
स्थान:				
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नेपाल विद्युत प्राधिकरण

(नेपाल सरकारको स्वामित्व)

वितरण तथा ग्राहक सेवा निर्देशनालय

नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना

फ्याक्सः ०१-४१५३१४४ फोन नं : ०१-४१५३१४५ दरवारमार्गं, काठमाण्डौं।

(ए.आई.आई.बि.)

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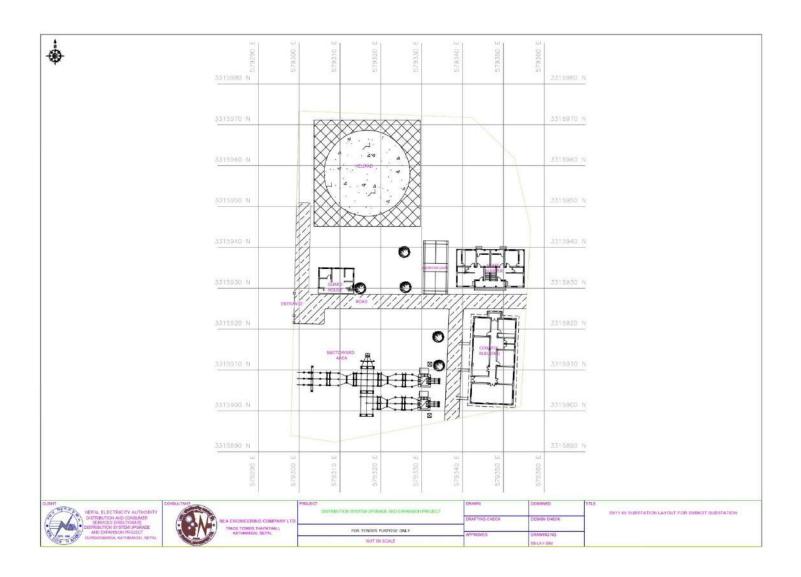
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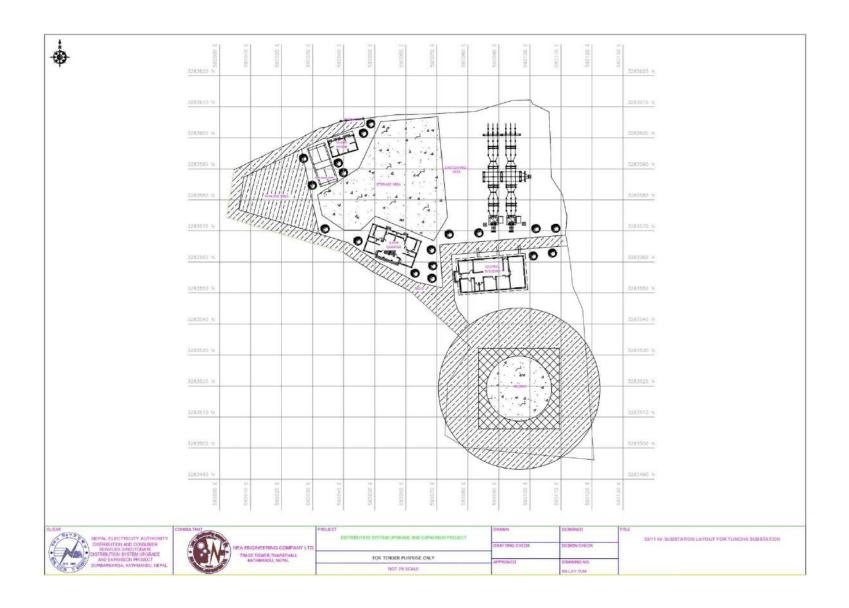
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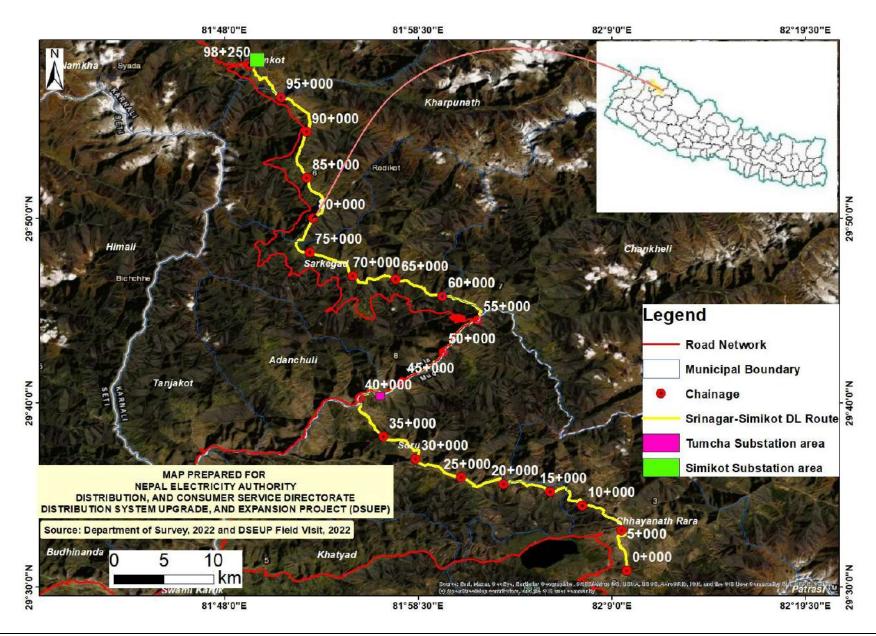
विषयः गुनासो समाधान संयन्त्र गठन भएको सम्बन्धमा ।

> (केशव श्रेष्ठ) आयोजना प्रमुख

Annex 2: LAYOUT MAPS OF SUBSTATION AND DISTRIBUTION LINE ALIGNMENT



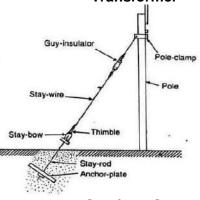




Annex 3: FACILITY AND COMPONENTS



Transformer Guy-insulator Stay-rod Anchor-plate





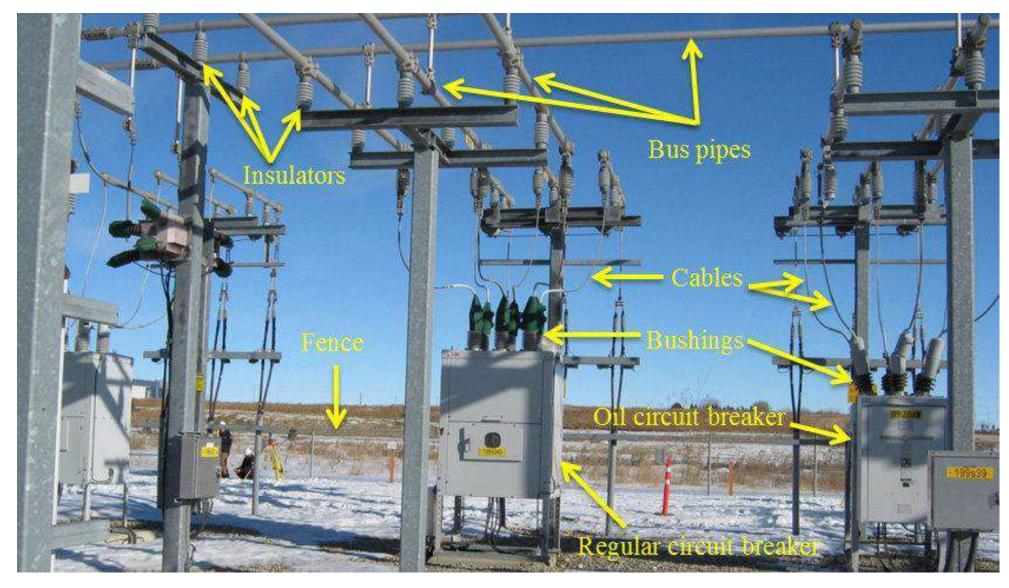




Insulator ACSR Dog 100mm2 Aluminum Conductor 6/4.72mm Steel 7/1.57mm

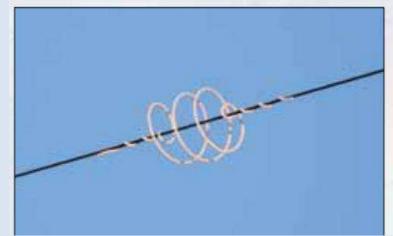


Conductor



Possible components within 33 kV/11 kV Substation





White Spiral in Wire Improves Visibility of Wire



Construction of Nest at Poles also divert Brid not sitting at Wires

Annex 4: LEGISLATIVE PROVISIONS

S	Legal Provisions	Relevancy	
N	Legal Flovisions	Description	concerning Project
1.	Constitution of Nepal	 The Constitution of Nepal is the main legal document, which emphasizes the right to a clean environment of the people, natural resources protection, preservation, and its prudent use. Rights regarding the clean environment, under article 30: It includes making multi-purpose development of water resources, while according priority to domestic investment based on public participation to ensure a reliable supply of energy affordably, and easily, and make proper use of energy for the fulfillment of the basic needs of citizens, by generating, and developing renewable energy in article 51 (g). 	DSUEP helps to fulfill the rights of people to live in a clean environment along with fulfilling the basic needs by providing access to sufficient energy.
2.	Environment Protection Act 2076 (2019 AD)	 Section 3 of the Act requires the proponent to conduct environmental studies concerning the prescribed proposals of any developmental works. Subsection 2 of this act provides the framework for the environmental study report prepared according to sub-section (1) shall, in fulfillment of the process as prescribed, be submitted to the relevant bodies of the Government of Nepal for approval. 	Environmental Studies, and approval of the report from the authorized body before construction of any project is mandatory to minimize the negative impacts in Nepal which is addressed in EPA, 2019.
3.	Environmental Protection Rule, 2077 (2020 AD) [First Amendment on 2078 (2021)]	• Under the Environmental Protection Rules (2020) first amendment (2021), rule (3) as mentioned in annex (1), Section (F) (Energy, Water Resources, and Irrigation Sector) subsection (1), a proponent shall be required to carry out the Brief Environmental Studies for construction of transmission line project less than 66 kV in forest land for another purpose.	This rule provides the overall guidance to what type of environmental studies is required according to the project by the Government of Nepal.
4.	Nepal Environmental Policy, and Action Plan, 2050(1993)	 The aims of NEPAP are: To manage natural, and physical resources efficiently, and sustainably To balance the development efforts, and environmental conservation for sustainable fulfillment of basic needs To preserve endemic, and endangered species, and their habitats; the promotion of private, and public institutions for biological resources inventory, and conservation To safeguard national heritage To mitigate the adverse environmental impact of development projects, and human actions To integrate environment, and development through appropriate institutions, adequate legislation, and economic incentives, and sufficient public resources 	DSUEP should follow the aims of NEPAP to protect, and conserve the physical, biological, and social environment during the construction of a 33 kV distribution line along with a substation.

• Pertaining to the chapter 12, Section 42(1), if there is no other alternative to the using of forest area for the operation of a national About 7 ha of forest priority project, plan of which investment is approved by the Investment Board, project of area occurs within national pride and it appears from the RoW of the proposed environment examination referred to in the 33 kV distribution line prevailing law that the operation of such plan Estimated number of does not result in significant adverse effects on trees that need to be the environment, the Government of Nepal cleared from the Core may give approval, as prescribed, to use any Forest Act 2076 Project Area of the 5. part of the national forest for the purpose of (2019)proposed DL operating such plan, alignment are 421 • Similarly, in providing the forest area for the Total estimation of operation of a plan pursuant to sub-section (1), tree and approval of to the extent possible, a land that is adjoining tree clearance will be to the national forest area near the project site and situated in the same geographical and proceeded after the ecological belt and has such landscape where **BES** approval of forest can be developed shall be provided for report. the purpose of planting trees at least in the area equal to the forest area that has to be used. • Pertaining to Rule 87 (2) in case of the development project related to the use of forest land, the coordination has to be done with the concerned division forest office during the feasibility study and environmental study. • Rule 88, Application need to be submitted in case of use of national forest land from the About 7 ha of forest feasibility study and application need to submitted to the Ministry of Forests and area occurs within Environment through the subjective ministry RoW of the proposed • Rule 89, following the Rule 88, the Ministry of 33 kV distribution line Forests and Environment direct Division Forest Estimated number of Office through its respective department for trees that need to be the detail field information and the that cleared from the Core **Forest** information should also be submitted to Project Area of the Regulations, 2079 6. provincial ministry. proposed DL (2022)• Rule 90, following the Rule 89, Division Forest alignment are 421. Office should submit the information with field Total estimation of monitoring (if necessary) to the Ministry of tree and approval of Forests and Environment. The ministry will tree clearance will be ensure the use of forest land if the applicable information and letters are received, and give proceeded after the permission to the respective project by binding **BES** approval of in the rules states in the Forest Regulations. report. • Rule 91, following the Rule 90, after the decision made by the government of Nepal for the permission to use the forest land, development project should made availability of the applicable land for the forest development as per the Forest Act (2076), Section 42 (2).

9.	Labor Act, 2074 (2017 AD)	technologies. It has also envisioned subsidy provision for the promotion of such renewable energy technologies. This labor Act was made under the management of parliament under sub-clause 1 of clause 296 of the Constitution of Nepal. Sub-section 3 of Section 2 states that the	The construction of a project is only possible when the rights of labor are secure. In this
8.	Rural Energy Policy, 2006	The rationale of formulating, and implementing this policy is to create a conducive environment that will self-motivate, and mobilize local institutions, rural energy user groups, non-government organizations, cooperatives, and private sector organizations for the development, and expansion of rural energy resources. The government will facilitate, and promote to involve private development, and expansion of new	This project helps to improve the distribution, and motivate use the of electricity in rural areas of western Nepal.
7.	Electricity Act 1992	 No person shall be entitled to conduct survey, generation, transmission, or distribution of electricity without obtaining a license under this act. The Electricity Act of 1992 has the provision of land procurement for the development of Subprojects that involve electricity generation, transmission, or distribution. The Act states that the licensee may apply to GoN to purchase the land or house of any person if it is required for the generation, transmission, or distribution of electricity. Upon the receipt of such an application, GoN may make the land or house, so requisitioned, available to any corporate body under the prevailing laws. 	The main goal of this project is to distribute a sufficient amount of electricity by constructing a 33 kV line, and substation by surveying to minimize the impacts.
		 Rule 92, following the Rule 91, in case of failure in the availability of the applicable land, it has to go through the Land Acquisition Facilitation Committee in the district level Rule 93, following the Rule 92, in case failure of the land acquisition through the Committee respective department should give permission to the project for the Collection of amount in the government fund as per the land purchases for development project specified in Shedule-51. Rule 93 (5), the amount should base on the cost of the trees in the ratio of 1:10 and Rule 93 (5), the amount must include bi-annual production or purchase of trees, trees transportation, afforestation of 1600 trees per hectare, fencing and boundary for the protection of trees and require number of people for look after. 	

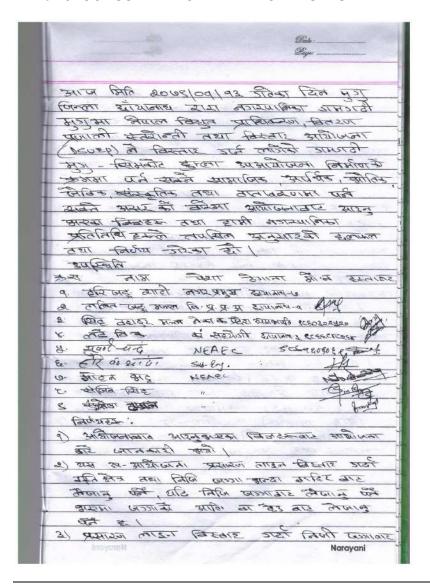
		work other than they are assigned for. In addition, Sub-section 5 of Section 2 states about the prohibition of child labor in any organization, and sub-section 6 of Section 2 states that there should not be any kind of discrimination among the employee's regard of religion, ethnicity, gender, origin, language, or intelligence or other kinds of characters.	should follow this act strictly.
10.	Child Labor (Prohibition, and Regulation) Act, 2056 (2000 AD)	As per section 3 of this act, no child has not attained the age of 14 years shall be engaged in works as a laborer.	Child labor is strictly prohibited in this project, and Contractors should follow this act.
11.	Solid Waste Management Act, 2068 (2011 AD)	This act has been formulated to minimize solid waste products from the target area by setting rules, and regulations on solid waste management (SWM) in the country to develop a better environment for the systematic, and effective management of solid waste, and to involve all the concerned stakeholders in SWM practice. The main features of this act are the discussion of the 3R principle (Reduce, Reuse, and Recycle). 3R principle seems to be very beneficial as it not only increases the life of landfill site but also saves the money which could be used for other infrastructure development. Section 4 of the act assigns the local body to manage or use the solid waste discharged or dumped in the collection center, transfer station, or treatment plant or collected during cleaning.	These acts provide the overall framework to manage the solid waste generated from households to the project level. Also, the proponent should manage the waste generated during construction.
12.	Solid Waste Management Rules, 2070 (2013 AD)	The solid waste management rule was formulated as per the provision made in article 50 of the Solid Waste Management Act, 2068. This regulation has emphasized the segregation of waste at source, and mentioned that the responsibility of proper disposal, and management of source belongs to the producers themselves. Section 3 of the rule describes the segregation, and management of solid waste. It has been mentioned that it is essential to segregate degradable, and non-degradable solid waste at the source.	These rules provide the overall framework for how to reduce the volume of waste disposed of at the source during the construction of the substation.
13.	Fifteenth Plan	The vision of the 15th plan is to contribute to the prosperity of the nation through sustainable, and reliable development of hydropower by setting the goal which is to ensure energy security through intensifying hydropower generation. In addition, one of the strategies of the government of Nepal in the 15th plan is	This 5-year interim plan sets the goal about the generation, and distribution of hydroelectricity in Nepal which is directly related to this project.

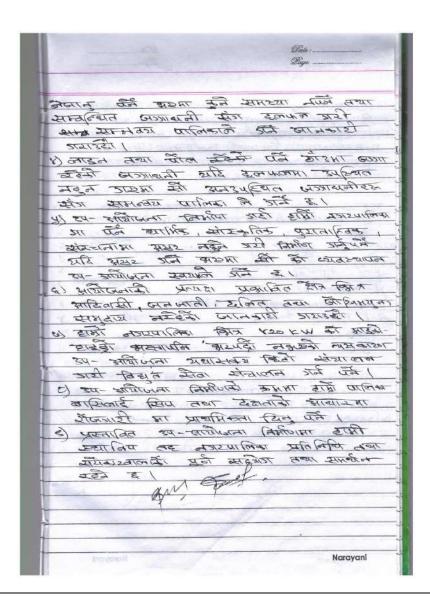
		be regarded as a fundamental criterion for determining the groups to which the provisions of this Convention apply. The use of the term people in this Convention shall not be construed as having any implications as regards the rights which may attach to the term under international law.	
15.	ILO 169	The main objective of this convention is to secure the rights of indigenous, and tribal people along with the gender equality, and non-discrimination of workers during work. Article 1 on the First Part of this convention mainly focused on the following points: (a) the social, cultural, and economic conditions of tribal peoples in independent countries differentiate from other parts of the national community, and their status is managed fully or partially by their customs or traditions or by special laws or regulations; (b) peoples in independent countries who are regarded as indigenous on account of their descent from the populations which inhabited the country, or a geographical region to which the country belongs, at the time of conquest or colonization or the establishment of present state boundaries, and who, irrespective of their legal status, retain some or all of their own social, economic, cultural, and political institutions. • Self-identification as indigenous or tribal shall	Nepal is the part of ILO convention that's why ILO 169 should strictly follow during construction, and implementation of any types
14.	United Nations Framework Convention on Climate Change (UNFCCC), 1992	UNFCCC, Signatories: 165. Parties: 195. (1), Article (4), commitment (f) states climate change considerations into account, to the extent feasible, in their relevant social, economic, and environmental policies, and actions, and employ appropriate methods, for example, impact assessments, formulated, and determined nationally, to minimize adverse effects on the economy, on public health, and the quality of the environment, of Subprojects or measures undertaken by them to mitigate or adapt to climate change. After it entered into force on 21 March 1994, it mandates the individual state for prioritization of resource conservation with development.	The goal of this project is to replace the traditional form of energy with clean energy i.e., electricity which ultimately reduces air pollution, and smoke.
		to make the distribution system effective, and reliable to increase energy efficiency, and increase power consumption by expanding access to electricity by formulating the required policies:	

	Management Framework	instruments, methodologies, procedure and responsibilities during the project cycle. NEA and the project partners shall apply during design and development of the sub-projects in order to comply with the Government of Nepal E&S regulations and the Financiers' standards on E&S assessment and management, Involuntary Resettlement, Indigenous People, Gender, etc.).	identify issues and recommending appropriate practical augmentation/ mitigation measures
17.	Environmental and Social Policy (ESP)	 This policy speaks for the mandatory E&S requirements for each Project like, screening, DDR, E&S Assessment, ESMP, ESMF, Information Disclosure, Consultation and Monitoring and Evaluation. 	Mandatory requirement for ESMP study
18.	Environmental and Social Standards of AIIB	 Three associated mandatory environmental and social standards (ESSs) set out more detailed environmental and social requirements relating to the ESMP 	ESMP requirement

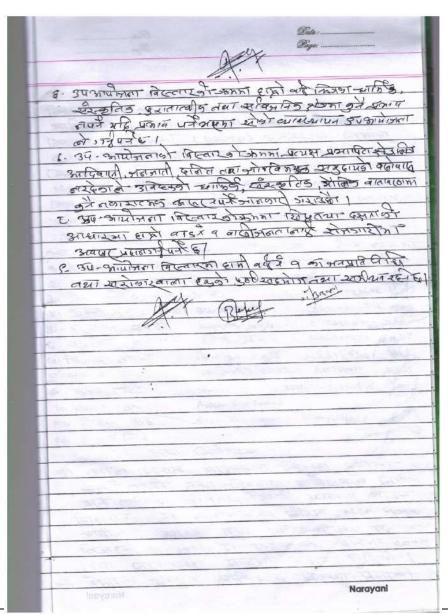
¹¹ https://www.aiib.org/en/policiesstrategies/download/environmentframework/20160226043633542.pdf

Annex 5: CONSULATATION MEETING MINUTES



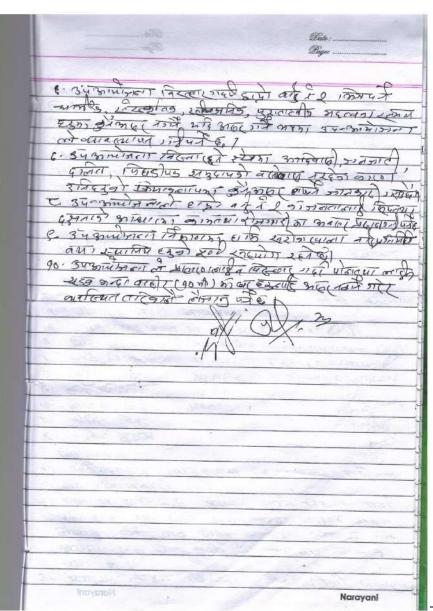


अानामि से 2068109 194 अलेकादित भूग जिह्ना हायाताथरारा कार्याहिता वार देव आ नेपाल विश्वत प्राधिकर्वा वित्रका महणती रत्योक्नी तथा पिट्लार आयोजता (DSUEP) अक्तरात निमान हराम्प्रेटिकी अलाहीका । (तिम्हारी विस्टा) देव कार्यानाता अलाग्य तिमान इनारियरे ने विद्युत प्रधायां नार् ने विस्तार के अन्ना प्रमुक्त श्ताकार कायकार के लिए भारत प्राताली व्या वातावर किए प्रभाव का स्टान्वायम हामि स्टानारवहा स्थामिष्ट वर्ष प्रतिनिधी तथा आणीनतावा उपल्यत विवाहरू वित्य तपश्चिमानाता of word and Eason toret 34 TEAR ties out 6211611 फोन र 9 त्यों के कितात दायाताया में के के अक्रांस 9 एट प्रमुश्हर 9 मित्रराज्ञ कडल " asion wind STETZ424 KT BUYLL 5. Brante 8 अमारिट nord 4964 8 399 98 4 80 · 5080384922 1 र महिंही भर NEREC & 21019 KE 6 4000-0-9 इन्डिंग वरा विनामहर 9. आयोजनावार अपंदियत क्लिक्ड दारा आयोजनाका बारेमा जानकारी अवज्ञत अभी 2. यह उपनायीमाता प्राथाया प्रमाया विस्तार गरि क्रिकिना करा शा ध्रिम्यता अञ्चालित हाह्येगरे रे लेलान पर्ने बित निजी मार्गावार त्मेनारा पर्ने अएमा खेतको आहि वो केउवाद तेनाहा प्रमेह। 8. शिव पातारकालाचीन विकित्ताका वार लेलावयाँ आरमायामि क्रें परे नपत्रे आरो अन्वात्वात ज्ञाशान थ्या वाहने स्माव्या मने है। ४ नारीन तथा पोत्रवहते क्षेत्रका काराजा धानिहत्र हालाक्लामा आनुपरिवाधिनका वा उपकार्यमानाका वारेमा मानवारी अवनाता मणमा वर्षिते स्माववय असे मातकारी अवाडिंग । 2. Eldo 2 cellar succorrect , mortakend sun ain vos हर्ग महाउपकाषी नाम ने व्यावित्रत्ये मात्र तथा पोडा 21150 4267 Naravani

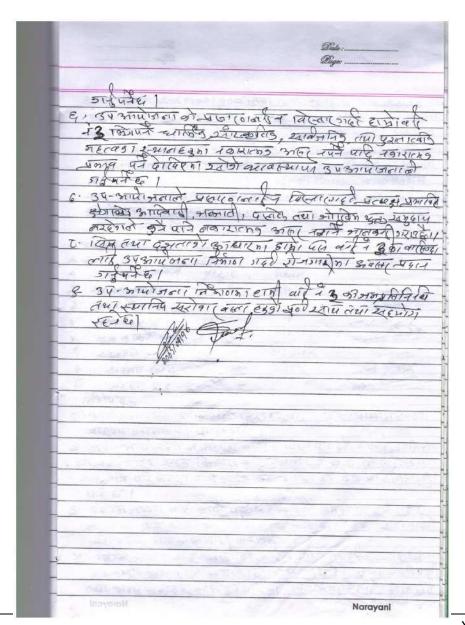


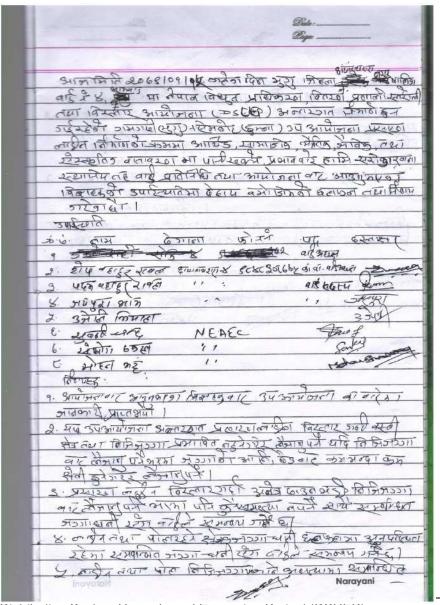
Distribution System Upgrade and Expansion Project (DSUEP)

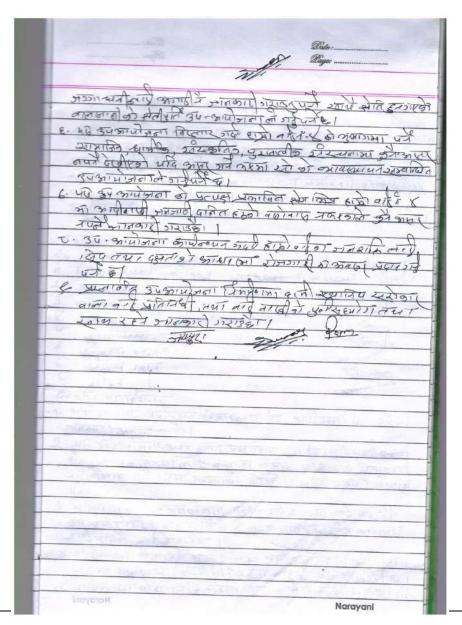
उपान निर्म 2068 109 192 उपने निर्म अरा मिहता क वार्ष 2 भा लेपालाविष्टत प्रााधिका , वितादाप्रमाला उत्तरे तथा बिल्ला आयोगता (25067) में विद्या अर्थकारो कामा परी एक शामात कामा के का मार् तथा बातावा (1014 अस्त को बादेश आग्र अवस्ताव) उपरिवत विकास तथा हलाक द्यालिय स्ट्रिकार्य कार् मार्मिय हरूने त्यारान भाउला हन अलार जिल्म डारेकाला। 3 u la que ELIZETAMA-Y SKATER SCHERGYRAY 2 Gran factor 2 ZIGGE TOTALIS ZULLING - EN SUSSPYCEY Encire sanons 11 REVECTIVES ा द्वारामार्ड एवक् माड NEASE Social ogist E 2300 -2002 4 केराइन छाड़े For Ihr Assor C क्येंग्रा उन्हाल Aso. Env. Analyst TAGUET a. अम्पेन्नामा ए अम्बुकरन विकाद्वार आमीमहाद्वारी 7771911 300000 HUT 9. का प्रावाले अला (कार्) न विस्ता (कार्र) विका माका तथा थर भीरपहालाई आंगाउन प्रति पाद निर्हाम्या वर ले मानपरी करमा कारान केर लगा आमिक केरान परिहा 3. मिकिमा बाद पाने अपाला लारीन विरता (गद्री के क्षेत्र हरेंग्रेर लामादी की प्रथ मपने लगा अम्बारियल माञ्चा थाने थ्या यमन्यप्र वाहिन गरिस्। 4- इत्यात्री अपर्दित्त पति। उपाणी विश्वात्री वार्त्या आवतार 6/7/2) 21001 al 18 2 100 4 18 a 27004 11-01 त्र त्याचेत्र (बिर्नार गर्ग अम्बार्गित माग अमिस्टार अन्ति म मारतकार भारतक पर्नेष श्राच्ये वालालात लाया करण श्रमहर अएका सर्व केलि प्रति उपकार्म जलाती अपत्रका अस्ति प्रा



TEXENDED TUI उत्तान किसे 2068 109 188 अलेग दिम असी मिहला के क्षा वर् दे 3, जानारीना वेपाल विस्त्र आखेवात। वितरका MELLEN JEWY (JANE) LANGE LENE (JULY MELLEN) MELLEN ालिकार इन मार्टिको जामार (स्मा)- । विम्नो (इम्ला) उप-आयोजन। विकाल के अन्ता भारत मार्वेड वातावरानिय, आर्थेड, स्वानिड त्या क्रांट्य तिया, पारीख्या प्रणाव व रे हाक रत्योका बाला। उत्यानिपत्र गाँद अति सिवि वसा आयोजना वर् उपल्यान बिज ब्रिल पेहाप नमोक्रिको कलाञ्चा तथा विवापमारिकार। SUR-UN कोतन x3.6. 0117 631101 रे स्व वहार्रे केंद्र हाराबाय र वहारावा प्रकारता दि मार्क्टर दावल BI T SCECZGOSSQ To वीच्याम विक 11-4 GI PE D SCEECKERAL GELLE 2500 ei - 4 SUST \$0000 Jan + NEAEC 41601 916 STENOSONE TONO 2,609 105 छलाजवात्या निर्वापन्य -9. आयोजतावार उपस्थित विकास्क्रवर आयोजनताक वारेमा मानकार अवगत अया। 2. यह उपक्रायोजाता अन्तरात प्रात्वाहारम् विस्ताराहो वस्ती तथा विक्रिका हुआतीन प्रातिन कार्यान परि निक्रिका वर लाल परे भागा माञ्चाको आजी अधना हेड कार लेमान परि 3. बि निज्ञा बाट लक्जी महर्र भ्रमा पति कुर्व्यम्या लहतेत्या कम् श्रेति होतारे लेजात्या है याथे ज्ञाबारिस रहेत वारिक रहमाठव प गर्ने मानकारी जानाउना 1 KIMBOS FIBICCTCI BKG ESTATOS TRA TOTALEN S अत्यानिया रहेका स्वामकारका त अञ्चल धाने हरू मानकारी ज्यादमें तथा अल्ला कारी भामिका बाली गर्नेस्। र लापेन लया पोल मिल्रिमाञासार विस्तार हो अवस्था अर्थाण्येत अला स्थानिकार काला में मातकार् गराडन परिष यार्थ बार्बिस्की तथा क्रान्य के तिलाका उप-क्रायकातार्थे ज्याकाता

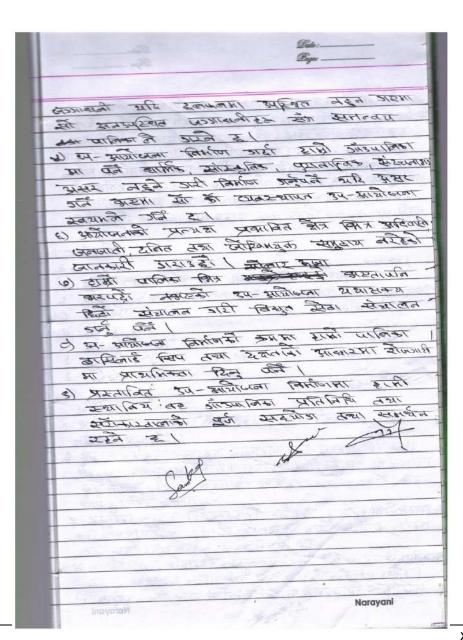






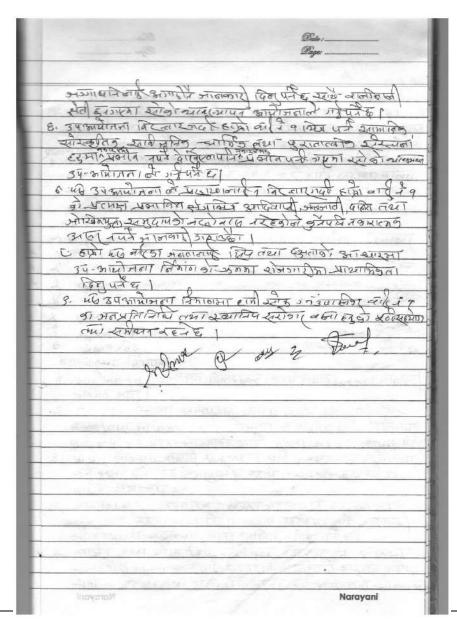
Distribution System Upgrade and Expansion Project (DSUEP)

31 ज मिरते 2068/09/06 अले गादिल मुगा जिला। द्वार अर्थाणालेक की कार्यक प्रामुकी देशा नेपाल किएत प्राचित्रका जिल्द्रा प्रवासकी HARING CUT TO GALL STUDIE (DSUEP) STORESHE HANOT क्राण्येरहें ज्ञानार्व पूर्ण - यक्तीर क्राणी अप- भाषी मला अस्टर्गलाईन निमागाड में किलाविसामा भाकि भेवित आरि स्रामाजि रेस्कित लया अलाय (कामा पारी रक्यते प्रमावया हार्ग (मर्रादा बाह्या रखातिय तन्त्र पालिक का पहारिकारी लाया आयोगता कीलानगढ उपरियत विकाहर वेच देवाप वमोतिक acinelaur Ferry sitgians 3 uleura दिशामा एवं जीनमं ह्यलाहा। 15 is. 61/2 १ लीव बहादर शाही क्लेक्सेट ह आवा महता ९९५८३१११०० (१) 2 मूर्ण कहात्र केल्वाक क्रीक्ट प्राप्त प्राप्त इराइश्या 3 312 State 2 LIE- 99 IN STEED SCHOOLSON CON ४ लिकेन्द्र कराय्य शाही स्रोक-६ प्रथम स्टब्सक्य दुपुद्रवश्या की म स्वा सन्द NEARC Sociologist हा स्टाम ड AGE ENV. Araly. ७ संजिव सिंह : Forest Inv Aces. ८ मीक्न मुख " Forcest Pro Asso. निर्धार्ट्स . व) अत्रीयनावार जात्त्र अष्टम विवाहरूकार अप-आतीलम । फिल्ह डिल्काम बक 2) यस इप-आगोजना प्रसारण लाइन विस्तार जाती उसि क्षेत्र तथा स्विम जाम क्रम्या काहर बाट क्रियान स्टूमें, रादि निर्णि प्राप्ता क्रास् नियान सर्वे छाट्या जागाची आक्रि का है। बार ें केंग्र कार्या है। 2) प्रसारम लाइम किस्तार मही निजी प्रणाबार क्रीकान पर्क अस्मा इन्ने स्मारका मध्की त्या सम्बद्धि जाणासम् स्टेंग ह्लामल गरी सम्मत्य सम्बद्धियानम् किंडिडायक मारांड में कोंके मार्क महाक (1)

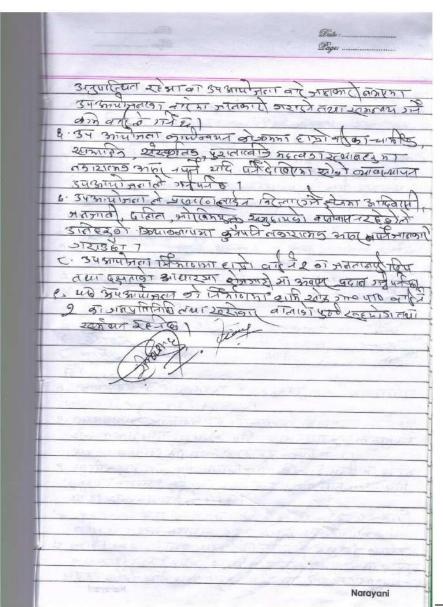


Distribution System Upgrade and Expansion Project (DSUEP)

अन्त कि ति 2068 109 100 अल्वावित ब्युश् जिह्ना क्रीह आहेताराजा मही ने प्रवत्स्था नेपाल किस्त साम्बद्धत किरान अक्षाती करारेक्स तथा निरमार आयोजाना (करा (P) अन्तरमा किमार्ग हिला महीर है को मामार मिला । (हिम कीर हिम्हा) उप मार्थ कार्या प्रकारगढाला किलागं किलाकाका भीके , में कि , आर्थिष स्तानित , श्रीयकीत तथा बाताक्यकीय मानाव गो हो कि स्रोकार वाना अव्यानिष्ट तह वार् प्रातेनित्ती तथा आयोज्या वा उपाटियत विस्टिंड को देहावमान्तिम हलकवा तथा जिलाए गरेन 34/2211 6011611 ०पद प्रोन दे ENTETT 9 (A)(456 2116) 9/3/8/19/ SC86397212 Infinit MA RUE 4664 2 MIST 502/ 602/61 17 mus Banzylarie (nix 92 4401 -4-4 NEAFC 20 min 6070 20109 100 € भोहन शरू 9. आयोजानावार उपार्यात विकालकार उप-आयोजना का वार्या 2. यह उपन्नायोमहा अन्तर्राता प्रकारवानाकी विस्तार्भका वस्ती हता एमा विक्रिका काई वन्तात क्रिये केह मार मिर्केका वाद्रतेमान पूरे भामा अवार्ण आहे अथवा केववाद कीमान के निक्तिगान वाट लाइ तको मान परेमा जी समस्या नहीं स्वार्थ कम झलिहुरेग्ये इ लेमान्यमें ह र अञ्जाद्यांने हुई रहेज स्त्रमक्वप नार् भामेना वाहेले गरेहा। र लाडीनाळ्या कालारहा क्षेत्रवा अञ्चलान हत्यक्षमा अनुपालिया रहे मा स्त्रामधार भेगाधार भेरा नहिले स्ट्रान्वप्रामे है। र कारीनतथा योहा निमि मंगा बाट आते अबह्यामा खी की

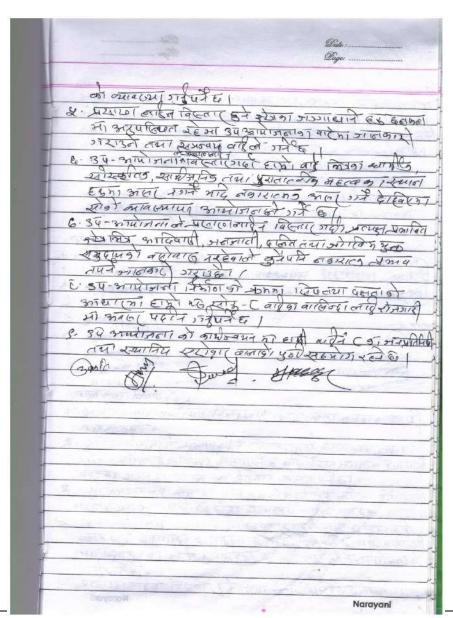


उत्तमानिति २०६९ १०१ ११९ जानेशावित भूग जिस्का रहेड जानुंपालेना वार में ? तार्थेप मां लेपाल विस्त पारिक्रा वितरवाप्रवासी. TRET IACTE SITHERT (DSUCP) SECRETA ISTAID SAS अस्माकी अर्थ - विस्कार क्रिकार क्रिकार क्रिकार के प्रस्तारका के प्रस्तारका के क्रिका अर्थ क्रिकाक्रिकाला अंतरित्र, मार्वित्र, आवित्र, व्यामाजित्र क्रिकाल कारा जाताव्यामा परि ख्वात प्रणावश नारे का हाकि उद्योगार वाहा वार प्राति कि तथा आर्यो नता । र रपरियाल प्रतिशिष्टी ह्याविन देहापवत्रीतिम के हलाइल मार्थी जिलाम अरेशा है। उपार्ट्यात 6511617 SC6062299 art me wai " 66/24 NEAFE वत्रका ल्या विकाप हैं। व, अग्योनतावा, उपरियत विस्कृत्य कापानताडा करेका नाकुका monanult/ 2. 34- आमा जावात अल्पानमा किया ता ते वरके क्षेत्र तथा तिमिक्स मार्ट्स होती है में हे मित्र हार्रात होने हा तार्ट्स होते हैं। भारका अगारि को केत्या के जात परिद्वा 8. विक्तिमाना वर लेलाहा पान की की होगरेर लगेमा कीस्तमला कहते तथा अलाधारे ही द्वार अलाप वर्तन मर्ने र विमानागावार प्रकारावापेन विस्तारादर मामा प्रहाल पे काम युद्ध हुन कार अग्रा काराकारी विकापन के यह नकी सत प्र प्रदेशकार्ग विस्तार हो क्षेत्र नागा धरिक हलाक्ष्मा

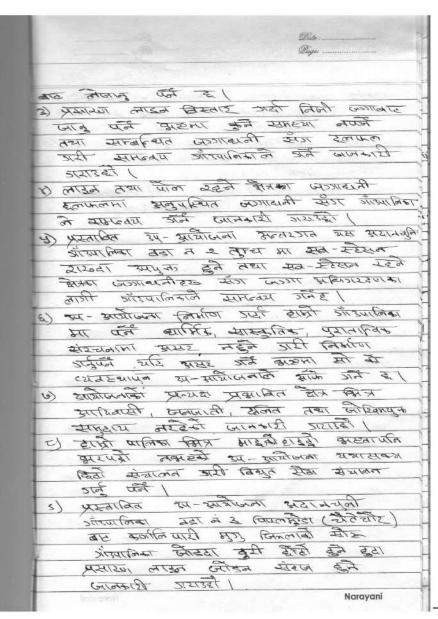


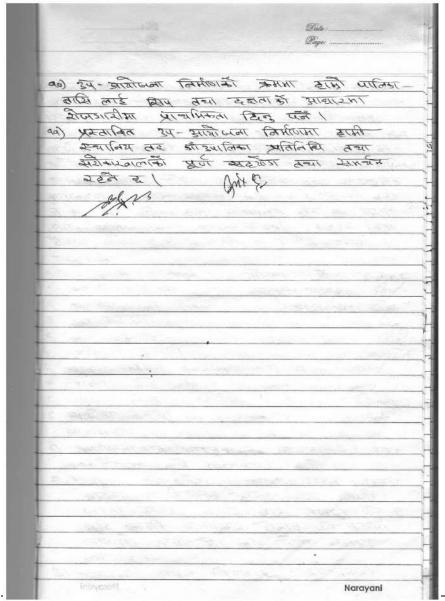
Distribution System Upgrade and Expansion Project (DSUEP)

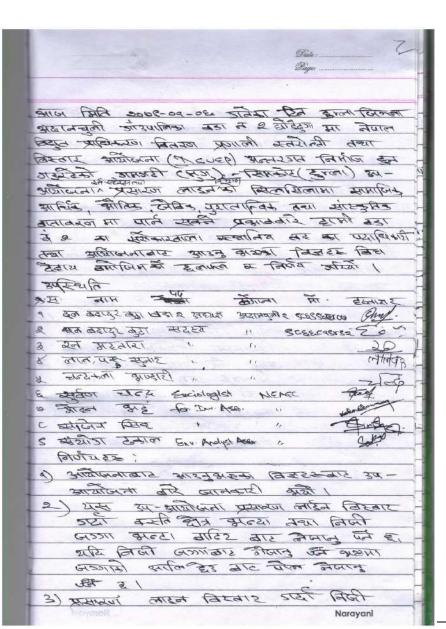
अगाजा मि ही 20681091905 लिंग पिटा माठा मिलता रेटार जाउँपालिका वर्र के ट्राणवार्या नेपाल विश्वत प्राचित्रहा विर्ण्छ। मार्की रत्योग्नी तथा विरत्ता आयोगमा (DIVEP) अन्तर्भात 12 मामाराहर किरे हे क्रिया - (6 में) कारपाट न करेडेंट्रिय के विस्ता के प्राया करें कि माना गर्म कि बाकि वार के के के का भीरीक स्टामाकि आर्थिक मेलिक स्टेस्कृतिक लेखा बालावग्रीप प्रभावता वर्रामा हार्मिस्ट्रिक्य गाला वर्रियाविमिक तथा आर्याना को विकाहरको उपरित्यातिका तपक्रिक्यात्व के इहाप्रम गा। हिलाप जोगाना 3412-2110 जीन के अंधे. लाभ 63,16/1 FERRY! असंड वह रायते थेरेट ट mensi Duy 2 HADAI 918 43-C 2191-4 2 manificant 300d 11 × 4181 9827274 4 45 5 B NEDER 1100 mg 6 अमिन । सर् HIEA 21.3 9. आर्यामनावार उपस्टिश्त विस्टिश्वर उप-आर्योमनाश वारेमा आरतकारी प्राप्त भया। 2.34-आयोगला में प्रखालां नाहन विस्ता मही वस्ती, मिनिन्ना मा अपर्ने होर स्टिंड किलारा कार लेकाम पर्ने करि ति किलारा वादनाने पर्ने शरहा पाने अकाको आहिता देड बार लेनान 9. कि.मि.माजा बाट लाम पर्ने भरता पाने अमरे ति हरे गरि का गादा क्षेत्र रदमात्मा बहरे सामे मामाना हिन रही। नाहली अस्मार प्राचाम नाहालार गराउद्या 1 स्र विति भागा कर अविविकारी वित्तावादी अशाहा हरकार कारा के माराकारी आरावन परी है तथा कली नहीं त्यां अन्य क्रमहरू ने महा गर्मा उप आयोजताले के कि भी Narayani



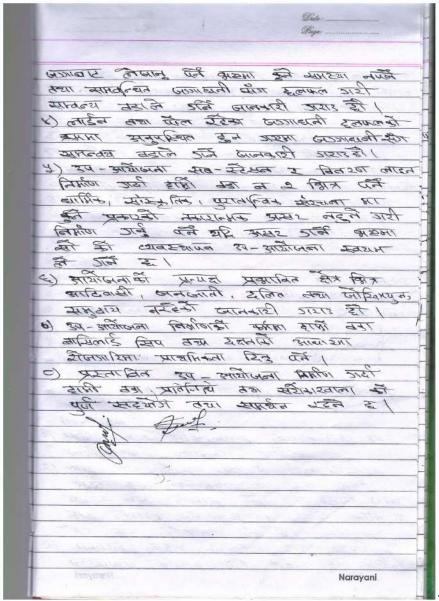
आज मिति 2008-09-08 उतिका दिन दुम्ला जिम्हा अद्यामयुकी जाउवपक्रिका औरवपक्रिकाकी सार्यात्मा सीतार मा जेपाल विद्युत प्राधिकरण वितरण प्रवासी क्येंडीक्सी तथा विस्तार शांबीक्स () ८ ०६०) अल्परमात लिमांवा दूत अहरहें हो ग्रामगडी (मुग्) - विमन्तित (इन्ला) ३व-आयोजना क्रमायण ताइयोक म्हिलिमिलामा सामाजिक, आर्थिक, क्रीतिर, ट्याउड, प्रायात्मेड तथा संस्कृतिर जातावरण कारंक मिल मिला मिला के के का मालिसका व्यक्तिसाराणा महातीत तर का प्राविकारी तथा आशासनाबार आउनु असम विज्ञार की उपस्थितिमा तपसिक समिलिमसे विर्तिष्ट्र अधिकी। 3aponta STILL ST. ETHERS TITE DE १ दल फरेंटा आया प्रस्था अस्तिमा द्वारा द्वारा 2 रूक राम ज्यानुकेत ति प्र प्र अधिका " ९८४८ ३०२६८५ प्रेम) Cu 3 क्टर्स सहयो। क्टा ने व स्मिट्स अहाममूकी पु erroscoresy and & The term to get and the strate size significant screensor fleet य विनोद बुटा स्वस्थ साखा संत्रीयत .. scr3389400 100 · Sociologist हा सर्वण यहरे NEAGE 6 STATST ZAKA ENV. ANDYE ASE. C SEVERITE FOREST INV. ASSO. ९ आहम बाह् वर देश्या याता वडा मंत्र महामा असम् व इटहादशहरक रिमिर् CHOCK ! व) आजीजनावाट आउन् अर्का विज्ञहरूकीट उप-आजीजना वारे अवज्ञत कार्या। 2) रास अप-अग्रिजनाबार प्रसारण लाहन छिरतार जारों सम्लेखेर तथा निषे जाजा करता बाहिर अशवा साइन मिगारी बाट लेलां, वह है। यह मिल दामाबय मेजाउ पर्ने असमा लाइन तथा योज जाने आणि वा है? Narayani

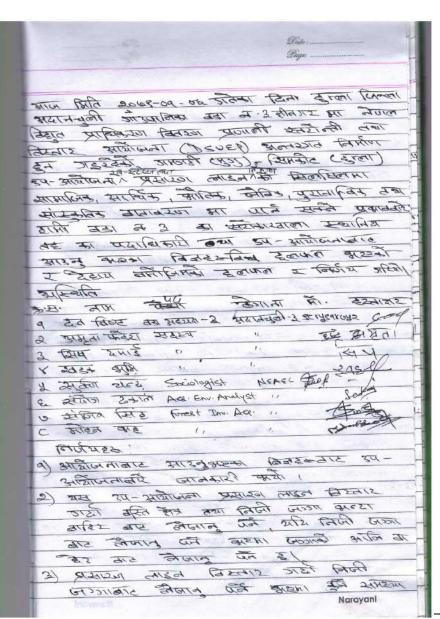






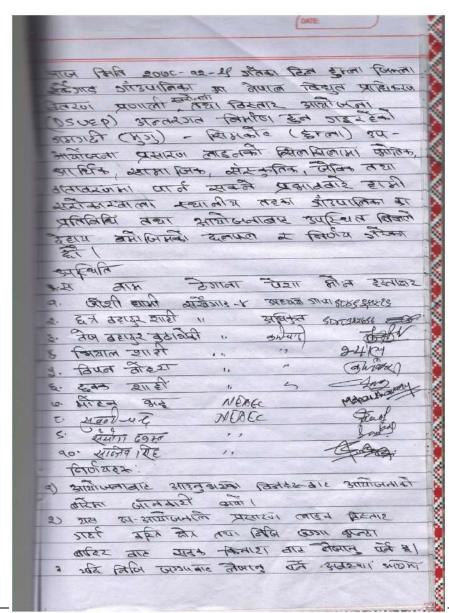
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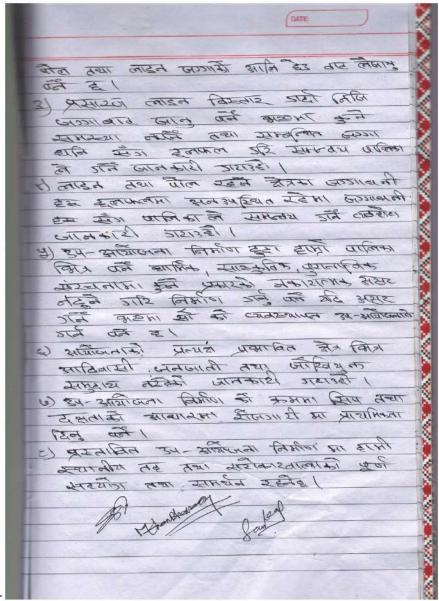


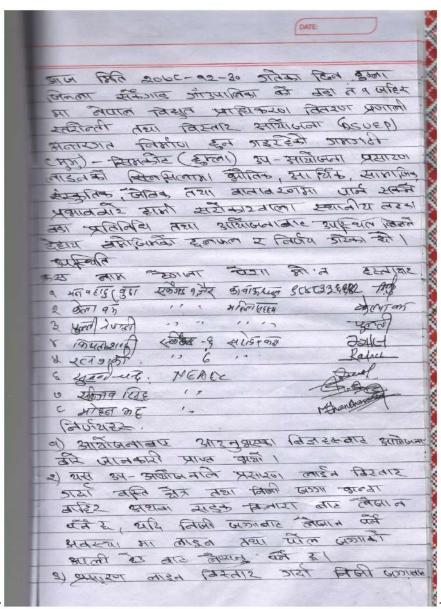
Distribution System Upgrade and Expansion Project (DSUEP)

Bek. मिडिशायक मान्यिकाम जाक रिजनमा की दीर कार्ड प्रकार की आजकारी 1551516 के जार्डेन तहा चींक पूर्व केंग्रा जान केंग्र अजावानी रहि इतिफलमा उपिकात नरून प्राथम औ उसमाय हिस जा काल्याना के स्मार समार्था नेता ते अर्बेट । 1310 किस्टी न्या लास्त्र किस्ता जारी स्ति स्याम स्ति हा है है के एक साम्मेलन प्रातामिक संस्थानामा कर्ने प्रमारकी स्थार निर्देश तर असर पर्य प्रदेश की ध्रमिश्राधन 34- आगाजन ज्यामका ज्या र क्षिर्हे महास्य प्रमास्त्र केरे आहि वासी, जनकाती, ट्राकित तहा जीविमयक सम्भाग निरंको जात्मधी गराउँ हो। ७) मस्तितित उप-अण्यांकाम अहत्यात स्व-सीम शहा सहातन्ति औरउपातिका देखा में र क्या उट्टमा मा चारवरां उपयुक्त हुने दिखिलर मांके सी जिल्ला महार मिन किया व्यापनारी: ग्राहाउदी। े द्वामि उडा वं ३ मा स्विंग आर्केश्वर्ष रहेड़ी तर ब्रायपुरी लारेट्यों ले उप-यायीपना चारी कल्दा चार्टी क्सेगलन कर उपक्रांग 1E 15215 278 है) राक्षे क्यानाधिकाई उप-आक्रांचन क्रिशालन हता क्या त्या रक्ताको ज्याबारमा क्रीजारिको स्प्रथंट प्रदान जीरमपूर्व । माड मिराक हिंगीमा सम्झ मामाराजीसाह - एड (69 माजिक के मिलार क्रिक के मिलीम एक त्यां सम्बाता, यदने है। Narayani



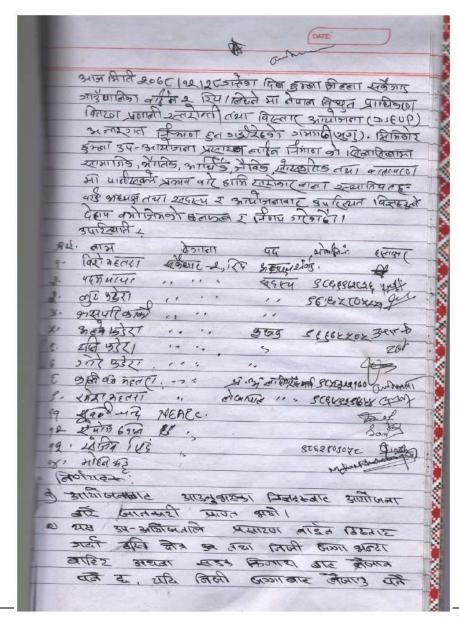
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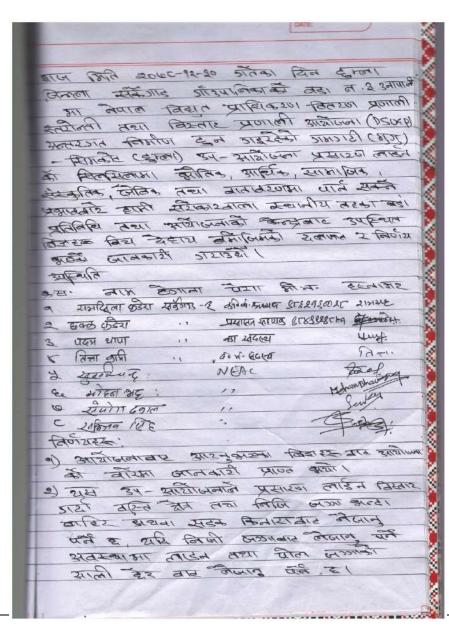


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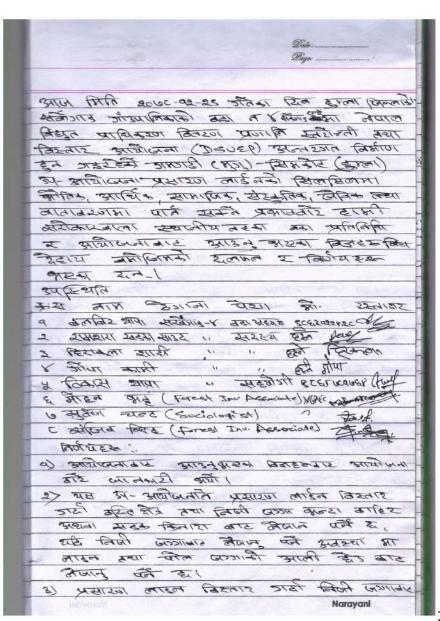
जान पत्ने असमा कर्ने समस्या नाम तथा सार्वाका के हिंह एक सम्म रिंग्ट क्यान इस कि महा महा ह्यानस्ति जाराइडीं। लाईम तथा योल रहमें ज्ञिमा प्राधानी इतापलमा अनुपर्शित चेरेमा जामा रीहर संग उड़िल समन्वरं इसी जानकारी प्राराउदी । अ- आरोपला निर्मण प्राप्ती हास्री दहा न कियागार्ष, सम्बद्धांक, स्थाप्त हिंदी क संरक्ता का इते प्रकारकी तकारामिक अखर तहते जारी निकाण जार्मपूर्म शहर प्रास्ट जर्म अस्मा सी की ट्यावस्थापन उप-सार्वाजनाति गर्भ 15 20 आयोधना प्रयत् प्रमायेत क्रीन किन आहेन जनजाती दिलित तथा छार्रिमहत्त सम्देष नरहेको जानकारो जाराउटा । ो मिसी वहामा आर्बे हार्बे वार विश्व सीवा अलाट्य बार्ड आक्रमीमा की ब्रायारी नमास्त्री उप- आक्रीलमा यशासका हिंदी मंदालन जारी विद्युत दीवा प्रदान अर्ज पर्ने। गड़ित एस मार्थ मिया रिया देशताकी आहारमा शेकारायोग प्राथमिकता चिन रही। (इ) प्रस्तावित अ-डाकांजना समीकामा इसमी उत्यानिय तर त्या स्तिनिय तथा स्टीकाश्वाला कि पूर्व सहयोग तथा सम्बंद रहेंचेही



अवस्था हा लाईन तथा कोल जागारी आली रेंड बाट लेकान पर्न है। 3) प्रसायमा लाउन विस्तार जारी विकी क्रामानार जान पर्ने ब्राटमा कर्ने समस्या न्यान तथा सम्बद्धात कामा इसमी देश र लगल गांधी समन्त्य देश के जांन स्वातकारी जयारें। M लाइन तहा योल रहेने क्रेन जाए समी इत्यापना सम्बद्धा रहेता समाधनी हर में विकास के के कार समक्त्र के का माने कि का कि थे उप- क्षावाजमा जिसाक । मार्गिक में उत्र किया पर्ने वार्षित क्यार्ट्सिक , व्यानिक संस्थता का करी प्रमास्त में माराजार असार महते उद्दी निर्माण प्रार्थिय यारि स्थर प्रार्थ अन्या सा ही ट्रायट गापन उप-आश्रीपनान अर्थ वर्ध डि। हो आर्यान्य प्रत्या प्रकामित केन किए आरिनारी व्यत्याती, द्रानित , तथा काविभयुक समुस्य वरदेसे द्यालकारी अध्यक्ती। ा हाली बसामा भाइक्री शहरी अस विश्त सेना द्यालद्य मुद्द साध्यामा सेंग भारती विश्वकित य- मार्गिका यशस्त्र दिले व्यंत्रालन गरी विद्युत स्वेता प्रदान गर्न पर्न । ा स- आशाकामा लिमाणको क्रम्मा सिव त्या उसताकी आहारमा केंग्राटिका प्राथमिता चिन पन 5) प्रतानित ३५ आजांका निर्माणमा द्वारी स्वानीय तह बार्ड प्रतिविधि तथा स्टीश्वाबालारी स्कि सहयोग त्या समर्गन रहते है।



असारण लांडन विस्तार जारन सिर्फ कामार सेंजाम पर्ने असमा दुने समक्या न्याने तथा कारमास विस् कार कार किलायमा निर्मा करा तडाने जर्म जामकाकी जाराउदी। लाइन तकार यांल रहेन द्वारका काजावानी इलफलामा अनुष्टिस चेटमा क्राल्स्सी द्वा वडाले समन्वयं जीन जानकाशी जाराउद्देश। । उप-इसक्रीक्षमा मिर्माण ठाढी हासी अहा म 3 बिस वर्ज बार्मिक सोहरुति , प्राताविक संख्यामा इत विन किसिमेरी नामायात्मक असर नहीं जारी निर्माण अनुएमें ग्रीट सप्तर राम अहमा की की ट्रायम्यापन अ-अजीजना इत्याभेले डार्न देते देते इ) आक्रीलमाडी प्रत्याक्ष प्रकामित देश मित्र ब्रिक्त , बनवाती , उत्ति वासी तरा क्रिश्यक संगुदाय अरहेकी खानकारी जाराहरी। े काम त्यामा हरता मार्डिसी इसे विश्वात सीवा प्राप्त मुखरेरेचे द की केंग्र कीर विक्याभिका सरहेकील इय-आक्रांक्या हिंदी संगालन प्राप्टी अविद्युत दीवा प्रदाव गोल वर्ने । s) इप - क्राप्टालनार्डे। निर्माणकी क्रममा हाम्रो उडाउ। विभागाउँ विकास मारा प्रस्ति हाताकी काइए उनकड़ मिला क्रिश्चार प्रदान जारितवते । डे प्रमतानित ३५- झालाजा निर्माणामा हासी वडा मतिनिहा र सर्वेश्याला संबेश पूर्व सहयोग र सहराम रहेनेट्र।

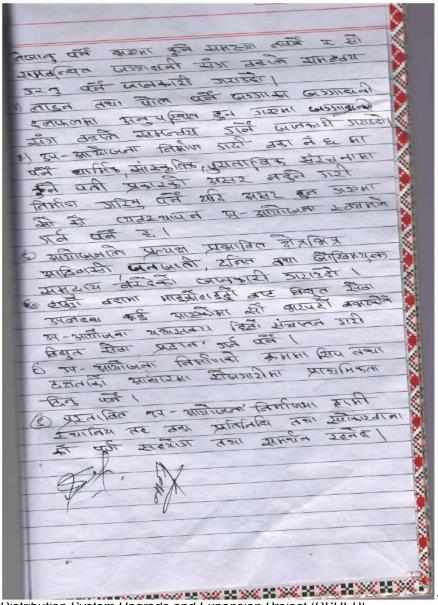


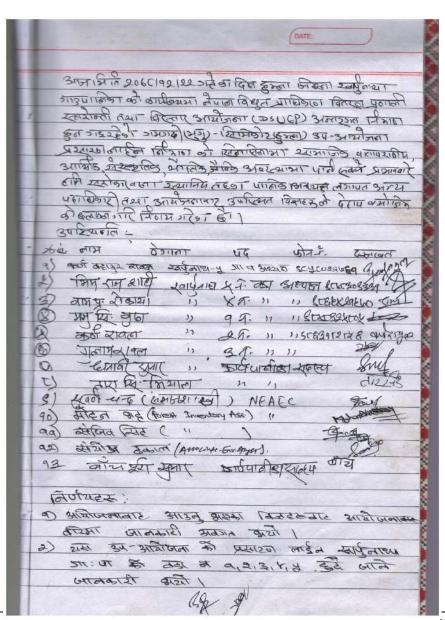
जान की असा उन सारका कार्न तथा मार्वाच्या लागा डानी ज्या इत्तपन गाउ । किशास के मान केर केर केर केरा में मिकारक तरहीं निर्दे लीक प्रका परामक इलफलमा उत्पूर्णित उद्देश द्यादान रेटे से उदाले सामन्त्रा जाने जानकारी जाराउदी। य) य- आयोजना निर्माण गरी मही महान ४ किए परामिक सार्थिक एडामिक संरक्षा मा इते प्रकरकी कारणम् असर बद्दे असी निर्माण अर्नुवर्ने अर अस्ट अले अस्मा सी है। ट्यार आपन उप-आजीजनी रार्ट प्रेंड है। ८) आयोजनाडी प्रभव प्रशासित होते नित्र आहिवासी, जनजाती, राजित तथा जाविमायक । कि हायर दिस्ताम निर्देश प्राप्त हैं। ७) दाकी वडाका भाडकी राडकी काट विश्व सेवा उपलब्बा अर्ड आर्ट्सामा सी मरपदी क्साइमेरी उप-साराज्या श्रास्त्य विदे संवालत गरी विद्युत सीटा प्रदान गर्ने वर्ते। ८) य- आको जम निर्माणकी क्रममा सिप तथा मन्मानम् महिल्लाहर्षे अवारमा हिल पर्दी। ९) प्रसाविव ३५-३ मंत्रोत्समा मिर्माणमा रामी स्मानिय तद वना प्रातिकी तथा सरोकारवाला की पूर्ण सहियांत्र तथा अमर्थन रहने दा।

काल मिति २७७९-०१-०२ भेताका दिल द्वाला जिलाला स्वार जाउपालिकाकी वसा लंभ कीरी आ त्याल क्यात प्राधिकरत वित्या प्रवाली क्लीर्यंत्री त्या विस्तार सार्याज्या (DSUEP) अस्तरमातं निर्माटा दुन शहरदेवी गामगडी. मुग्न)- सिम्बेट (इल्ला) उप-सामिक्स प्रसारण मार्डेनकी विकासिलामा क्यातिक, आर्थिक सामाजिक स्तेयक्ति , क्विन तथा असाखरणाहा पार्क एक्स प्रवासकार हाम सराकारकाला स्वासीय सरवी उसकी प्रतिनिधि तत्रा बेर्ज़ देखी अरिय अरिय आशिदलाका किनदेश विश श्लापल २ देशा । इ क्षिण प्रतिन क्षिणिक 3012 वाति डिहामड के में गड़के मारड AIN AIN व भी कर्त मंग बाही पड़ा पुराम् र व वड़ा में में ।। सक्ता , 2 की मामदेव शाही 205002115 3 67 2950 9 2118) " A " " .. CE x 6) 200 961 न भी मेंत्र के ब्राही न्यामिस महागढ़ 9868342694 र्ने Ce. डेरी खूकर पत् : NEAGE ७ अहर भड़ C 214/17 6920 BOTUEZA: a) उट्टेलार क्वलाइक्टा विस्ट्रिकार आहाला वार्ट जानकारी प्राप्त कारो। शे श्रम ३५- आर्थाजनमाले - प्रसायन लाइन विस्तार जादी उस्त क्रिक तथा विकि जाजा सरहरा कारिर अश्वाता संबंध किलारा वाट लेकाल पर्ल है। हारि निर्द्धी विकास कीवाय की उत्तर शा मा लाउन तथा यान जामा मार्थि देह बात विद्याम् प्रति है।

श्रिसारण लाउन जडान जारी मिजी अज्ञातार लेकल पूर्व कार्या क्रिक सम्बा अवह करा समान सम्बन्धित जागाधनी देंग हालपल र साम्बन्ध क्टिक अर्ज जानकारी आराइकी । । मार्क मार्क किंग महि लाग महा कहाति। अत्रथिताय देन शक्ता विशावायी सेश बडाल सामहत्रश अर्थ सामनाही आराउदा । रि प्र क रहा मिल्ड किर जिसेकी मिलाई कर में वर्ने द्वामिक सार्वेशकिं, सार्वेशकिं, प्रामाहवर क्षेरनामामा केंत्र एमी प्रकारकी संस्ट नहीं प्रशी किसीया अधिन वर्ति स्टिश द्वार द्वा अस्ता की की ट्रांतरकापन उप-अभिवास क्रांत्रका 13 POD क्षाक्रास्त्र मार्का प्रकातित ज्ञान कार्या अवस्थित व्यवस्ती हित्त तथा कि वियस समुराय निके क्तानम्य जाराउँको। W करती वहामा प्रथ एक क्षेत्र त्याविस्त मामीलमा अर्थ कराई र साथ। मा विस्त स्था प्रशत मारिरहेरी र सेंग सिमा विकासिको नरेटरीने भी उप-आगोजना, दिती संज्ञानन गरी विवृत खेवा प्रहान जरिन पर्ने। ८) इप-आयोजना के क्रिकेट के समा सिप तथा काइम उपकड़ मिला मित्रासमार्ट । मात्राकार विकास काराज अस्नियंकी । ड) प्रस्तावत उप-सायोजना निर्माणका हामी देवा प्रतिनिव र सरेकाखाला सकते पूर्ण सरकोग र अमर्शन रहेनेचा ।

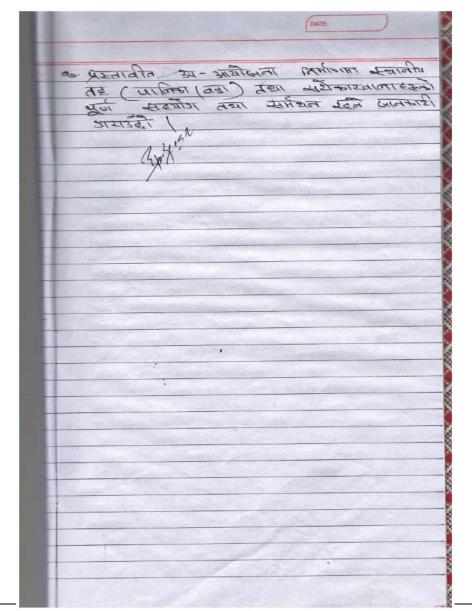
31/4 18Th 2008-09/025Thay TEM 3 roll Commit इस्केंगाड आँड्य प्लिकाकों तहा मंहनाई मा लेपाल विद्युत अविवक्त वितरण प्रवासी स्तर्राहती त्रशा विस्तार आश्रीकाम (१५७६) स्वायात लिम्सीण दुन अइरहेर्ने असग्री (म्य) - सिमनीर द्वाला) अप-आशिक्ता प्रथाएका कार्डनकी सिल्डिया मा क्यातिक साहार सामाजन संदर्भनेड अभिक्त तथा बरायरमा पार्व सम्में प्रमासीह क्रिक्रिय ।उस त्या हिनाइक लगाउँ विराड र आशियमीकार साउन क्रायन विस्टान यहाथ क्रिक्टिंग हे लामकड़ हिमाजीसिक छाइड 34 Fail अप्राच्या के में के मारक क्वरने बुहार्गी अर्केगार-६ वाडा अल्पन्न होते खाडकी quality 21662 2 २०५६19 96174/05/ 3 २५ गमली शाकी 8 ANTHON DEILLOW NEACC of years ६ महर महर कामड लाहांड व ट संक्रिय सिंद डक्पन तथा निर्धायहरू व) अधिकानावाद आउन वास्त्र विवादकवात आश्रीजनाबारे जानवारी प्राप्त अश्री। 2) रास उप-अधिराज्य म्यारण लाडन विस्तार शही यहित दीन तथा निकि काम अल्या बाह्र अल्खा सबर विभारावार किसान वर्न है यहि बिली अमाबार लीजान पत्ते क्रममा लाइन तथा वील व्यानी आली ेहर बाट नेवान की दी 3) मसाद्या लाइम अहाम गरी





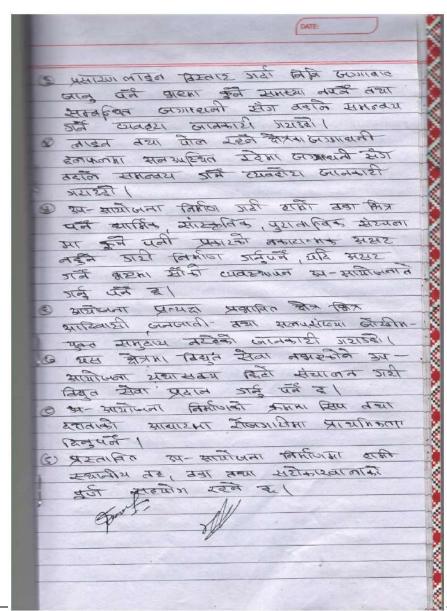
Distribution System Upgrade and Expansion Project (DSUEP)

DATE: 3 यस अ- अशिजनाकी प्रस्टन नाइने विस्तार मदा वहित अत्रमलक्षरम् वाहिर अविवासमा व्यक्तिलाई असर नाम प्रेरेर सारी निर्म प्राण बार नेवात् प्रमें अस्मा लाहेन तथा वोल कामानी आलि देंड तहा हाल समिर्टे में साउ किमार वास क्रियास राष्ट्री हमे। ४. विश्व लाईम विस्तार गरी मिल लागावार जान वर्न मरमा प्रति इसे समस्या Per roung The thesicon 1155 Pets समन्त्रम पालिका। उदा की उसि जानमारी गराउँद्या । म द्वाफलमा अन्यहिशति रहन् अस्ता तथा लाईन तथा बील उसी खामा खिन सैंग वार्मिक होट प्रमानिक केरिक विश्व विकास असा उद्दी । इ. उप - आर्थाजना विस्तालको नर्ममा क्रिय तका विकात की आबारमा रेनाजीयलाई जारावता दिन 1 100 ७ प्रस्तावित अप-अग्योजना तिमाण प्राप्ता शहा पालिका क्रिक्र स्वीगड तर कि प्यातान्वक संख्याहरूमा कर्ने प्रकारकी असर नर्म जारी निर्माण अरिन वर्नेष्ट यदि अस्ट देने अन्यामा अ- साराजनाने उलित व्यवस्थायम जाने वर्ते द्। ट आर्थालनबार प्रत्येत प्रकावित स्त्रकार आहिवासि जनजाती तथा जोविषय्त सम्बाध मरहेकी जालकारी जारावें। 1 उन्हें दिहा सिहा मार्स छ कार्ड ? विद्युत आर्पति आइराखेकीका असी अरपूरी मंग्रस्तीले उप-साशिक्षमा थशास्त्रम नाही सर गरी वियुत सीरा भेराजन मर्गानी

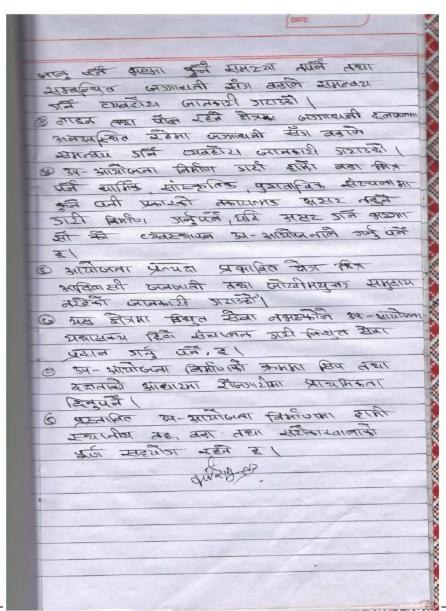


Distribution System Upgrade and Expansion Project (DSUEP)

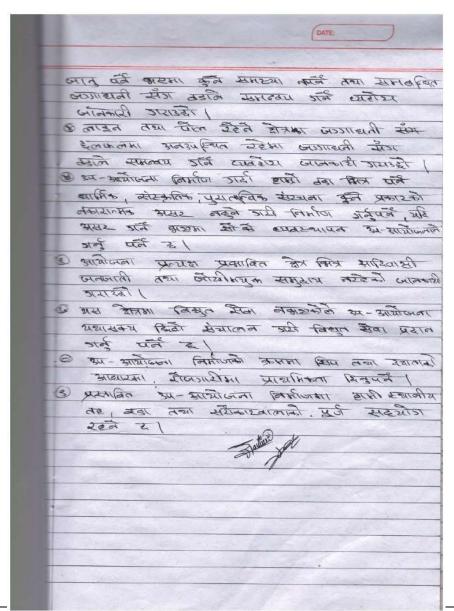
भारत जिति २०७८- १२-२७ हिने प्र दिल हम्मा प्रिक्ता अप्ताथ आंडपालका वडा म व नानी मा मेपान उस्त प्राचित्रका वितरण प्रणाली दस्तीनती तथा विस्तार आयोजना (DSUED) महत्रात मिर्माण इन महरहेकी आमगडी (मुम्) - सिमकोर (इल्लो) उप अश्चितना प्रसाद्या माइनकी सिनिधनमा मोतिक, आर्थिक, सामाजिक, संस्कृतिक, जिलक तया वातपरणमा पार्म यांकी प्रवाववार हामी स्रोकारवाला स्वामीय तर वहा अस्यक तथा अन्य पदास्तिकारी र आसी जानात उपरिचल विक्रस्ट सहित देहारा देमिलिमको दलपल गरी । फिरीए मंग्नी 30 R210 डिगामा मा न हताहार AIR a) बदा सहस्रत मान सिंह बुहा सार्युमाय-प बटारदेशपुर रे हत्ते अण्य सदस्य भूट्य किर् GAORCE न्ययस्य हत्ववता वनमे CASTO . ४ सवस्य अरलाक जारी Acres y , " * X 1902 sedecoderd Brown BIR KETH (OSA UNIT) 3 & Society Harder To MEACL SCS4808098 Fort C Envaraget 274751 Casim " SCXDZ988K 849 (IF Inventory Associate) Histor DE PELSKOPOXE TINO (नर्जाय र क (१) आशीकनावार आरम्भूष्ठाचे विवहरूवार सामीका वार ध्यानकारी प्राप्त असी। @ श्रक उप-अधिकताले प्रदाखा लाउन विस्तार उद्दी उदित श्रीत्र तथा तिजी जाउर महि बाहिर बाट लेलानू वर्म रह। शिंह निलि क्यानि नेवानुपर्ने हेस्ड गामा साइन तथा पीक कामार्के आसी देउ मह लेखान पर्ने 13



आप अपि 2005-92-28 जातेका दिल कुम्ला जिल्ला व्यक्तिशा भाउपालिका तदा में र शाली मा त्याल विश्वत प्राविक्रण विवश्ण प्रणाली श्तरोत्तरी तथा विस्तार आयोजना (DSUEP) अंकरगत विमाण इत अवरहेकी आमारि (मण्) - (समकीट (दुन्ला) अप-आश्रीजना प्रसारण लाइनकी सिलिसिलामा द्वीतिक, आर्थिक, सामाजिक अंस्कृतिक विविक्त तत्रा वीतावरणामा पार्क स्वते भक्ताववारे हामी सरोकारवाका स्वानीय तर, स्य अवस्य तथा अदय पराविकारी र आयोजनाबाट अपहेशन विसहक स्पिट्त शहायबमीजमकी दुलपल जारी निर्वाय जारिकी। अर्थित ; उक्षामुडक मं मि मारह साक अप कर व क्या अस्त्र कर्ज वस्तु रावन कार्यमा २ व्यवस्थातम वर्णिक 13176 उड़ा सरस्य अठ्ने रामुल, 2101 मा सरहा रामका रा महारा 97991rd 2190 I SociologIST iggest-11-4 NEAEC SUSPERINGS FOR En En Analyse : 29ths sonia Sexozgerts gent a Fret Inventog Associate Morro DE " STERNOSONE SIE C ATIES SIE (F. IM MANCE) CHUINETE ! अग्राजमाबार द्वाउनुस्थ्य विक्रस्थ्याट आयोजना वर्षे स्तानकारी प्राप्त कार्मे। @ ग्रस उप आक्रीलमाले प्रसादका लाइन विस्तार गर्न अस्ति क्षेत्र तथा निकी काला कारहा कारिट उत्तालक क्षेत्र द्रा प्रदे किंक कार्याकार लिलानुमार्ज अवस्थामा लगडम तथा योल जामारी आली देश बाद लेलायु पर्ने ह। ® अराया लाइन विस्तार जारी सिंव आजावाट



अगाल मिर्र 2000- 92-24 मीनेवा दिल हैम्ला जिल्ला र्खपताश्य अरेडपालिका वडा न ३ क्राया मा मेपाल विद्युत प्राविकरण वितरण प्रवाली स्तरीहती तथा (BEall 3) Milliam (DSUEP). STORENO MAHON ह्न अंड्रेड्की आसारी (मुग) - (समकीत (इंस्ला) अ-आशिष्ता प्रायण लाइनकी सिवायिका मा अस्तिक, उताहिंद, त्यामा विद संस्कृतिद स्वीवद तथा कार्याकरणमा पार्त सकते प्रकात कर है। में सरोकार-कला म्हातीय तह, तना महराक तहा अन्य पदाचिकारी र आत्री धनावाद उपिश्वन विनहरू कारत देशमंत्रिमानी हलका गरी लिए य जारियों। 34234 कस पद नाम हिमार्स मान इस्माइर 9 25 STEXE STOWN 2 POR STUTE 3 384831540 STOWN श्रमीयाव असरे प्रसाद आरमाम ॥ EIN ३ म स्टाइ र सम साही 5Tolal ४ हरा सदहर जिले कामी y (F. Inv. Alea) Theol She Es Garologist : equotient NEARC (D(Env. Analyst) Little 60017 T (Forest Inventory Associate) Home DE Colorates: D आशास्त्रावार आउनुसारका विमर्थनार आशास्त्रा वारे / फिक्क फाल किलान श्रम अ- असिवनाने प्रसारवामाहन विस्तार गर्स उकि इन्ने अवस मात्य मिन्न महर सह स्विक साइक किलार। वार लेखानु पर्ने दा यह निह (स्मावाद जेवावूदर्व अवश्यामा लाइत तथा क्षेत्र अज्ञाकी आजी वहा बाट लेजान पर्ने ह। (3) प्रसारण लाइन विस्तार गर्टी (मिक्र कारावाट



DATE: आज मिति २०७८- 92-28 जातेका दिन देखा जिल्ला करप्नाश आंखा किया वडा नं ह बिप्रा का नेवाल विश्व प्राधिकरण वितरण प्रवाली स्तरीहरी तहा विस्तार अशिजना (७५७६१) अन्तरमत निर्माण इन अडरहरी जानारी (म्म) - समनेट (इन्ला) अ- आश्रीजना प्रसारण लाइन निर्माणकी कुममा गर्मा स्थित स्वीति स्वामान स्वीति त्रिक त्र मिगड र्याह्म हिस्स हिस्स हैना म लाक्षाता स्टेकारवाला स्थानिय तह बडा अहमता तथा अल्ब पद्मिनारी र आयोजनानार उपस्तित वितर्दे सिंहल देशया मिमानी देलपान जारी निर्णात 1 65 500 उप स्थिति ड्रम मार्गार्ट मह मन अत्म हहताहार न ताम प्रश्नेत्राया स्वाप्ताच -४ तता सहस्रत दुरहस्राष्ट्रवपूर्ण रिक्री विश्विता " सरहरू न्या १८०१ १ मेर स्टार्य & Start Sid (Forest Dir. Ago.) Sceccogecy र्थ संभित्र सिंह !! (टाइश्वरव्यट निंग्स E DESTIN ZATION (NESO ENV. ANOLYSI) 188849877 CONT 10 Eddin zer 2 (Sociologist) 8069 80009 Fact विर्णयहरू . @ अधिकानावार आउन शर्म विवाहरवार आयोजन वारे जानमारी प्राप्त कारों। 2 यस उप- आक्राबनान प्रसारण लाइन मस्तार उद्धी बस्ति होत्र तथा निप्त क्रिया मुख्या कारिय बार साउन मिलाया बात केलानु पर्मे द यहि विकि जामाबर जेजानूपन स्वर्थामा लाइम तथा योल द्यानी आलि देउ वस लेवान यत है। 8) प्रसारका लाहुन विस्तार प्रायति क्रियावर

DATE जान पर्ने असमा क्री समस्या नपने तथा सम्मात जारा हामी संग तका समहवरा जाम व्यवहारा जानकारी जाराउदा । ४) उप- आशियना निर्माण उपटी द्वामी वडा मित्र की बार्सिक केरका करातिक केरवला कुल अकारको अमाराम्मक असर बहुने प्रश निर्माण अन्त्यमें यदि असर अमे असमा सी । इ की देश लिकार मह या अपनिकार के म) माईत तथा प्रेल रहते होत्रा जाणाश्रमी कर द्वपल्यमा अम उपस्थित इटेमा जागा दानी देर सँग विकाल समान्यय उसी व्यवहारा स्नाम्की जातकारी STELL 3 4.1 शिक्षामा प्रथा प्रवासित क्षेत्र कि.म सारिवाकी प्रमाती तथा क्षेत्रभाक सम्भाग नारेकी अंडिहादाट दिग्न कार्य ाकाशासक केरम विस्त दीवा नवस्ति असा मिर्टि श्वास्त्र हिटें। संदालन गरी विदात सेवा । दे हिए भारत किता हु मही प्रमाण के किला है किला है है कि किला है है कि किला है है कि किला है कि किला है कि किला है कि किला है किला । केवादरी मन्मिकार मिरिमारार्थित मिर्माइमिर S प्रस्तावित या-अधिकाला निर्माणामा द्रामी रहा कीर तह, वडा तमा सर्वकारमामाने पूर्व सहस्रोत 15 1055

DATE आज जिले २०६८ ११२ ११६ अपने का दिल हुम्ला जिस्ला खपुराय काउपालका वंश रे प्रमासाउँमा लेपाल विस्त प्राचित्रका बिराता प्रवासी असरोक्ती तथा मिला आयोहा। (350 ६१) अलाइम राज्यां मेर राज्य हे हिल्ली - एल्ड्रीकरलाट रिल्डिक हेर वि नि XCUOLOUS A THIS of DANI WINGON BUILDS, ENDINE न्याति ने विष्ठ तथा वातावाठ। मा पूर्ण वक्त प्रणाप ना हाहि रहेताव स्मामित है वाह अरुमार्ग तथा अन्य पदार्थामा र आयोजसावाद उपस्मित विकाहत राहित देशपवनो छोन्ने कला प्रकारी मिनायाली उपार्थात-वेज्युना क्रिम्यान शाही खापुरामा- वार्त भराष्ट्रा ९१४ (30824) 20664 211 to 01810 21984 8. DIT STIT GOILE E. ATTEST 216 ६ भुवर्ण चन्द्र (समाजशास्त्री) NEARC STRAFFER For 6 Gots GATH (ACCOVANISE) BEXOSTEXAS SEXT [4/80] #18 (Forest Inventor, 45+) " S द्वांकित सिंह। ") " हटहा 805022 Botuela १. इम् आयोजना कर आइन् मध्या विस्तर्रात्य आयोजनाका वारेमा जानकारो अवगत अयो १. यम उप-आग्रीजनार्ने प्रसारण लाइन बस्तार गर्दा वास्त होत्रा तथा भिर्मी अत्ता अत्या बारिट बाट कडा; सडक किसार। बाट भेजाइ, पर्ने ह, पदि मिप प्राणाबाट में जान पर्ने अवस्थात्रा माहन तथा प्रीम जाउनाकी आति देउ बाट लेजान पर्ने द्। 3. प्रसार्ग लाहन विस्तार गर्दा मिणि जन्ना वर लानुपर्वे मरमा करी श्मास्या नपन तथा शम्बन्दम प्राणा धाविहोंग द्रत्यक्रत गरि सम्बद्ध कड़ा ले अबि जानकारी अराइदी लाइन त्या पील श्हेंने धूनिका अञ्गा दानि दलपलमा -

अनुउपाछ्यात रहमा अल्ला धनिह्य सेंग वडाले अमन्वय नहीं व्यवहरा भागमारी अशाउदी 1 द. उप-आधीष्टा निर्मात। ठार्दा का ठार्मी वार्ड किन पर्ने धार्मिन, साहक तिक, पुरातानिक संरचनामा कुनैपानि शकारामम् असर मुक्त गरि मिर्माण मन्वमें यदि जसावमें भंगमा सो की व्यवस्थान 34-आगीजाते शर्मपर्मेन उनार्योध्नम। प्रत्यक्ष पुत्रावित होत्र कित्र उनादिवाही धमनाती तदा औरितप्रयुक्त अमुदाय नरहेकी जानकारी अधाउदी। क हामें वार्डमा भाइमी ठाइब्रेकार वियुत आयुर्नि अध्कीका स्ती अरपदी गत्रएकी के उप-आक्रीयना यसासकरे दिली संसालमा गरि वियुत लेका प्रद्याम गर्निपर्ने र. उप-अभिजन। किस्सार्णकी क्रममा सिप तथा ५सतानी आवास्मा रीजारीमा प्राथितमा दिनुपर्ने। भस्ताकित उप-आयोजना मित्रार्गमा हात्रि खालिए तह बाई तथा सामि। खालाकी पूर्व सहयोग शक्ते द्

DATE आज मिति २००८-१२-१६ जातेमा दुस्सा जिलला सम्महीर आउपालिकाको कार्यालयमा नेवाल विद्युत गाडिक कि दिल्य कि गाउस राज्यकी , राज्यकारी BEATE MEDICAL (DEUED) HEARTHA ANTOI दूत अवरहेको असम्ब्री (सुगु) स्थानकेव (दुरला) 34 आयोजना प्रसारणाजावन द सक. स्टेंबान निर्माणकी क्रिलाकालाका क्रीनिक, दीवक द सामक आर्थिन तथा सोस्क्रांतक बाताबरणमा पार्न सकते प्रकार हामि स्टीकार्याला स्वातीय तहका आउपाकिका अस्यक्ष तथा आयोजनावाट अपस्थत विस्ते देहार बमामिसी हलकल र निर्णय 512m1 3 उपस्थाते । PRIVER कान के दहनका 3) माज व्यार नीहरा ने में जा हेल्या के कि उट्टा कर्या के कि जा हेल्या के कि के कि \$ 48.91 HATE : ELMM & . 8. 91. EMIS; 6.3. \$101) SEECTEMSOFT अरे प्रेम व. लामा में ने का हिलाई, विकाल केड हाला उत्सामा करण किन E) An a. gid d. a. si Emzi, la. s. siai) graceacte makind (my a most) or la so imas; la g cras ा दिल ये. वृद्ध है कि प्रा. हेन्स् वि के हाला। e) filed are forest my wind 15/2 15/2 100 ad attend the forest ल्ला स्तिम चारव ड्रब्स हिम्मीन वर्के प्रमुख प्रशासिक स्टिक्त - स्ट्रिट से बाह्य ह्यामक्सा विराधहरू के आगुलका बार, आउने केंद्रश वित्र बार आगुल्लान

बारेमा जानकारी अकात वाशो । अस्तावित सबरेरसन रहेकी जाका विकि (एडस के साम शिक्ड तन (रेमान रहेकी जानकारी गराउद्दे । है। यस उप-आयोजनील प्रसारण लाइन विस्तार जारी बहित द्वीत अल्या कारिएकार जैजानुपर्न तशा अरसन मिल कारा। अमिन सहसा साहर बार जाजान्यम ह आहे मिल लाजा बार त्रवान्यते अबस्थामा लाइन तथा योल व्यक्ताकी आजी वा देउ बाद नेवादा रामी दुनी श विद्युत लाइन बिस्तार अही निकि अभावार आदुवन व्यक्ता वित उने समस्या नवन वडार क्रांट क्रिक र्या कि क्रियालक राहि या मिना । वार्ड ने अर्ज ट्यहारा जानकारी 21513511 में रियम्पामा अनेपह्रिय रहते अञ्चा प्याहम ्तका पील दरने सेत्रका जगा शिंत सेंग एकि समल्क्य अस ट्येडिंग आमराही अथार्टी 8) 34 - आर्टीकामा निर्माण प्रारी - आर्टीकामा सम्बन्धि काममा शिप्प तथा इज्ञताकी आखारमा स्थानीय अस्यानिकार सीलगारीमा प्राथमिनता । अखसर चिनु परे । ७५ प्रस्तावित उप आश्चीयमा निर्माण प्राही यस र देशा रहेका हार्मिक तथा पुरात्मिक सहत्व का संख्या तथा सावेणांवर संख्यात मा उन्ने प्रकारकी तकारात्मक अक्षर तहुनेगरी विमीण अहिनु पत्ते तथा असर दुवे अवस्था आठमा अ- आरोजनाल अस्त द्यारायन 1 3 to 1010 हा अविकास प्रकार प्रभावित केल कार्य मार्थिस े अन्याति तथा कांश्रिम यूर्ण परिवार का सम्राय

DATE क्या नरहेका धारायाचे जानकारी अशाउदी यस अमा विद्यंत आयुक्ति। सम्हा विद्यात्य मुक्रकीका उप-आयोजमा श्रासमय दिती सिंख विद्युतीय रेखा , संद्यालन अनुनी हरल लिकिका जाहम सर्हेशार आया वास तं व शिर्माला देखी नाक्येली जा पा उदा ते (अर्मेटी (भारत) व १२,३,४,४३८ तातिको हुदा ही होत्रही मार्गीत सप्टेरी रहेरी तथा गारी हिमपात द्वा अवको लाइन ताटरा सरकेबार ज्ञान्या देवे व व सर्वालां है वे अवामयूली 211-01 991 et 3'7'd 451 AN (chaule) स्में माना हुई लाउन सम्म सहस्र हुने सुक्षां मा साम क्रिकेंग गरियो क्वी प्रस्तावित उप-आयोजना निर्माणमा स्थानीय तह तथा सर्वेदारमालाहरूकी पूर्व सहयोग तथा समर्वत रहने वर्थ आसील मा प्रस्तावित क्षेत्र बह्त । जीवहरा। HAMEL 1 FIRMS FORM HAME

आज मिति २०४८ पर- २० जिला दिल दूरला जिला सम्बेट जारणालिस वहा त है मा नेपाल विद्या आखिकका, वितरण प्रणाली स्तरीहती तथा विस्तर आयोजना (०५६०१) ग्रन्स्या (स्रांण दुन गहरहेरी मारामित (मा) - सिमकेट (दुम्मा) द्य-आहेत्या प्रसारण लाइनके विलिश्लिमा ब्रोतिक विकिन द नामाप्रकार कार्विक पड़ा क्षेत्रकाम वायवकामा लास्डान्टाम मिन्ड क्रि छाहर स्मेफ दिए स्थानीथलहरू। वहा सदमस न्या साम्रोजना नार उपस्थित विज्ञाने दिहाश अमिलिमाने राजपान र निर्माय कार्डिंग 34/294/2 F 12 1101168 हते ताटला किमेत लामा मिलिकीर-03 वार्जाटम्स इटक्टरहरू = म SA FARRICANT 11- 08 AIS ATENT STRIZES 282 की अभिक्तामा ॥- वर्ष इरक्ष्य परिष्य भी शम् क्रमा वीशा 11-02 cecco6899\$ X11 1100 11 -08 शी व्यालजीत मापा की मिन जंदापुर बार्डि ।। ०८ ९८४८६१६४४४ 51 5-31130TINT 11-02 5682888882 र्भपेश ब्काल साम्ब विद STERNOSONE LUGU -CE-G Suchlashof NEACC FITER THE FOREST INVENTORY MEDICAL SCECCERCY IN Staldway GOINED: आग्राजमाबार आरम्बरम्या किर्दर बार आग्रीका वारमा जानकारी अवगत अयो। र्थ प्रस उप-आत्रोलमा प्रसारण जारूत वडा मं ३ के छीर अ-अला जाते ब्राएकोने के व्य-क्राल । क्षाति हिल्ला विकेष 3) . उप - आयोजना प्रसारण लाउनमा हाल अपलब्स

मारा मन्यार कुले जाले जिलि हार त्यामा तथा व्यास्त व अन्रतावित नहुने जामनारी प्रारहे। क्रिंग्स क्रिंग कडामाड्स मारा गएक किली १ प्रथास्त्र लिखारकी विस्तारको क्रामा आविवासी जनजाती तथा जीविश समत स्प्रायलाई कर्ने पती असर नगर्ने जानमारी अराह्ने । ४) उप- आयोजना प्रथाश्य नाइनवए की पूर्वी मिर्मा क्रिक माडित महार मार्थिक क्रिक्स रहारा दिल्ला क्रांस केरा केरा है। ह) उप- आर्रोजना निर्माण जारी किय -तथा महोताकी झालारमा इसार्वियलाई जीकाशिका Flat12 /20100 21 ७) प्रस्तावित उप-सामाधाना - निर्माणमा स्चालीय तर तथा सरी भारबाला इस्ती सहस्रोग तथा सर्वया रहते।

अग्र मित 2060 | 92 | 20 का दिन हम्ला । शहला । रामकार जालपालका बार में अको जारिक्यमा लेपाल विद्युत प्राचित्र। विताल प्रणाला क्लक्रेक्टी लक्षा विक्ला आयोजहाँ (क्राप्ट्रि) काम्प्ट्रत लिमार हताइरहे की अल्लाहिए। - विमिनार हिम्ला) उप न्यायोजना (प्रस्टाकायत) रिकाल की क्रिसामिकामा भौतिक अविक 221711 के कार्या के कार्या के कार्या के प्राचित के प्रकार के प्रकार के वारे आ हाति रामेकारवाला इ सामिश्व हर्का (वर्ष काम रहिन्छ) लाया आमी जलावम् उपादिशत विकाहर द्वारा देहाय वंशो हिंग की हताब भारि सिया भारियो। उपरिमारी-75.4. UT 9. at 9. Come of 6 targer of 12 motor - 8 SCXT 266812 - 42/ 2. NEA FUMIS 2519711 a) ETT (19472 - 2 SCE TOBS 995 X1111 W) 3. NEA- 1, 1HT 60 00 00 ST81396288 BARRI MI 8. NEA " पारसम्ही पार्ता Don ST8T 20502T 8 y. 11 1/2 राज्या अठडारी 8. 4000 ung Socialogias ST39808188 BCECCOLLEY MANDEN 6. HITET SIZ F. Inventory Areaca t. 222111 69181 de Env Analyset 30x0x96x85 3. 21 FTA ICE Forest Assistant SZERYOSOXE SEKERE CORS 90 का मुख्यामा किमकार ६ 97 किन महादूर कार्जी किल्लोंट-४ ट्राइट्याइ४४ किर्माण १२ ज्यान जीत लामा मिल्कार-४ 5181396812 99 - 3417 01515/ AIN DIXITE -8 9282382828 27 Edward Pappier ५ आयोजता बार भाउन अएका विद्राह्य वार आयोजलाक। वारे मा अवालाही अवगत मर्मा। 2. यह अप्राचीनता प्रकारा करात्रेन विस्तात् मकी लिकि मञ्जाभानपर गारी ना लामानी परेपरी अग्रान का आति मा कारी तथा पोल धर्म गरेर लेगाइ पर्में क इ. विस्ता लाजेन विस्तात् मार्बी प्रके वार्षे ४ की थीरे मुक्का बाट

DATE क्षेत्रम् भारत दे च्लिएमे हरू। उर्दे का अने उत्तरका मपने पाद रक्षा आह्ना नकारकि क्रिया उत्मावन वारित मने भारकारी गरहेका ४। लाइनलया पोल वही क्षेत्रका जामारा अतुपहिमाते यह मा वाईले स्ट्रान्यमं गत्रे मात्रकारी गराइका। 21 34-लामान्य किंगान प्रमा किंगान किंगान किंगान किंगान श्लािक दलाई आहता क्लिये ही 8.1 प्रक्तावित उपकार्याज्ञता विभावी गर्दा प्रति पार्रेत ४ को कार्या लंबा प्रात्मालकी रीयमा लंबा खारीनी के स्वर्मा हरू गा कर्म प्रवाही आसा राजे मालकारी गराउदे । 6.) भी वर्षा - ४ का आमानाहार प्राथम प्रकारिक के आविवार अवस्थाति लया मोखिनम् २५३६म् ग्रहेन वाहीरामालकार भरत्रा टा यह से अपको नाड़ा अपनापि भागती का पदी कार होते पदना कित 34- आपोनता मधाक्वम किरो यह गर्मा 3) यहला वित उपकार्यास्ता निमाठामा रूपालिय तह लेखा राहकत वालाका प्रथितहमात्रा तथा रवलेयत रहते

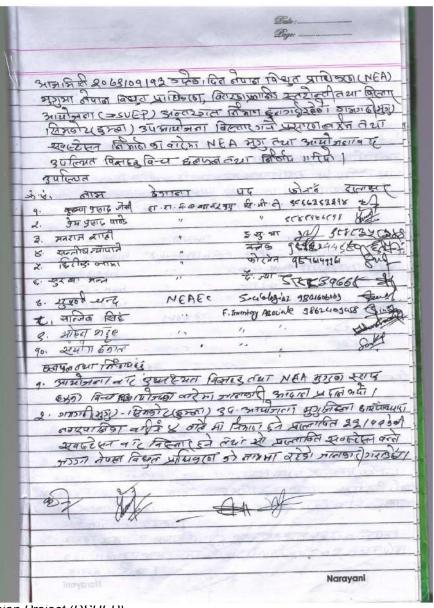
DATE आजिमारे 206 (192 198 जो का दिल हुम्ला जिस्ता मिलिडी) जार या लेका रें वर्ड मा रेयल विश्व आर के का वित्रहा प्रमाली रत्याती तथा विस्तार आयोजना (अऽ६०१) अन्तर्गत निर्माण क्रियं गहिरहे ने जारमाही (अर्थ) - रिकार हे रहा डिपला उप आर्थी प्रमा (प्रस्थाय) लाहर । खन रहेरात्र । त्रिशान । विकालियामा भीतिन मीविन इस्तामाहीड कारोड तथा क्या कारावावावावावावान प्रमालको प्रकाव वारे हारि श्रामा वाता रहातापतह ने वाहका कहा वार रक्ताम काम कामे जाता नार उपाहिता किने पेराम वर्मा जित्र वे बल्क्स र निर्मा गरेना है। उपाल्याते! 2- अर्थेन दिन वहार राजाया " STXC31XX63 2. शार्म स्मिन संक्रम · STXC39CO90 8) 2:04 Da 5164 " BSESSERSS 7) \$64 2 iam 1, 52823 == 252 ., \$282355222 A (B) 1541 miniaid dinucial 2127 . SESSGEATEG Dasi यदम्भ लोड प्रावत प्रट ४८ ३४०३ ४० ९ हमरस काकाया ecz03832 go spooler (Sociolgin) SCSA 20 6065 99 Allows Rie forest STERROCOST se subi Emin Chairm. SC80498888 92 STIEN SIE FOVENT SCEZCOERECY 98 NEA Humla TITS. avery SE & CO 68 995 7 ENEA 1' MAN SEIN 3/31 9 4 11 " VIKEHOID TEMIE दाम्या गर्डा । डा४६ ३०९०२r १. अग्रेजान वार कालन वार्ग विम हर वार आयोजनात्त वारेमा भारतकार अवज्ञलाकरा।

DATE 2. प्रस्तावील अवस्टिका बहेने मार्ग नेपाल विद्यत्थार्णन्ति। की रहेकी आ डाकारी जाराउदी। 2. 26 उपलामाजातारी प्रधावालाके हाहा याहिएको स्टेड की केउबाट लेजाव्ये में तथा भएड़ निक्ते मका मार्जित करता वाहि वार मेजाइ पर्ने विजिन्ना वार मेजार पर्ने अवस्थान लाग्निताया पोत्रभाकाको आही वी हेउवार केजाहा पर्मे। ४. वियत लाईन विस्तार गर्न तिने अञ्चा वार तमात्र प्रदि तात पने अपना अने अरहा अने ही हुने गरेर लातपने ४ कत्रणवा अनुवालियोते रहत् भूका लाडीन तया योत रहते से का निया हार प्रकार कारिया में कार्या पाकिता एक राम गर्दा राम मानवारी गराउद्गा व. उपत्रयोत्रता निकाल महा उपनायमहा क्लान्य नाम मा लिपत्या क्याताको आस्याला स्थानिस्टाई शोकामिका अस्मिति करा विद्यानी। 6. अख्यावेत उपकार्याता कियान मही महि महिमा शहेडा थाकि द्वारा पूरातात्व अट्या त्या यापनाक द्वारम हिने मा क्रेन्प्रमा को आहा बहुतेगरी जिमान गारिय परितंथा अस्टित अवस्था आएं। उपआमेराता ले उत्पत्त कार्याण C. कार्योत्रहा वर ट्रियांवरा (अटम्ब्र) क्षेत्रक्ति आप्रवाति जल्डात लियाजीतिक पूर्व परिवाद की स्कृतिम नरहें जाला कर कार इ. या केना विख्व देन मार्कोर्टी उपनामें मही प्रवादामा की यारी लिख् । मेर्स्तीम एवा यो यामा भारे में १०) आरोजहा अल्लावित के वल्ली, नामान, खादकां क व्यापा 2008 1217 ONE 121 HERGET 212136 99. प्रस्तावित उपयापामा निमाड। द्याली तह तथा एएना वस E397 2903uni LEWINCINI 413un 281

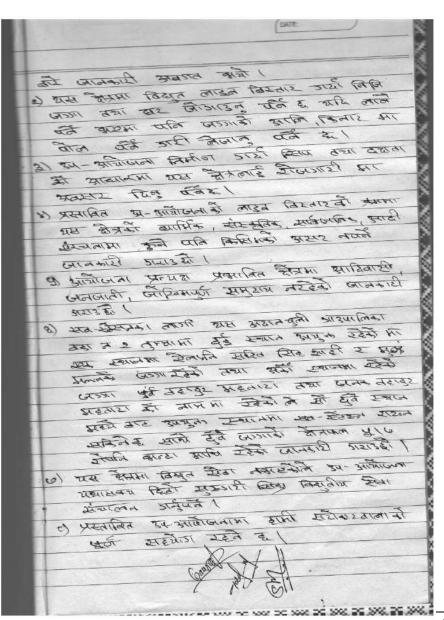
DATE आज मिति २०७८ (१२) २० मेरे का खिल दुम्ला जिल्ला शिमकीर आउपानिका उडा में है मा मियान विश्वत मामिक्सा किरारण प्रणाली रतरोहती तथा विस्तार आमिला (कड्ण) अरतम्बात क्रमांत दूर प्रशिक प्रमण्डी (म्या) - स्थानकेट (हाला) उपस्रिका प्रसर्ण लाइन र स्व-स्टेस्न निर्माणको सिलिखलामा क्रीने क्रिके र सामाधिक ग्रार्थिक तथा संस्कृतिक अमात्र मीड हीर हासर हिस्स में मारायानी रीला देशातीय तहका वडा ग्रह्मा वहा स्टाइय तथा अध्याज्या ताट अप्ट्यत विक्र रेश्य कार्राजार इलायल इ निर्मा के किया है। । 34 र थाति डेमान सोबाइम तं इस्ताम्ह का महाका द'- हमा राह्य दीनामा स्मानित हर १८४८ वर्षात्र दिनित्य महाय इस्का स्थाप " 3848303489 के का सहरोगी लहिम विषट यावत (पर ता · FUMBIC- X SCECOGE998 (X11940) 410 5mg aley Qued ... 541 MINI PUNGIE- 2 822030908 THA STET STET PRINTE & STECK 962H MAGUILLAND The Lit Souldfing NEAEC STARBORIS Soul MENER SCECCOERCY MENER सीरें अर रिजारी S Safot sold Enclosed NEASE STRUSTERS Suffer NEAEC STERRISORT 90 HIRUTE Forest Same remains 9. आंग्रीयमातार आउनुसर्य विक्रहरूतार आगोजमाडी करिमा आनमारी अवगत वासी। क्ष प्रतामित रात रहेर प्रदेश कार्य नियान विद्युत प्राक्रकाम देकी जानकारी गाउँही साहि किंदिर किंद्र किंद्र अ इ ह कि हिंद रिक्ट में एक्डिक हलाए डिल्मामा किरोटक ज्वलामाडी हिंह ड Color

DATE: 3 यस उप-आशोषनाजे प्रसाय लाइन विस्तार अर्था बहत क्षेत्र काउरा काइर बार जैयान्यते तथा अरसर निवि क्या समिन अरस वाहिर बाट लियान्यमें द साची तिया लगा बाद नेजानक अवस्थामा लाउन तथा केल कामानी अति वा देव बाट जेलाया शही दुने। V. इत्यप्तमा अत्यस्तित रहन अध्या लाइत तथा वील रहेते क्षेत्रका खाला साते संग वहाले समान्य मर्स विशिष्टा जातकारी मराउदी। ४. अप- आशिलना निर्माण आदो स्थातीय जनशकि नार्ड रहताकी आखारमा केलाशिय प्राथमिकता चिन पर्न । E. य- अश्चिमना निर्माण प्राप्त सामिन तथा सार्वजिम संस्थानाहरूमा हैने असर नात CHIMPIES DISIGES 1 प्रिकड़ीम हरकी रहि कबाहर एउपम् । कार्याहर थ अराउट हिल्लास मिडिस काराय ८. यस रोजा दाल भाडकी हार्डे असमाप्टी कारपर्देश नमारकोने उपभागितका राजासम्म हिटों स्र प्रश्न सिम् विद्यति सेम संगान 503901 1 ९ प्रस्तावत व्य-आग्रीअका विश्वीवामा स्थानीय तर तथा सरीकारवालाइटको प्रण संदर्भेण तथा समराम रहेने दा।

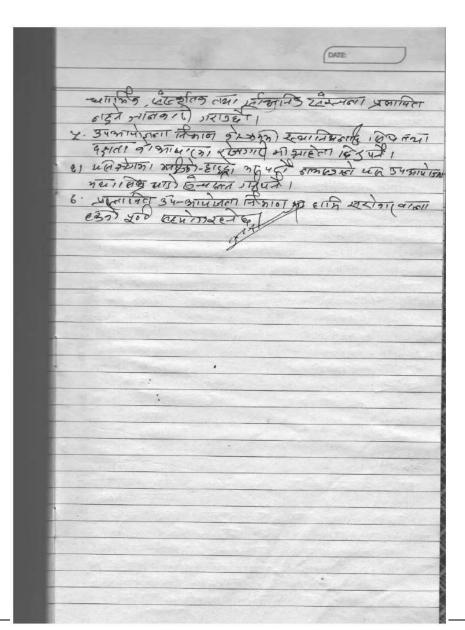
आनामिक 2060 | 92 । १० अलेग दिहा स्था मिहला । कि मिनी भाउपाक्ति वार ने र मा रहेने नेपाहा विश्व प्राचित्रा हे महुह. विरात् केन्द्र की कार्यक्रमा केपाल विष्त माणिक्रा, विराह प्रााली स्त्योन्ती तथा बिस्ता आयोजना (3506 P) अलास्त हिकात इत्राधीरहेडी जाकार भूगा - । खोकडी र (इन्हा) डप-अलेक (अस्तातालाह्य। या स्टेंबाल) निर्माता को क्यून स्तमा प्रम आसीप भी कार्या क्रमेन्सरिया कार्यमाना बार उपरिचल विमाहरूले पेटाम नमा निमना सुराव तथा माहाकार व्यक्ता मारिया उपादिशाम -को नंद 4. For land 3.6. oth 6311-11 de source SCE, 106899 € 9 NEA 215 ATIS aTEN 137512-4 (make must 10 mg/2-x 9686396388 2. " मिन कहादर अंडि (HAMZ-E STRESGEROG STEF 3. 4 मेम पहादूर लामा Tomate x gravers tes ४ वार्षमा वारिला शिमडीय-४ डिटइट१०३६०६ दं , हार्म जामा मिलिंग् - ह इरइटड्र99898 र्ड + लालित भें श रीकाया STEPERING Fing 6 stanturte socialists STECHOSITY GOVERNER CHARLEST alex1 & sent of Gold Asout Env. Mulyot 90 MIEST 37 Fresh Inventory resociate 245114 GOIT & 614,619 196168 9. उपलब्ध निक्शाना रायस्थाति । जीवृत्रात कितिवेट अत्तर पत वार्त के भी अवस्थारि देखाएड भी भी भी नाम प्रत स्टेंबात यहने मारा वार्डे र भा रहेरे र भागा नेपाल विवात पालिका तालका किलाने 42 मा मा (११६ मा मा १९ १ वे पहें मा मा कार) मा मा कि है। 2. हल उपत्रक्ष वक्षामातातिएका अवावाकार खडेन हार्ने अन्तर्मे करें १2.3.8 र देव में छेनी हिमान बाद मएना दालिएने इसी दें। कीन की भागील उत्तरे तथा आहे अमामाहिमपाल हते हुए। दी-आमामाहा सिकाल जारीना निर् अपहेंग्रहने बाद निर्मात अवस्पतारकापित मान कार मारी ग्राही पर्दे विविष्णे हुए। क्री क्रिकार कला वाली क्राकेश मा अस्ति व क्रिक्टियाहरे अस्ति अस्ति व १११ मुग्ने भेडिशाव हो



DATE माज मिति 2008-09-08 जातेना दिल द्वाला जिल्ला अदानचली वडा वं द तुम्च मा नेपाल विदात प्राधिकवण, वितरण प्रणाकी स्तरीमती तथा क्सिनार आयोजना (9502) मन्तरात निर्माण इन जाडरहेकी जामगरी (मृज्) - स्प्रिमकेट (द्वाला) य साहायमा विसरण लाइन र साब-स्टेशम विमीलको बिलिशिलामा इरोतिक, समिने जीविक य सामाध्य आधिक तना संस्कृतिक वामावरण पार्त सम्बे प्रवादकीर हामी विभन स्वीकारवाला दसका हरूकी तथा आशोधनाबार अस्यत विस्ते न्देश्य अमिनमर्चे द्रलापत र निर्णय डिस्स ही। उप्रस्थित अगामेड मार्स महारह साह मिन 9 करवे सहतारा अदानवृत्ती > इति हट१८३४४३९७ मा पड के दियम शाया ॥ - व किं 2 राज बराहर हाती ... 9 सेव V. सरेटरे सह मारा अहाममाल- 2 ट्यार प्रहर्प्य ETILITE SCHYMAGE TON प्र. जीवन महत्वार । इ. तिलक प्रण्यादी त. प्यान प्रहार्ड केंड्साता । ट स्टात याण्याचि !! इ. सिमलाम निपालि स्थार मन क जाड नेपान 202-1 " 200 १० उसर जोपालि । 9841884 वर सावत कार्व वर सेमिल सिंह NEATE वह स्विता चहर वश्र संक्षेत्र देना उउपालका कर्णावड १) आशिलकाबार आइन्सरम विस्टरकाट आयोजना

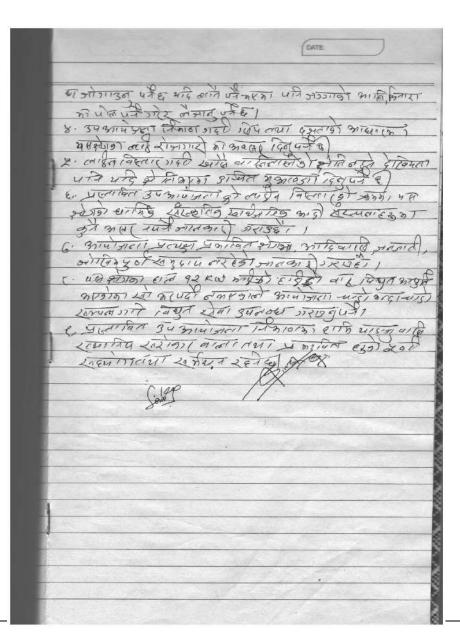


DATE: आमामाली २०६८।११ १११ ने का दिस हुल्ला मिहला क्रिकोर गार पा वर्ष रें & को बत्याने वरत्यामा तेपाल विक्त पालिका वित्यक प्राप्ती रतारो करी तथा विदेता। 311 मानाता (DSEUP) अन्तर्गत निर्माण कर गड़ीरहेरो इ खालाहित कार्या कारावार की पर विकास अभाव कार कित्र हिर्मा वाला का है है के तथा आयोजना वार अवस्ति। वार अपाल्यत विज्ञाहरुके उच्चिक्कि उपाल्यांतेमा देवाप क्रोतिक धतप्रा र मियाग माइनेहा। 3412-410 3775 विष वहार् महत 18 mg/2-8, Lumi y 500 mole) Scepecters 9-8 2. aG 4618/2611 2. 2001 nect 1, 7 ४. माध्य महत 2. 515ta at 291 1 . . . 85888 21 CAD 1319. 100000 6. 83 90 7141 6. 4 god wig (constant) INCARC E. 202111 69XI ९ रगान्त्रम मिट क मारत कर Bausigi Toives १. आमे जलावार अरावन अर्ग वित्र ६६वार आमे जाता वर्ति। HT0016 3140×1011 2. 46 राष्ट्रायात्रमा मिल्ला गर्र हासको कार्य नाला है भवनी मार्ड पार्टि देश वार्टिन के कार कार परि । 2. वि अदमानित उप कार्यकारा को विद्याल के कहारे। पहिर देनप्री नि जिलावयां थान्या नरहेते मामगरि गरवही y. प्रसारका काहीकार अवकारी हारही द्वारी के प्राप्त



Distribution System Upgrade and Expansion Project (DSUEP)

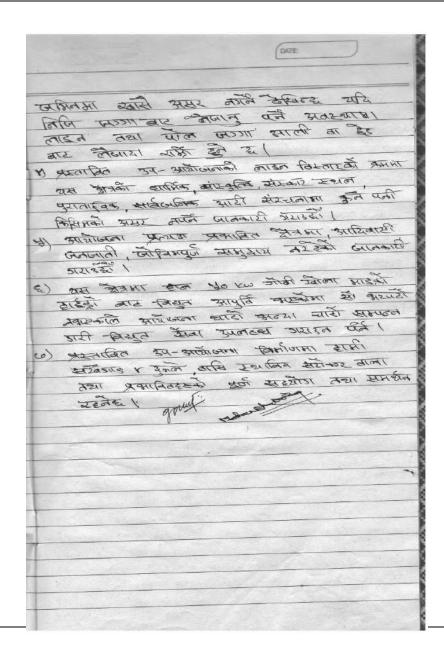
अल मित्र 2067 192122 अर्ह का दित हुम्ला निहला खार्याय आहे पालिश वार् ने द्र याड्स्मा तेपाल विधत प्राधिशा, विराद्धा प्रवासी इत्योन्ती तथा विह्ता क्रियामा (३६०६) अन्तारात मिनाहा हर क्षित्रहें निरात्राहोत्रहो (क्ष्या) विलाहा - पुरस्र विमार रिकेट्रीत पिल पितामा शामाति आर्थिड भेरिड मेरिड प्रमुक्ति तथा वाताव(वात्रा) पाने खबले प्रभाव वरे हामि तिरुत रहरे । वाहा व्यक्तिहरू तथा आमीत्रसाव ए उपाधियत विद्रा ह्यू विन्य देहाप बनो छोन् हो हल प्रलामरे किरायम्बर दिर्। क्रिमाया ग्राही वर्षणायः अध्यक्त स्वैतीपाति 75.6. Bids 4615000 5 TXT 3 8 6 X 98 (2) व्यवसाय ९८४८६३६०९६ लाल क. ज्याही रपार्पनाच र 17 ३. सिद्वकला सुनार रवार्पनादा - ४ % - Teller mi ४. रत्न रूपा जादी स्वार्पनावा र 3 कि 8-XT326083/001 b. प्रख्या व्यापृति SGKEXXSCKT 979 रवार्षमाय र " 25 gar 5 CEES 9 EE 63 ६. सुपुली ज्युनार स्वार्पनाय ३ । " 6. चिरेन्स CHOCHEL STREETOCKES - TOTAL र विरमद् व्याही e. भवत व. खारही १० मन्त्रिय खगहीं 2118 পথ মতামা 99 2(40t) with MEAEC . 98 महिल्लाह 94 1710519 NE 98 (1417) 69101 Early of 95 13014 Eh -१. अधिमताको मेळ्गाट आल्न अएक) विस्टु वर आयोगता 2. या गड्न बमारको रक्तर्ग मार्क अप पार्टिश विका राइड



अम् किसी 2060 192 125 जिलादिन दूला मिहला दर्जा मार्जणातिका बाहरी १ दिए। लिपते मा लेपाल विष्त भाषिका। विताल प्रकारी स्टारंकारी तथा भिरता आयोजना (25068) अन्तरात किंगां हताप्रहेश गामादीयां - किंगिड़ीर हरता उपकार्योजना जिलाग क्रिकामा पर उपकापालना हार्या निर्जि था नाजा भी पार्म किनी प्रमान (पित्रकारी विस्तारावी) वरो EITH JONES TOUTH CLASSES 3 THERED & Sombrell वार भाउन भएगा विसा एडने उपरिमाने मा प्राप यमानिक १) कलाप्टा तथा निगम गोर्गकी। त्यार्थात 156. ATT 4 4 (m/21) 637111 4211 मडा सिंहमधा द्वार देव देव यक्तान् श्रीप 9 SA PORCH MEMILE वडा सप्रथ ३ श्री लुइ फुडेरा राकेगाड - 2 यार्डेगाड- १ थि 3) अरे रसी पडेश (अ) भी जारे फडेरा यार्देशाइ-2 anui2 १। अरे अल्बे फडेरा खर्डिगाइ - 2 केशन 33 mon 8) श्री बाली कमहतारा सर्वेजाड- श्रीप शिक्षेत्र STX 532 29 60 and 1500 14 6) श्री रमेरा महतारा खडेगांड- 2 श्रिप STERRES LEX AMERICA D अ मंगल थापा सकिगाइ-2 8) UGH 4191 11 3 45 EU SCERSGAC ब्रह्म केल्ट्रेट हरकाप्रदेशह १०) सोहम सीहलाश ११) साहन नाइ NEAGE १२) स्टिन्न सिंह 93/ व्यक्तिकी टनाम वर) मुद्रेल चल्ट Zorman Sanua E ? अगुरायमायार आउन् अरूस विज्ञहरूबार प्रातीपता की बारेका जानकारी प्राप्त करो की ग्रंस मुनमा विस्त लाइन विस्तार जारी मिल सिक्ता हार मेर्स क्रियार्सि उप प्रमा वादे लामे मा आत्मी, मीमर मिलका मिक माडक के

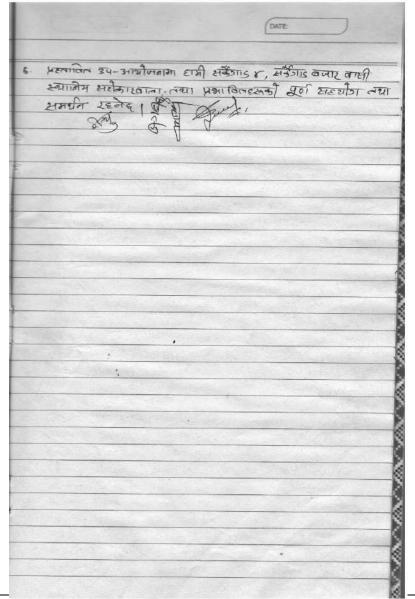
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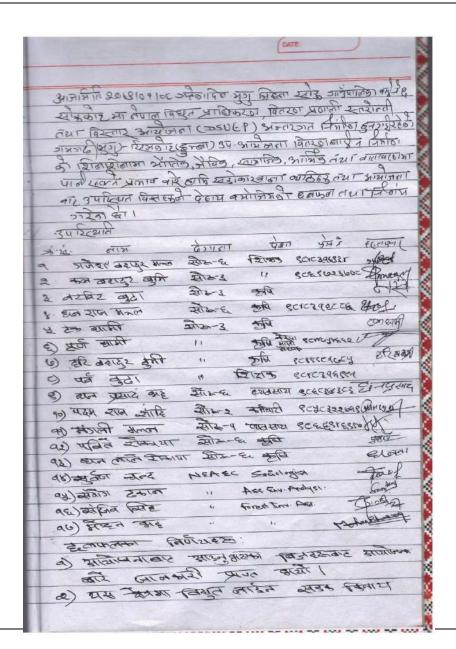
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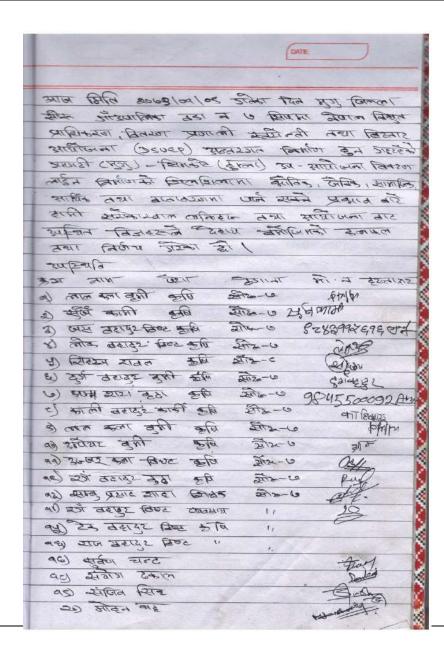
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प्राप्त अर्थ । व. आयोजनावाट आडबु अर्ट्य । विचार क्र काट आयोजनाका करिया जानकारी प्राप्त अर्थ । 2. यस ठाँउमा विन्द्रण लाइब खडक किनारा अरूर जाने देखिन्द । 3. यस ठाँउमा विन्द्रण लाइब खडक किनारा अरूर जाने देखिन्द । 4. यस ठाँउमा विन्द्रण लाइब खडक किनारा अरूर जाने देखिन्द । 5. यस उप-आयोजना भ्रमारा लाइब विक्रमा क्रा योज अरूर ना संद्रक कार किनार क्रिकार लिजारा मिता जिला जिला अर्जा आनी वा देउ कार लेजारा रामी हुने ह । 8. प्रस्तावित उप-आयोजनाकी लाइब विस्तारकी क्रममा यस क्षी अमे । 4. प्रस्तावित उप-आयोजनाकी लाइब विस्तारकी क्रममा यस क्षी अमे । 4. प्रस्तावित अर्ग आयोजनाकी कार्य ना प्रमानित अर्ग । 4. प्रायोजना भ्रम्यहा भ्रमावित क्षीमा आर्थकारी , जनजाती , जीविकमपुण समुदान करिको जनकारी जाराउदी । 4. प्रस देंसमा होत ५० १० गाँठी क्रमेना माइको क्ष्म हाइ दीकार वियुत्त आपुरी अरुक्तमा होते प्रस्तावा माइको क्ष्म हाइ दीकार वियुत्त आपुरी अरुक्तमा होते प्रस्तावा माइने क्ष्म हाइ दीकार वियुत्त आपुरी अरुक्तमा होते अरुक्तमा होते अरुक्त वार्षी अरुक्त वार्षी अरुक्तमा साई अरुक्त वार्षी अरुक्तमा साई अरुक्त वार्षी अरुक्त वार्षी अरुक्तमा आपूरी अरुक्तमा साई अरुक्त वार्षी अरुक्त वार्षी अरुक्त वार्षी अरुक्तमा साई अरुक्त वार्षी अरुक्त वार्षी अरुक्तमा साई अरुक्त वार्षी अरुक्त वार्षी अरुक्त वार्षी अरुक्तमा साई अरुक्त वार्षी अरुक्तमा साई अरुक्त वार्षी अरुक्त वार्षी अरुक्त वार्षी अरुक्त वार्षी अरुक्त वार्षी अरुक्त वार्षी वार्षी अरुक्त वार्षी अरुक्त वार्षी वार्षी अरुक्त वार्षी अरुक्त वार्षी अरुक्त वार्षी अरुक्त वार्षी वार्षी वार्षी वार्षी वार्षी अरुक्त वार्षी वार्षी अरुक्त वार्षी वार्षी अरुक्त वार्षी अरुक्त वार्षी वार	32		7	heportuga
पाप्त अर्थ । 2. यस ठाँउमा वित्रण लाइन सडक किनए अस्ट आमे टेलिन्ट । 2. यस ठाँउमा वित्रण लाइन सडक किनए अस्ट आमे टेलिन्ट । 3. यस उप आर्थी जना भ्रमण्य लाइन विकार गर्मि सीम अन्य तक सडक किनार किनार किनार किनार मिलादा मिला अल्ला विकार गर्मि सीम अन्य निर्मा कार्य के सार निर्मा के सिर्म के सार निर्मा के सार निर्मा कार्य के सार निर्मा कार्य के सार निर्मा आप के सार कार्य के सार कार कार्य कार		V 0	NEDIC	For
प्राप्त अर्थ ।: 2. यस ठाँउमा वित्रण लाइन एडक किनारा अरूर आने देखिन्द । 3. यस उप आर्यीजना भ्रमारण लाइन विस्तार गर्दी विस्त सेंग अन्ता तन सडक किनार क्रिकार नेंजादा मिर्पि जिला कार्यी व्यक्ति सेंग अन्ता तन सडक व्यविकार क्रिकार नेंजादा मिर्पि जिला क्रिकामा लाइन तथा पीन जिला आर्यी वा दें वार मेंजादा रामी हुने ह । ४. प्रस्ताविन उप आर्यीजनानी लाइन विस्तार के अभा यस से अमी स्वामिन, सामिन, संस्कार स्थान पुरातात्विक, सार्वजातिक, अन्ति संस्कार स्थान पुरातात्विक, सार्वजातिक, अन्ति संस्कार स्थान पुरातात्विक, सार्वजातिक, अन्ति संस्कार स्थान अपने आर्यीकारी अर्थात्वा प्रमाणित क्रिकाम्य क्रियान क				
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३ वस उप आर्यीजना प्रसारण लाइन विस्तार गर्दी विस्त स्टेंग सन्द्र तक सड़क कितार क्रिकार त्रीमादा मित्री जाउगा जामिनमा खारी असर नगर्ने रिकिट् विदि निजि जाउगामाद लियान प्रमी इन इ। इ प्रस्तावित उप आर्यीजनाकी लाइन विस्तारकी क्रममा वस सीमानी स्थानिक, शांदलातिक, संद्रकार स्वान प्रशासिक, सार्वजानिक उनादी स्थानिक, संद्रकार स्वान प्रशासिक, सार्वजानिक उनादी संद्रमामा कुनै पानि किश्मिकी असर नपर्ने जानकारी गराइरीं। इ आर्योजना प्रत्यहा प्रभावित क्षेत्रमा आर्विक सी, जनजाती, जीविक अपूर्ण स्थानकारी गराइरीं। समुद्राम नरिको जनकारी गराउदर्गिं। द अस द्रिमा टील ५० १०० गीठी खोला माइनी क्ष्म हाइतीकार विद्यत आपूर्णि भएकीमा सी भरावी नक्षमा माइनी क्ष्म हाइतीकार विद्यत आपूर्णि भएकीमा सी भरावी नक्षमा माइनी क्ष्म हाइतीकार विद्यत				
कितार क्रिकार त्रीपादा मिये जनगा जामिनमा खारी असर कराते रिकिट्ट वादि निर्मि जनगानार लेजानु प्रति अन्वस्थामा लाइन त्या पीता जनगा आनी ता हैं उ नार लेजादा रामी हुने हैं। ह प्रस्तावित उप-आयीजनार्की लाइन विस्तारको न्नमा यस क्षेत्रको स्यामिन, शास्कृतिक, संस्कार स्वाल, प्रशतान्तिक, शार्वजानित, अनदी संस्थानामा कुनैपानि किशिक्षको असर नपान जाएगि गराउदौँ। स. आयोजना प्रत्यक्ष प्रभावित क्षेत्रमा आदिवासी, जनजाती, जीविक्सपुनी समुदाम नरहेको जनकारी शराउदौँ। ५ अस देनिमा होत ४० १० गीठी क्लीना माइनी क्लिक हाइनीकार नियुत्त आप्रति भ्रस्कीमा सी अस्त्री नक्षणकोक्त आयोजना चाडी अन्ता पारी	2 - यस	काँउमा विल्टा लार्वा छाउन, वि	नएर ऋस्ट्र जाने है	रिकिन्द् ।
वादि निर्मि अञ्चाला लेखानु प्रति अन्वस्थामा लाइन तथा पीना अञ्चा भानी वा देउ कार लेखादा रामी हुने हूं। ह प्रस्ताविन उप-आयीजनानी लाइन विस्तारको न्नममा यस क्षेत्रमें। स्यामिन, सारकृतिक, संस्कार स्थाल,पुरातानिक, सार्वजानिक, अनादी संस्थानामा कुनैपानि किशिक्षको असर नपर्ने धानकारी जाराउरों। स. आयोजना प्रत्यक्ष प्रभावित क्षेत्रमा आदिवासी, अनजाती, औरविभयुकी समुदाय नरहेको अनकारी जाराउदरें। ५ अस देंग्रमा होत ४० १७ जीठी स्नीना माइनी क्ष्म हाइनीकार वियुत्त आप्रति भ्रस्कीमा सी भारावी नक्षणकों आयोजना चाडी अन्ता पारी	३ यस उद	- आशीजना भ्रसारण लाख्न विस	नार गर्दा विसि	चेत्र अन्द्रा तन सडक
वा है उ वाह में जादा रामी हुने हैं। ह प्रस्तावित उप-आयोजमानी लाइन शिक्तावर्जी क्रममा यस सीमकी हार्मिक, शांहकृतिक, संस्काव स्थान, पृथलात्विक, शांविज्ञानिक, उनादी संश्चानाम कुनै पानि किश्मिकी असर नर्पर्न जानकारी गांउदी। से आयोजना प्रत्यहा प्रमानित क्षेत्रमा उपादिकासी, जनजाती, जी श्विमपुर्ण समुदाय नरहेन्द्री जनकारी गांउदिकी माइनी क्ष्म हाइदीनाह वियुत्त आप देंग्रमा होत ५० १० गीठी क्ष्मेना माइनी क्ष्म हाइदीनाह वियुत्त आप देंग्रमा होत ५० १० गीठी क्षमेना माइनी क्ष्म हाइदीनाह वियुत्त आप देंग्रमा होत ५० १० गीठी क्षमेना माइनी क्षमा जाडी अस्ता वार्षी	किनार	्किकार त्रेजादा मित्रे अज्ञ	। जिनमा थ्यासे	असर नाजाने देखिल्य
हार्मिक, शास्कृतिक, संस्काह स्वान, पृथलात्विक, शार्वजातिक उनादी स्वामिक, शास्कृतिक, संस्काह स्वान, पृथलात्विक, शार्वजातिक उनादी संश्चानाम कुनै पानि किश्मिकी असर नपर्ने ज्ञानकारी गाउदि। स्वाचीनान प्रत्यहा प्रभावित क्षेत्रमा अपदिकासी, जनजाती, जौश्विभप्रि समुदाय नरहेकी जनकारी शराउद्दर्शि। ५ अस देत्रमा होत ५० १० गीठी क्षेत्रना माइको क्ष्म्ब हाइदीकार वियुत्त भाप्ति भारकीमा सी भारपर्शे नभारकी आर्थों जना जाडी अन्ता पार्ही	वादि वि	नाजि अञ्जाबाट लेखानु पर्ने १	अवस्थामा लाइन	न्या प्रतिम लेक्ना अन्ती
स्यार्भेक, शांस्कृतिक, संस्काह स्याल, पृथलात्विक, शांविजातिक अनादी श्रीरामामा कुनैपानि किरिक्षकी असर नपर्ने ज्ञानकारी जाराउती। स. आर्योजना प्रत्यक्ष प्रभावित श्लीमा आरिवासी, जनजाती, जीव्विमपुर्वी श्रीप्राच नरहेकी जनकारी ज्ञाउदर्रिं। ५. यस स्प्रिमा होत ५० १० जीठी क्रीला माइकी ब्लाइक हाइसीकार विद्युत आप्रति भ्रास्कीमा सी भ्रास्की नक्षणकीके आर्योजना जाडी भ्रत्या वार्री				
धंश्यानामा कुनै पानि किरिक्षको अस्य नपानि व्यानकारी शायहरि। ध. आरोजना प्रत्यहा प्रमानित क्षेत्रमा अगरिकासी , जनजाती , जीश्विभागुर्वी समुदाय नरहेको जनकारी शायदर्वि। द. यस देत्रमा होत ५० १० गीठी क्लीना माइनी क्टब्र हाइ दीकार वियुत्त आपूर्ति भ्रष्टकीमा सी भारपर्वे नभ्रष्टकोस आरोजना जाडी अन्ता वारो	r yen	गविल इय-आयीजनार्की लाहर	न विस्तारको का	प्रमा यस सी जर्की
धंश्यानामा कुनै पानि किरिक्षको अस्य नपानि व्यानकारी शायहरि। ध. आरोजना प्रत्यहा प्रमानित क्षेत्रमा अगरिकासी , जनजाती , जीश्विभागुर्वी समुदाय नरहेको जनकारी शायदर्वि। द. यस देत्रमा होत ५० १० गीठी क्लीना माइनी क्टब्र हाइ दीकार वियुत्त आपूर्ति भ्रष्टकीमा सी भारपर्वे नभ्रष्टकोस आरोजना जाडी अन्ता वारो	स्यार्ने	क, शास्कृतिक, संस्कार स्वान	,पुरातात्विक, भा	र्वजातित्र अनादी
स. आरोजना प्रत्यहा भमावित क्षेत्रमा आदिकारी, जनजाती, जीव्वभव्की समुदाय नरहेनी जनकारी शहाउदर्रिक। ५. यस देत्रमा होन ५० १० भौती स्त्रीना माइनी क्ष्म्य हाइतीकार वियुत्त आपूर्ति भस्त्रीमा सी भरपार्थी नशस्त्रीमी आरोजना चाडी मन्दा चारी	र्थं श्य	मामा कुमे पानी किशिमकी अस	न्र नपर्ने कामकार) राहाइर्डि
धमुदाय नरहेन्द्री अनकारी शहाउदरिष्। दः धस देशिया होत ५० १० भीठी खीता माइनी ब्लड्ड हाइट्रीचार विद्युत आपुरि भ्रष्टकीया सी भ्रश्यकी नश्चमित्र आयोजना चाडी प्रत्या पार्टी	र. आय	व्यमा प्रत्यहा भन्नावित श्लीत्र	मा उपादिकासी, अर	नजाती, जोश्विभुठी
आपूर्ति भ्रष्टकीमा भी अरपर्य नक्राम्डीमें आयोजना चाडी अन्ता चाडी	218	दाय मरहेक अनकारी भाराउट	रही ।	
आपूर्ति भ्रष्टकीमा भी अरपर्य नक्राम्डीमें आयोजना चाडी अन्ता चाडी	६. यस	क्षिमा हाल ५० १० जीठी व	कीना माइकी स्टब्स	। हाइड्रीकर वियुत
थाम्पल गरी वियुत्त देवा उपलब्ब गराइन पर्ते ।	आ	पृति भएकीमा भी अरपर्ये ।	नकारकीर्क आयीप	ना चाडी अन्दा चाडी
	યાં	म्यल गरी वियुत सेवा उपन	नवस् काराउन पर	* /

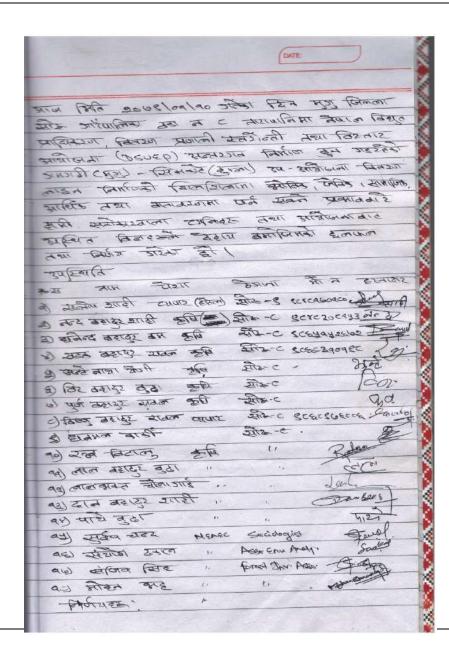


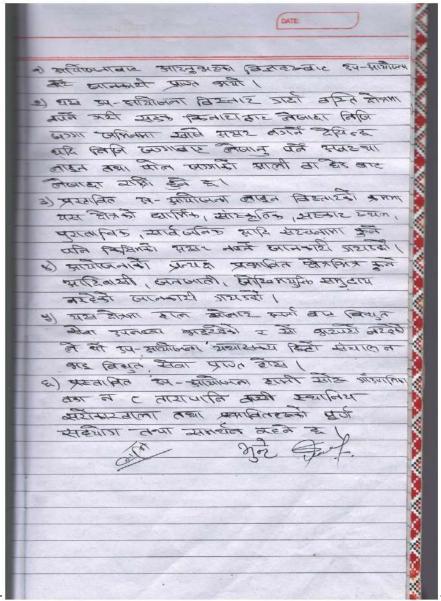


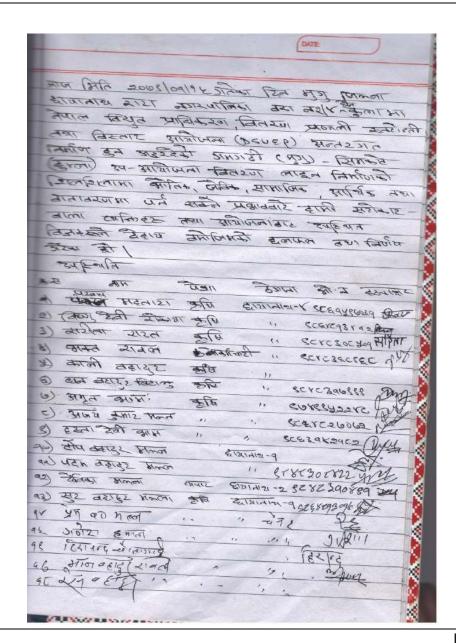
DATE THE CHICA SPACE 2) यस अप-अम्मिक्स म्हाका लड्स विस्तार प्रशी उक्त की महदा तक संदुद्ध कितारा तार अधार मिल गरका गरक गरही गडार मार्थक अध्यात्म योस् उपा उन्योडि स्तरह स्मिर हिगल क्रांक तका तका कड़िक्स हैं। । इ देंड महाक्रा रामा इसे हैं। ४) प्रसावित उप-आक्रांका लाउन विसारकी उत्तरकं मीद्रकं स्थिति किर्दू एक मारह र्शक, प्राताम्बर, सार्वणक्त, सार्व संख्यामा इत पन किसामी असर नपन पानवारी 212135 y) आयोजनार्डा प्रत्यक्ष प्रकृतित स्रेमा आहिताओ जनजाती, जीकिम्बल समुदाय नरहें जानहारी गराउँदी । ह) वस होत्रमा हाल बेस्लापेड वर्ण खोलार हो माइयम बाट विद्युत आयति व्यक्ती र सी उद्यो कर आयुर्ति चिद्यत का अमी क्रारिक व्यवस्था त्रकारकार का जा आकार महाति मुखासका मंगालन अर्थ विद्यात देखा ज्याला प्रशास की (v) प्रस्तावित अ-सायोधना द्वाकी सीह जोरपालिका का न द लिमा, म्या की कार बारी म्थानिय च्याकारवाला त्या प्रमानियहरूरी पूर्ण सहस्रा तथा समर्थन रहते है।

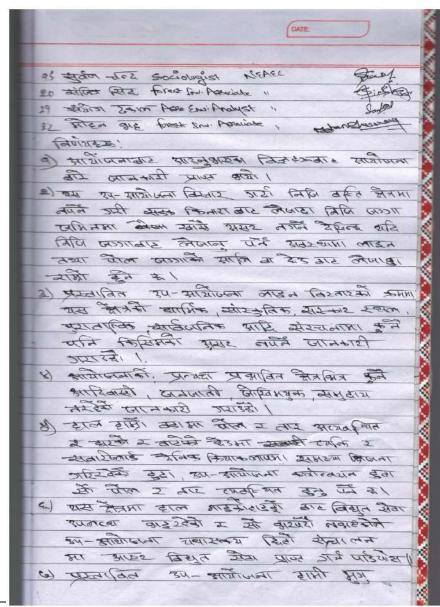


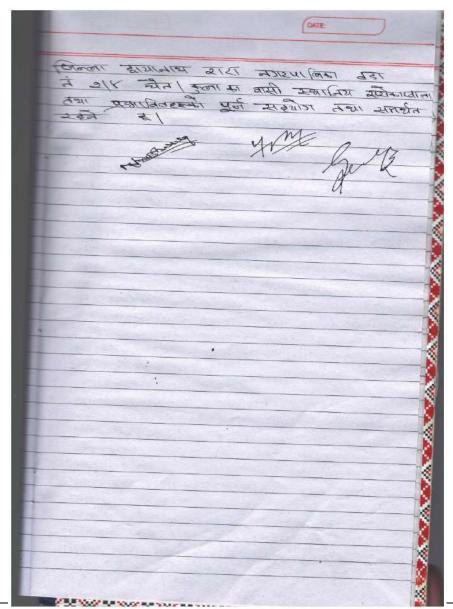
DATE सर्वायहरू न) आक्रीलनावार सार्मश्राटमा विचारकार हत मानेकार वीरे जानकारी वासी। मार केला उपक तराह निर्म करात मारक मारक पारक पार 1 12 BJ 3 मान हो है। हेर हेरे महाक लिसमें मार्गार्या महार सत्र मारा तल सदम मिलारा बार कोवादा प्रिति मील टीम उन्ने के निर्म प्रस्क हिल्ल माममान मटन वकाषार कोवान वर्ने उत्तरका लाइन तथा वेल का मं आली वा देर बाह केनादा यही हमें दा WHAT IT SINGED TO THE WALLE OF SAINGER 1 अस मेत्रको सामिक सोस्ट्राक , सहसार स्टाल प्राणिक मार्वेद्यान की की मान हरे ही में शहर नवें जानकारी मारहरी। क्रियाम केंद्र मिस्ति कम्माम्बर्ध किराम्य किरामार्थाह (ह शिक्ता रिक्टिक मारमा कारमाडी के कामार जाराउँ सी। इ। यस क्रीत्रमा हाल केरलाय उर्जी सेलार बाट निदात सीवा आपित अष्टमी 2 की क्राविशत अर्थरी मनाइने में उप-अमग्राज्या यशास्त्र दिली क्षेत्रामम पाड विस्त देखा ज्यलब्स अरशहत वर्ते। 1300/118 दे की कि मार्गिक - 15 रिमार्स (0) तदा त ७ स्विप काशी स्त्रातित प्रदेशकाला तत्रा प्रकावितरक्की पूर्ण सर्वेशेंग तथा सम्बंध रहते है।



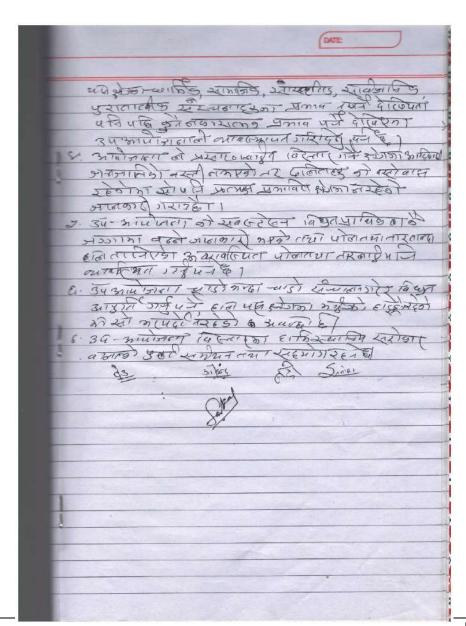




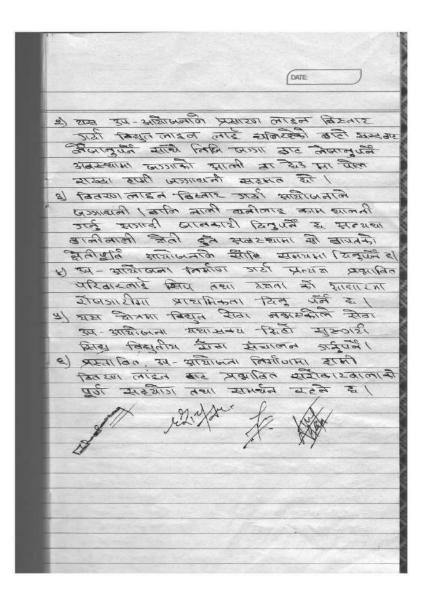




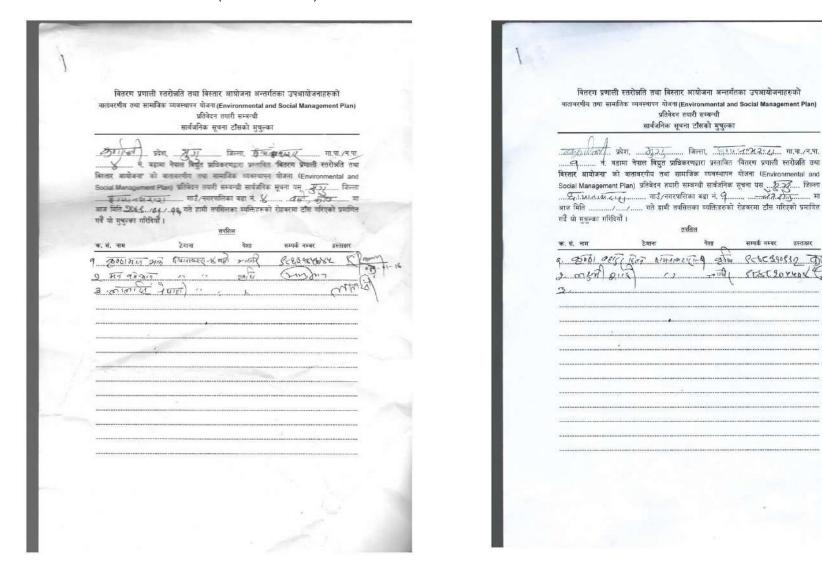
DATE उत्तामित 20687091 वह जम्ला ह्ला हामान माराहा नामालही का में ४ वांत कार सर्मा रेप छा किन्त्र नार्किति। Tocale your Zaciod and Taler (maising DSUED) 3,002)18/ A 10/E 12/265/21016 (\$315/UNS) 20 Total not son sining cortes, gritas dias Strag sies es arriacorni VII zona Darat 6150 2 211 1200 2021 010 (1001 CIVI SANIACIO G 34KNO TURIES STUTENTU LES MASINI GOIDAL AZEL NOTA SITTUTE BULLIA E 61411 १ भीविष्ट्रेज्डा धर्माताकर्म स्मा-४वर्ष इपि 5184 172102 31 Boy ३ देवक स्माद्धी । । प्रकेश । 3 जिया रक्तवाल " " कोई " नहिंद्राराष दिन् ४ वहीयोगाप यामवहदूर होकाद् मुक्ता ।। E -US 00 2/9741 किला वंच नेपाली ONTO JUMAN STREET 1829K यक्टी विकेशका केश बंब नेपाली 17 कार 1 do 62/9141 NEALL dard-ung 21189 218 92 214131 6510 93 1184 24 Basaau Tomes 9) 300 mare to magares 2 tolar 3 uninson sients Many musicani २ - मने उपभविता की आवात कार्त मिलाएमी निक्ताना त्याशास्त्रस्था प्रभावत नहने गरी स्टेंग किनारा कर भागानी आही के बाद लेका याती हरे दे 8. प्रताबित अप-कार्या मताको प्रत्यावा नार्यन विस्तारादी



आज मिति २०६८-१९ गतेमा शित दुम्ला विला विसमीट जाउपालिका उस म प्र अप्रतेमा नेपाल विद्य प्राधिकरण वितरण प्रणाली स्तर्शेनती तथा में हे गिर्म भारतिया (भारतिया क्रियेश) मार्गाहास उपाउटि गर्रहेमी अमार्श (मृत्र) - व्यक्तिरेट (दुरमा) उप आमाजा मित्रका लाइन र स्व स्टेशन विमाणको शिल्पिशनाम झातिक, क्रीडिक र सामाणिक आर्थिक तथा संस्कृतिक ताल माड डाककाइर क्रिके लाज व्यक्ति सर्मारमाला दशकारको तथा आक्राक्तावाट उपस्थित किसी के हार के किसी राकी र स्तिश्य ज्यामा हो। उपस्यति F. F. TE CE TENES BIFG E.A Family - y is you goe e 39 E000 चित्र द्यावत 2 कुल बाबत 11 कुलत चीकाशा // फेल ९८६८३००३५३ To Troget 1, and SCACSERCED ZTHAMA ZINO 1. MIB. SCYSGEACYG & other Zida ", min scrc3razrazia G ENTRON STATE " SEECO30532 18 MAN ट टिंग के रोणाया " ONE CEC 292463 (Sucologio) 90 Hora We terest Envertiry Associate aa Atolog Exten Aconoche Env. Analyst ST x0495272 92 THER SHE Gross Emorrory Associate Screece & 4 CA 93 राज्ञ कुमार बीहरा \$262068998 वर मिन बहाद्य बार्डि ., Stategbass masimus १५ अम् अहार्डे आ लामा Stx75981809 28-7. हताम लामा विकारित है। ने आयोजनावार आउनश्रम् विकेवार प्रस्तावित मिलक माकार डिस्कार कामडीकरिकामकारियार पर



Annex 6: DEED OF INQUIRY (MUCHULKAS)



बितरण प्रणाली स्तरोल्लित तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरुको बाताबरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social Management Plan) प्रतिबेदन तथारी सम्बन्धी सार्वजनिक सुचना टौंसको मुचुल्का	वितरण प्रणाली स्तरोन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरूको बाताबरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social Management Plan प्रतिवेदन तथारी सम्बन्धी सार्वजनिक सुचना टाँसको मुच्लका
प्रवेश, जिल्ला हिस्सार स्वार्थित तथा वितरण प्रणाली स्तरोजित तथा विस्तार आयोजना को बातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social Management Plan) प्रतिवेदन तथारी सम्बन्धी सार्वजितिक स्वना यस सुरु त्या किला हिस्सार स्वर्था सार्वजितिक स्वना यस सुरु त्या तथा तथा तथा तथा तथा तथा तथा तथा तथा तथ	प्रदेश, जिल्ला, स्थि क्रिक्ट ग्रामिन्तर प्राप्ति स्तरोन्नति ते वितरण प्रणाली स्तरोन्नति स्वाप्ति प्रणालीका वहा ते प्रणालीका प्रणालीका वहा ते प्रणालीका वहा ते प्रणालीका प्रणालीका वहा ते प्रणालीका प्रणालीका वहा ते प्रणालीका प्रणालीका वहा ते प्रणालीका प्रणाल

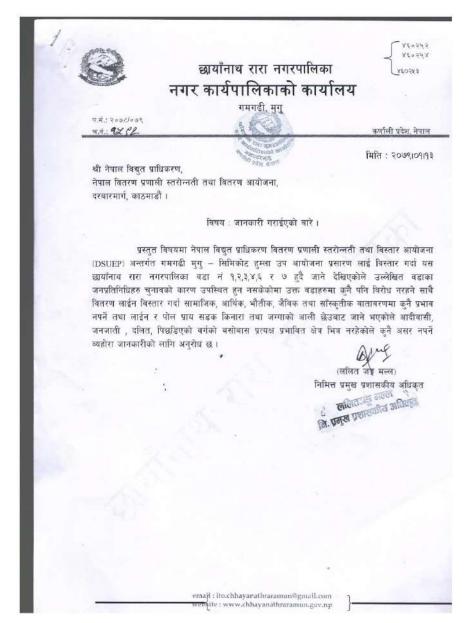
	तरोत्रति तथा विस्तार आयोजना अन्त व्यवस्थापन योजना (Environmental a प्रतिवेदन तयारी सम्बन्धी सार्वजनिक सूचना टौसको मुचुल	and Social Management Plan	-		सामाजिक व्यवस्थापन योजना (E	आयोजना अन्तर्गतका उपआयोज invironmental and Social Mana गयारी सम्बन्धी ना टौंसको मुबुल्का	
विस्तार आयोजना" को व Social Management Pl	ा,	ान योजना (Environmental a क सूचना यस मार्का जील	nd ना	विस्तार आयोजन Social Manage	r को बाताबरणीय तथा साम ment Plan) प्रतिबेदन तयारी र कुगाउँ/नगरपारि ५/७३./.७.६. गते हामी तपरि	जिल्ला, जिल्ला, प्रणाली करणद्वारा प्रस्तावित वितरण प्रणाली ग्राजिक व्यवस्थापन योजना (Envir ग्राम्बन्ध्य सार्वजनिक सुवना यस क् लेका बढा नंहै जिल्ला सेतका व्यक्तिहरुको रोहबरमा टौस	ronmental and उद्गाः जिल्ला स्वाप्यस्थाः मा
क. सं. नाम 9 सन्तोष शादी 2 स्त्रीन्द्रप्र व 3. स्पित भाठा 8. सन्दर् व शाही 4. सनस्टि विने द. निशा पुटा 6 सन्दर्भ भाषा	दी महित्तानी १। लाहापानी ।' ५. लाहापुरनी व्यवसाध	##4 7 7 8 8 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		पी ए डे अक्डे	हेगाना प्री क्यों हुन द	पेशा सम्पर्क गम्बर कृषि केम्पा ब्रह्मप्र (क् कृषि केम्पा ब्रह्मप्र (क कृषि ड्रिप्पण्ट १०	inth wed service rece to

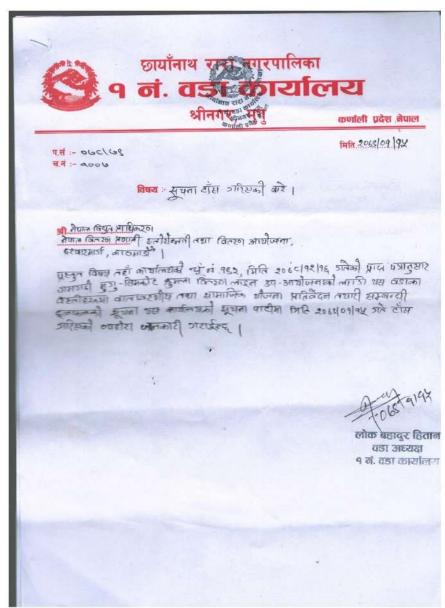
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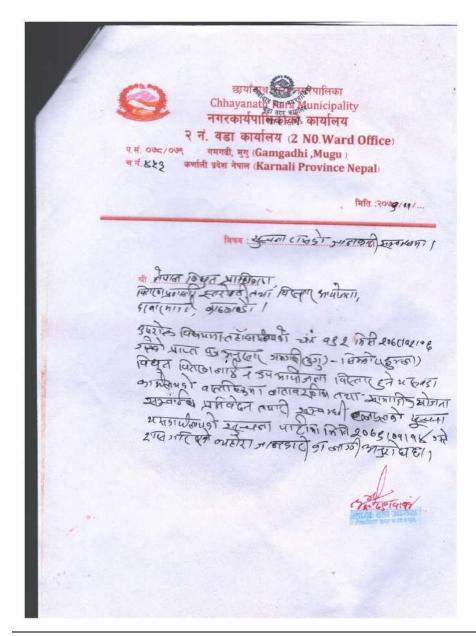
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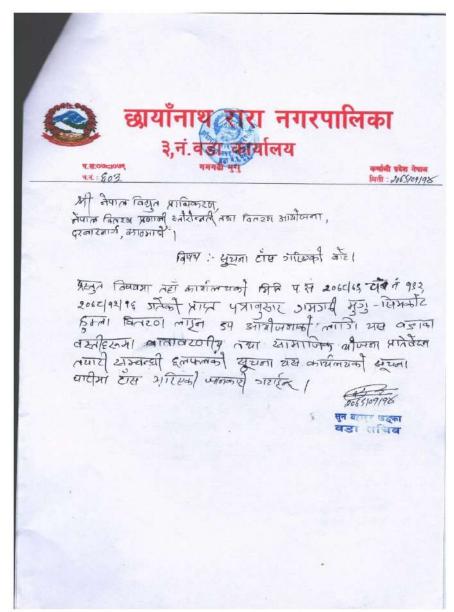
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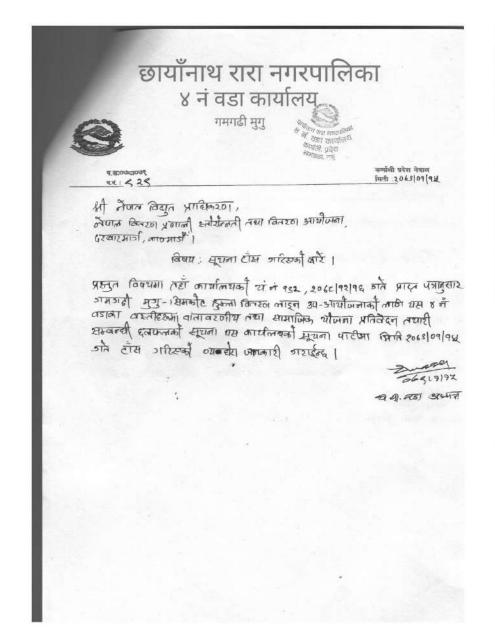
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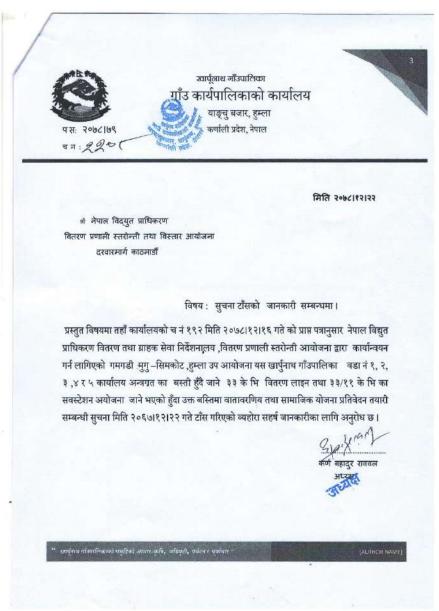


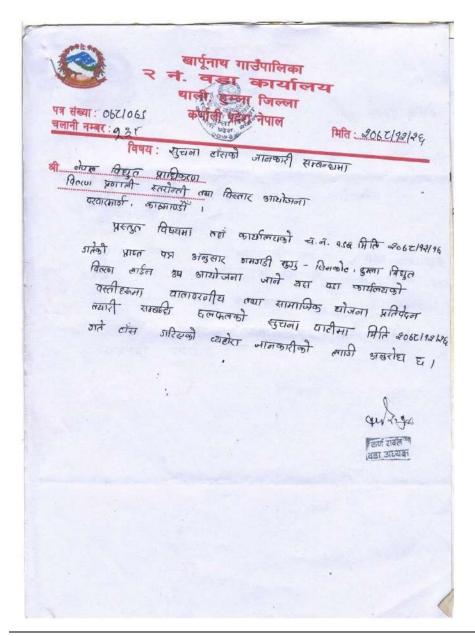


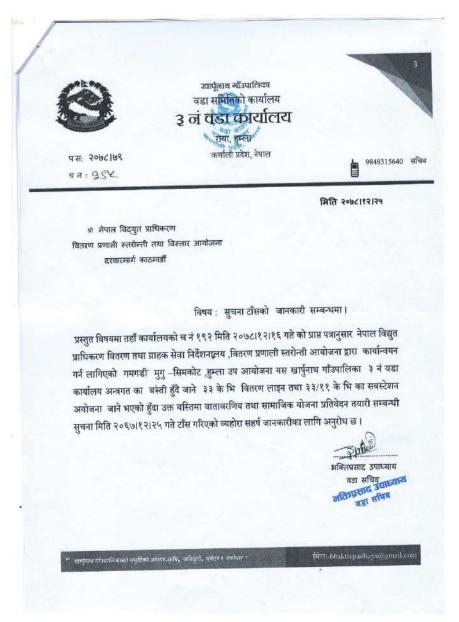


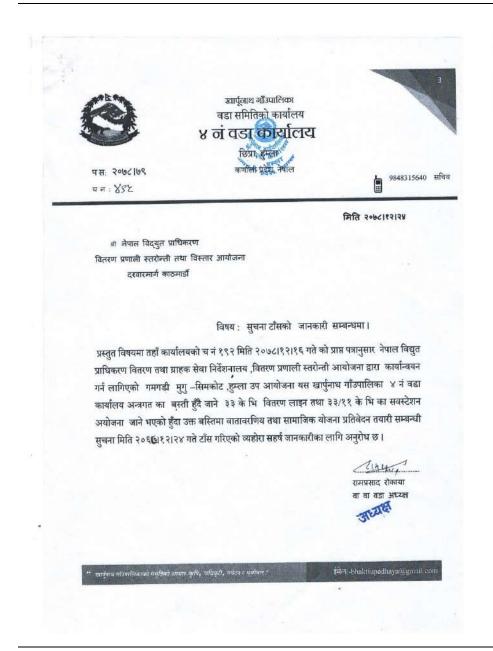


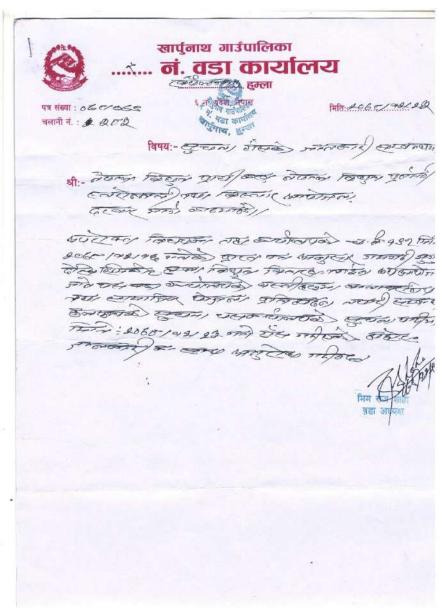


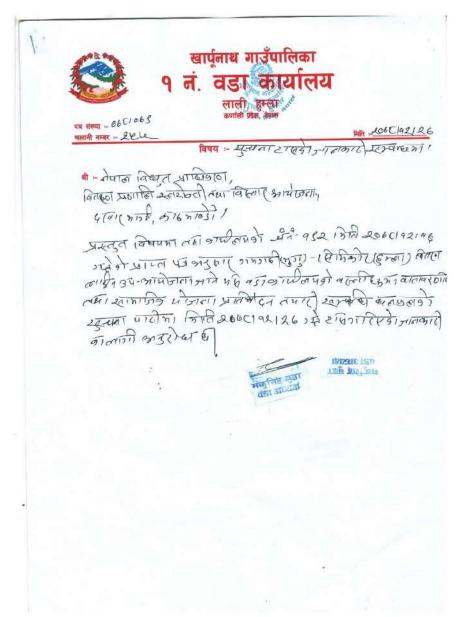


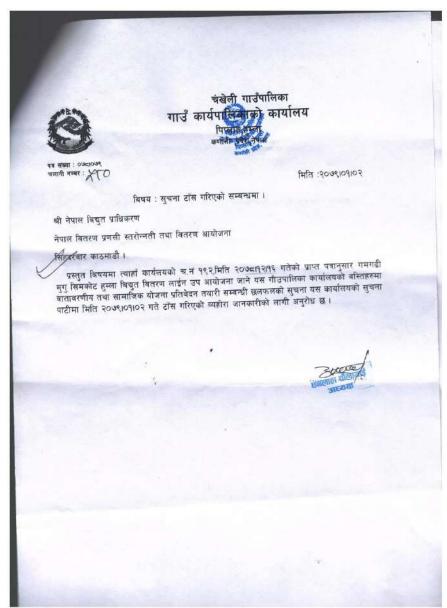


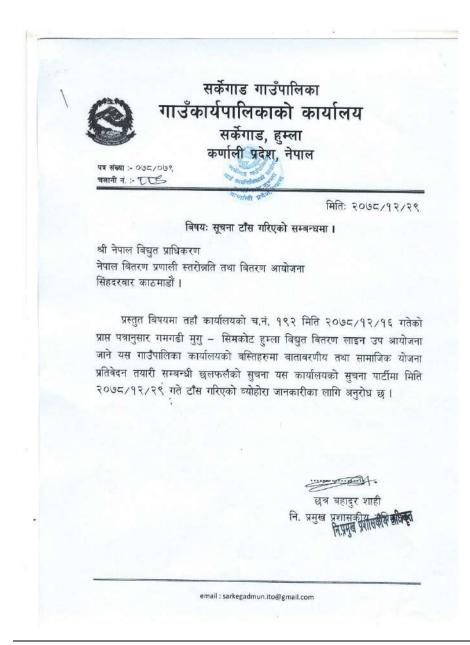


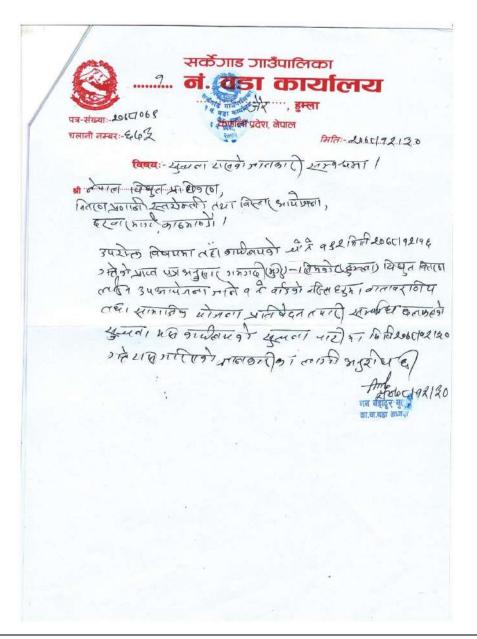


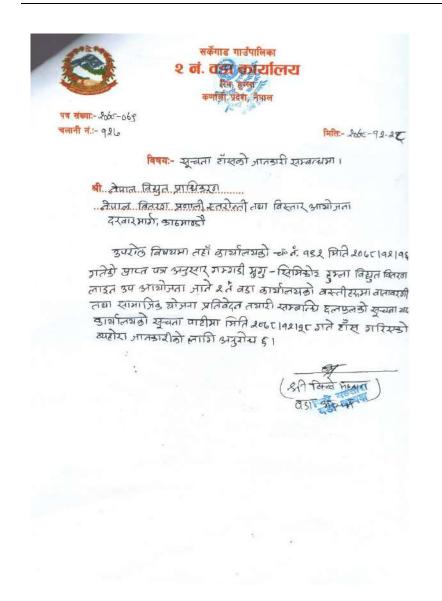


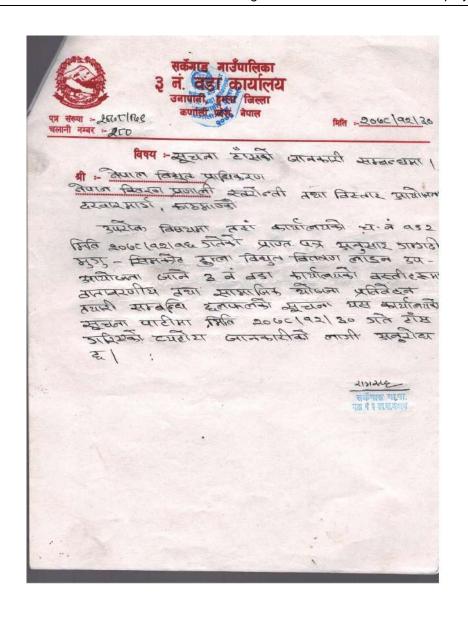


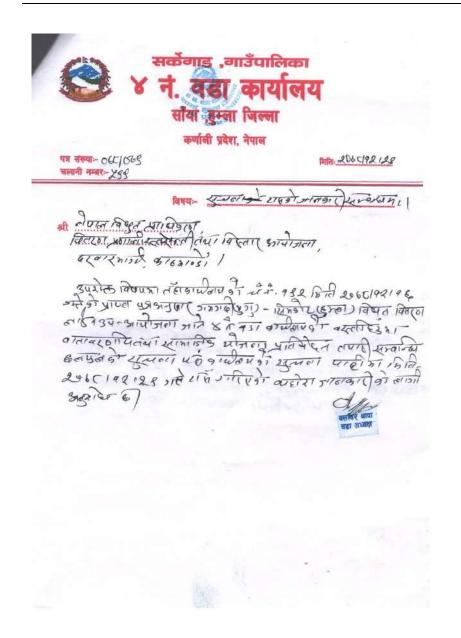


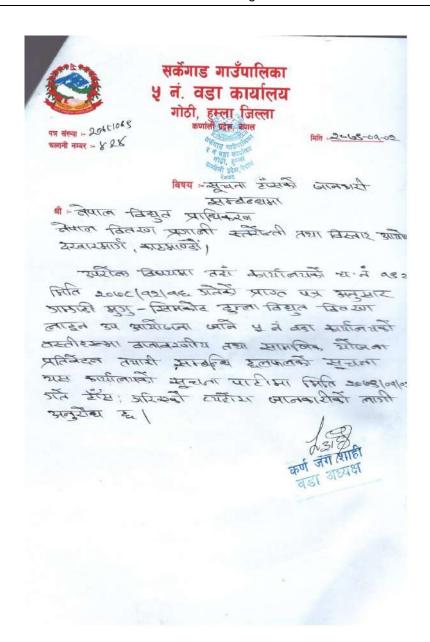


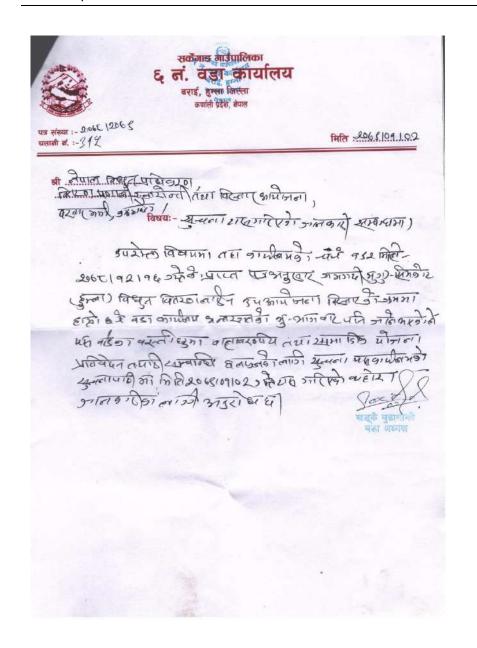














सिमकोट गाउँपालिका

गाउँ कार्यपालिकाको कार्यालय

सिमकोट हुम्ला कर्णाली प्रदेश नेपाल

पत्र संख्याः ००८।०७९ चलानि नं 98 ८५

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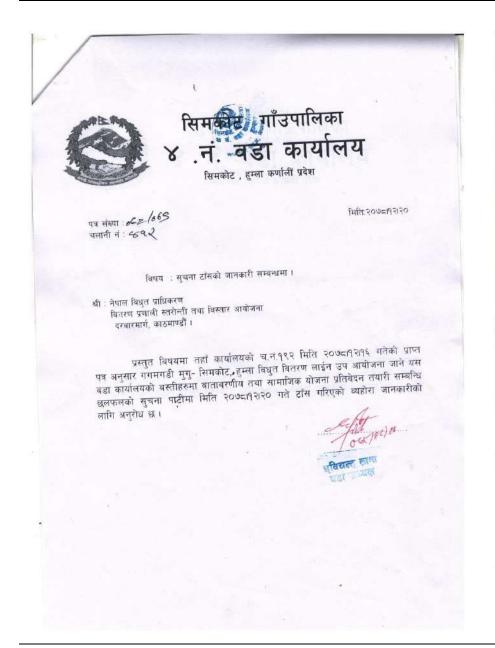
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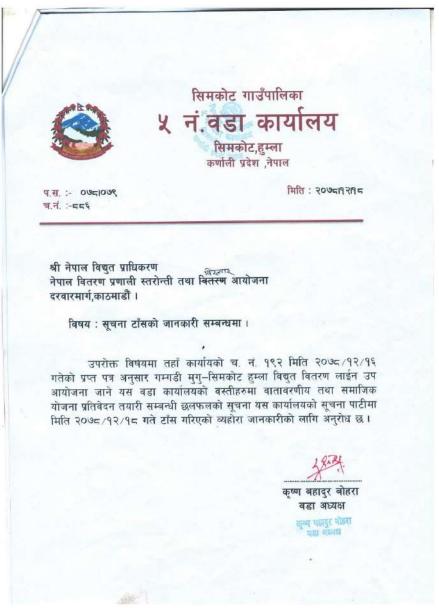
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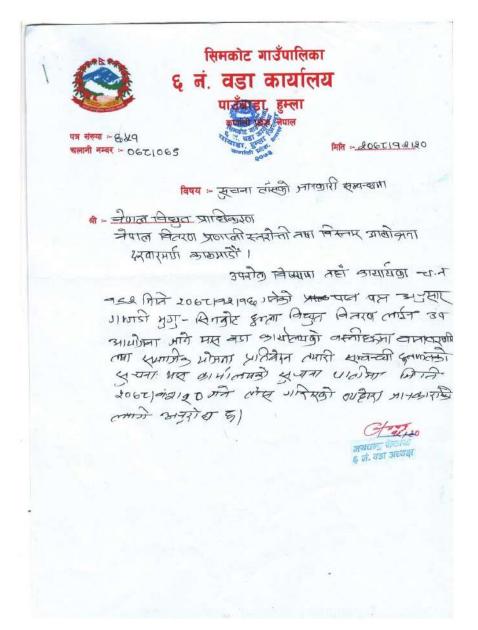
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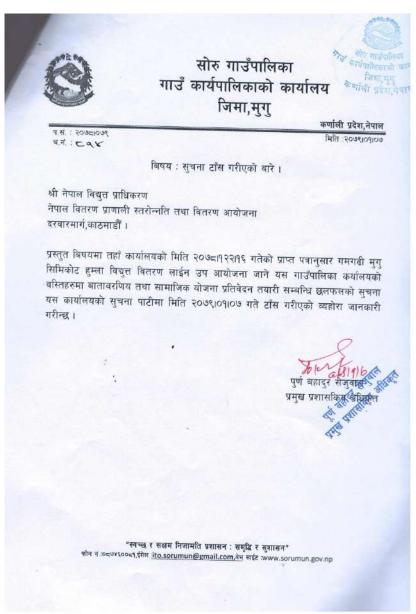
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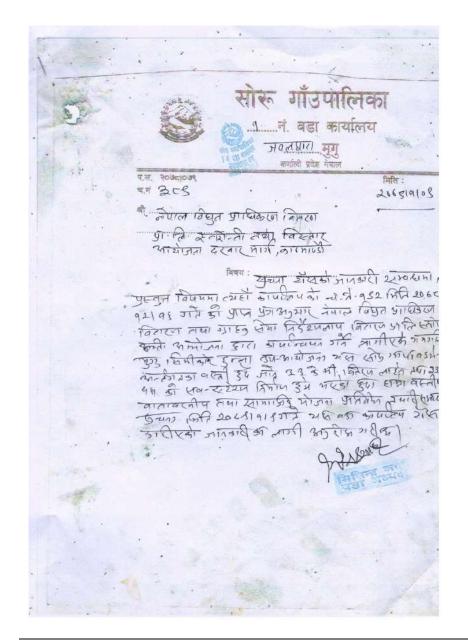
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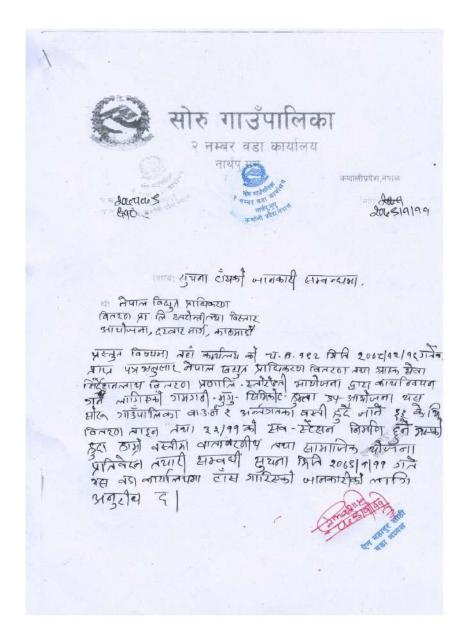












Annex 7: SAFETY RELATED SIGNS AND WASTE MANAGEMENT PRACTICES

SIGNAL NOTICE









DANGER SIGNS









INSTRUCTION SIGNS









SAFETY AND SAFETY INSTRUCTION SIGNS













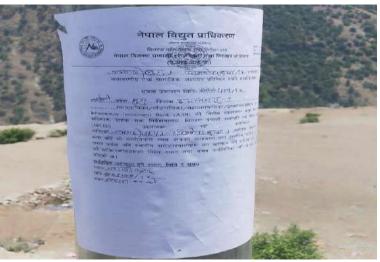
Annex 8: PHOTOGRAPHS



Tapping point at Srinagar at Gamgadh Sano Hydropower Project



Proposed DL route along the RoW of Road



Notice pasted for Public consultation



Crossing of proposed DL route in Humla Karnali River



Proposed DL route along hill slope at Soru RM-6



Crossing of proposed DL route in Humla Karnali River at Soru RM-1 Proposed DL route along the RoW of Road Kharpunath RM-4



Proposed DL route along private farm land at Soru RM-1





Proposed area for Tumcha Substation area at Adanchuli RM-3



Proposed area for Simikot Substation area at Simikot RM-6



Public consultation at Chhayanath Rara Municipality-3 Ward office



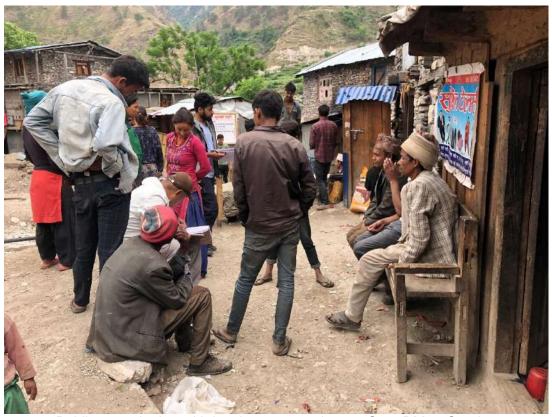
Public consultation with Adanchuli RM Member



Public consultation at Kharpunath RM-5 Ward office



Public consultation with local representatives at Soru RM-8, Tarapani



Public consultation with local representatives at Soru RM-6, Sorukot



Public consultation with the representatives at Simikot RM-6, Simikot

Annex 9: ENVIRONMENTAL AND SOCIAL SCREENING AND RAPID ASSESSMENT GUIDANCE FOR DISTRIBUTION LINE

9.1 Screening Guidance – to be filled up per subproject (11kV line)

Province:
District/Municipality:
Subproject Name:
Subproject Location: name of locations of distribution line (start from/ward/municipalityend to..... (ward/municipality),
Total length of distribution line:.....km/m

Environmental and Social Screening Criteria	Project Requirement
Environmental Impact Assessment Requi	rement
EIA/IEE.	i Ciliciit
As per national requirement (as per Environn	nental Protection Act 2010) does the
subproject require assessment of BES/IEE o	
1.	If "Yes", the subproject needs to prepare
1.	ESMP as per AIIB requirement.
	Low as per And requirement.
Natural Habitat	
Defined as the type of natural environment in	
lives. It is characterized by both physical and	
has not essentially changed the main ecolog	
4. Is the subproject located in a legally	If "Yes", please indicate what type of
protected area based on Forestry Map?	permission it will requires
5. Does distribution line route/poles close to	
any touristic view points, wetlands, and	If "Yes" please indicate what impact it will
sites of cultural / religious / archeological /	entail.
historic significance?	
6. Will the subproject significantly make	If "Yes", please indicate what impact it will
impact of degradation or change of the	entails including cutting down trees etc.
natural known habitat/migration movement	
route of protected rare and endangered	
species and/or forest in the protected area,	
proposed protected area or area	
considered with special ecology?	
7. Does the distribution line/ route and	If "Yes" please indicate what impact it will
locations of poles are falling in any	entail.
landslide & erosion prone/ risk spot where	
geological avoidance is not feasible	
Indigenous Peoples (IPs)	
Identification of the existence IPs is aimed to	guarantee that IPs would be treated as well

Identification of the existence IPs is aimed to guarantee that IPs would be treated as well as other community members and given opportunity to participate and get access to the benefit of the project with ways that would not threat their exclusive culture and welfare. The project has to give correct and detail information of the objective and plan (design, schedule etc) of the subproject with consultation with the IPs before any construction activity in the area started.

The term IPs is used generally for an ethnic individual or group that: (i) are considered by

national or local laws or policies as well as anthropological researches/studies as belonging to ethnic minorities or Indigenous Peoples defined by Nepal Federation of Indigenous Nationalities(NEFIN); (ii) identify as being part of a distinct social and cultural group; (iii) self-identify as being part of a distinct social and cultural group; (iv) maintain collective attachments to distinct habitats or ancestral territories and/or to the natural resources in these habitats and territories; (iv) maintain cultural, economic, social, and political institutions distinct from the dominant society and culture; (v) speak a distinct language or dialect; (vi) have been historically, socially, and economically marginalized, disempowered, excluded, and/or discriminated against; (vii) represented as "Indigenous Peoples" or as "ethnic minorities" in any formal decision-making bodies at the national or local levels.

- 7. Is the subproject area affected community:
- (i) Are considered by national or local laws or policies as well as anthropological researches/studies as belonging to ethnic minorities or Indigenous Peoples defined by Nepal Federation of Indigenous Nationalities(NEFIN)?
- (ii) Identify as being part of a distinct social and cultural group?
- (iii) Self-identify as being part of a distinct social and cultural group?
- (iv) Maintain collective attachments to distinct habitats or ancestral territories and/or to the natural resources in these habitats and territories
- (v) Maintain cultural, economic, social, and political institutions distinct from the dominant society and culture?
- (vi) Speak a distinct language or dialect?
- (vii) Have been historically, socially, and economically marginalized, disempowered, excluded, and/or discriminated against?
- Represented as "Indigenous (viii) Peoples" or as "ethnic minorities" in any formal decision-making bodies at the national or local levels?
- 8. Is there any adverse impact on any groups identified (by answering "Yes") on the point 5?

If "Yes" in any of the question no 7, consultation should be conducted as described above. This should be documented as followed: (i) proof of dissemination of the notice for consultation: (ii) notes on when is the consultation being held, who attend the consultation, what is the result, and documentation of every consultation, with list of attendance segregated by gender. The form of attendance list and notes of meeting is attached in Appendix 11

If "Yes", the subproject is not qualified to be included. Realign.

Cultural Resources

Cultural resources include tangible culture (such as buildings, monuments, landscapes, books, works of art, and artifacts), intangible culture (such as folklore, traditions, language, and knowledge), and natural heritage (including culturally significant landscapes, and biodiversity)

9. Is the subproject temporary or permanently causing relocation or any other negative impacts to cultural heritage that has important significance for local, regional or national based on provincial or national list, proposed provincial or national list, and/or just has been identified when the

If "Yes", the subproject is not qualified to be included

public consultation with project affected	
people was held?	16.02 ((()
10. Is there any cultural heritage especially	If "Yes", the subproject is not qualified to
with important value for local community	be included
(eg. ancestral tomb) being negatively	
affected by the subproject? Land Use	
The development of or erection of distribution	a poles will require use of land. The land
requirement would be optimized by using gov	•
For Right of Way, private land might be affect	
available, and/or necessary to connect to private land	
use of their land and people whose non-land	
secured using written documentary evidence	
During the construction phase, there would b	• •
activities. The contractor on behalf of NEA si	
roadside, and will rent private land with budge	
public land is not available.	
11. Is there any land owned by individual or	If "Yes", the consent form has to be filled
organisation to be affected because of the	and collected. Keep all written letter
subproject?	request and filled consent documentation
' '	in hard copies
12. Is there any subproject activity that	If "Yes", explain briefly why there would be
would restrict or close access to the	restriction and/or closure and what would
community usual activities, facilities and	be the arrangement with the landowners
services, productive assets and natural	and land users.
resources permanently or temporarily?	
	Keep all written filled consent
	documentation in hard copies
13. Is there any crops and/or trees (fruit,	If "Yes", explain briefly what would be the
timber or herb) or fixed assets, loss of	impacts of the trees and crops, loss of
business or enterprises owned by individual	business or enterprises and the
or organisation to be affected because of	arrangement with the landowners,
the subproject?	business owners and land users.
	Keep all written filled consent
	documentation in hard copies include
	reference/basis for compensation.
14. Is there any adverse impact on social	If "Yes", explain briefly what would be the
and economic activities arising from change	adverse impacts on social and economic
in land use 15. Is there restrictions on land and	activities arising from change in land use
	If "Yes", explain briefly what would be the impacts of the restrictions on land and
resources owned communally or by the	ļ .
Government	resources owned communally or by the Government
16. Is there any private land to be used	If "Yes", explain briefly:
temporary during the construction phase for	- location(s) of private land to be used
any construction activities?	- evidence(s) that the land would be rented
arry contraction detailed:	under contractor's contract
Safety Distance	and the second s
As per Electricity Regulation 2050 (1993)	
17Schedule 12 (Distance which ought to be	If "Yes", for any of the question, the
from wire to the ground)	subproject has to redirect the distribution
non who to the ground,	lines plan to follow the safety distance
18. Schedule 13 (Minimum distance which	Note:
1	1

1 9	Keep all plan documented in print-out, any
tree)	change has to be noted in the resource
a.	documents

9.2 Mitigation measures if the impact entails:

	Particulars	Mitigation	Responsibility	Remarks
		measures		
E1.	If route passes through forest area and tree cutting is required.			
E2.	If the distribution line/ route and locations of poles are falling in any landslide & erosion prone/ risk spot where geological avoidance is not feasible.			
E3.	To maintain minimum clearance as per government/NEA standard.			
E4.	If existing transformers are replaced with new one. How to manage to those replaced one			
E5.	Occupational health and safety measures of the works during the erection/installation of poles/cables			
E6.	Issues related to influx of labor/labor camp and sanitation			
E7.	Other if any			

Note: Kindly response mitigation measures with example if any alternative option has been selected/proposed during the survey and design of route. Mitigations measures stated shall be implemented during construction and operation phase.

Each package of the proposal (distribution line) will be subject to environmental screening and environmental compliance monitoring.

9.3 Supporting Form

1	Subproject	
2	Type of Activity (choose in accordance with the activity)	□ Extension of 11 kV distribution lines □ Expansion of distribution lines on existing right of way□ □:
3	Project Description (describe briefly about the project activities from preparation to operation)	
4	Project Location (describe the location of the project in detail, name of sub-village, village district, regency/city and province)	
	Alternatives Considered and Hierarchy of Mitigation Measures applied (for private land and/or land belonging to IPs)	
5	Work Capacity (describe the capacity of the work)	
6	Protected Area (checking whether the project location is in protected location below)	
	a. Protected Area as defined By the Department of National Parks and Wildlife and conservation and Forest Act 2076	□ Protected forest/Types of Forest □ Wetland □ □ □ □ □ □ □ □ □ □ National Park and Wildlife
	c. List of protected	1.
	species/animals based on the International Union for Conservation of Nature (IUCN) List	
7	Land Use – provide explanation for items 12-16 if applicable	
8	IPs Area (checking whether the project location is in IP location or there are presence of IP groups or ethnic minorities in the community)	

^{*} might cross (X) more than one options

Form on Consent of Private Land Owner(s)

Statement Letter

The p	erson signing below	,	
Name	:		
	:		
Addre	ess :		
Phone	Number :		
	ation with the reques ing details:	t for electricity distribution upgrade and e	expansion of NEA with the
Powe	r :		
Locati	on :		
	••••		
Coot	agging (agardinatag		
Geo-t	agging (coordinates 		
from affect partie	all parties that who ed by the developr s on the list below	ve permission for the electricity installated be land and non-land assets (like planent for installing the poles, transformed agree for the usage of the land and branches, cutting of trees).	ants and crops) could be er and right of way. The
List of	Name		
No	Name	Address	Signature
1			
3			
ა			

Witnesses	Applicant
Ward Chair or Ward Member (other	
authority)	(Legal stamp)
	(Name and signature)
(Name and signature)	

Attachment:

2.
 3.

Map of Distribution Network Plan Drawing

For any complaints or request for information, NEA can be contacted via 123.

Notes and List of Attendance of Community Consultations

Notes of	Community	Consultations
----------	------------------	---------------

Date, time :
:
Name of the Village /Municipality and Ward:
:
Name of the Province:
:
Note of the Community Consultation:

Name of the notes:
taker:

Agreed by:
Position:

Signature:

Signature:

Signature:

Signature:

Distribution System Upgrade and Expansion Project (DSUEP)

List of Attendance of Community Consultations

Date, time	:
:	
Name of the Village/	Municipality and Ward:
:	
Name of the Province	e:

No	Name	Gender		Address or Mobile	Signature
		Male (M)	Female (F)	Phone	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Google map of 11kV distribution line

Consent letter of Community Forest User Groups (If route alignment passes through forest)

E & S Screening completed by:
Name:
Designation:
Date:
E & S Screening verified/reviewed by:
Name:
Designation:
Date: