

# ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN

## KUDU–SAMAILA DISTRIBUTION LINE SUBPROJECT

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

JAJARKOT DISTRICT, KARNALI PROVINCE

**NEPAL ELECTRICITY AUTHORITY**

**DISTRIBUTION AND CONSUMER  
SERVICE DIRECTORATE**

**DISTRIBUTION SYSTEM UPGRADE AND  
EXPANSION PROJECT (DSUEP)**

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## TABLE OF CONTENT

LIST OF TABLES.....	II
LIST OF FIGURES .....	II
LIST OF ANNEXES .....	III
ABBREVIATIONS .....	IV
EXECUTIVE SUMMARY .....	VII
1. INTRODUCTION.....	1
1.1 PROJECT BACKGROUND .....	1
1.2 SCOPE OF STUDY .....	1
1.3 OBJECTIVE OF ESMP .....	1
1.4 LEGAL PROVISION .....	2
1.5 METHODOLOGY FOR THE ESMP .....	2
1.6 CLASSIFICATION OF IMPACT AREA.....	3
2. DESCRIPTION OF THE SUBPROJECT .....	6
2.1 SUBPROJECT LOCATION AND ACCESSIBILITY .....	6
2.2 SUBPROJECT COMPONENTS.....	8
2.2.1 33 kV DISTRIBUTION LINE (DL).....	8
2.2.2 SUBSTATION .....	8
2.2.3 11 kV LINES AND LT LINES.....	9
2.3 MAJOR CONSTRUCTION ACTIVITIES IN THE SUBPROJECT .....	10
2.4 ENERGY TO BE USED .....	10
2.5 LAND REQUIRED .....	10
2.6 MATERIAL REQUIREMENT AND SOURCES.....	10
2.7 MAJOR EQUIPMENT AND POWER REQUIREMENTS .....	11
2.8 WORKFORCE REQUIREMENT .....	11
2.9 CONSTRUCTION AND IMPLEMENTATION SCHEDULE .....	12
3. DESCRIPTION OF THE ENVIRONMENT .....	13
3.1 PHYSICAL ENVIRONMENT.....	13
3.1.1 TOPOGRAPHY AND LAND USE .....	13
3.1.2 GEOLOGY .....	14
3.1.3 SEISMOLOGY .....	15
3.1.4 CLIMATE .....	15
3.1.5 AIR, NOISE, WATER QUALITY AND POLLUTING SOURCES .....	16
3.1.6 SOLID WASTE MANAGEMENT .....	17
3.2 BIOLOGICAL ENVIRONMENT .....	17
3.3 SOCIO-ECONOMIC ENVIRONMENT .....	18
4. ANTICIPATED ENVIRONMENTAL AND SOCIAL IMPACTS AND MITIGATION MEASURES.....	21
4.1 ANTICIPATED BENEFICIAL IMPACTS .....	21

4.2	ANTICIPATED ADVERSE IMPACTS .....	22
5.	INFORMATION DISCLOSURE, CONSULTATION, AND PARTICIPATION .....	30
6.	INSTITUTIONAL ARRANGEMENT AND GRIEVANCE REDRESS MECHANISM .....	34
7.	ENVIRONMENTAL AND SOCIAL MANAGEMENT PLAN.....	38
8.	CONCLUSION .....	48
	REFERENCES .....	49

## LIST OF TABLES

Table 2-1: Technical Description of the proposed Subproject.....	7
Table 2-2: Approximate Quantity of Material for 33 kV line.....	11
Table 2-3: Approximate Quantity of Material for 33/11 kV Substation.....	11
Table 2-4: Human Resource Required for construction of 33 kV line and substation in a day of Construction.....	12
Table 2-5: Construction Schedule of Project Implementation .....	12
Table 3-1: Ambient Air and Noise Quality within the Proposed Subproject Site.....	16
Table 3-2: Water Quality of Stream along the Distribution Line Route.....	16
Table 3-3: Estimated Daily Solid Waste Generation from Campsite .....	17
Table 3-4: Forest type along the proposed distribution line .....	18
Table 3-5: General Demographic Characteristic of Subproject Municipality .....	19
Table 4-1: Detail of impacted forest area and trees loss.....	25
Table 5-1: Summary of issues, comments and suggestions received in Consultations .....	32
Table 6-1: Levels of Grievance Redress Mechanism Based on Time Bound .....	36
Table 7-1: Environmental and Social Management Plan (ESMP).....	39
Table 7-2: Minimum Provisions for Environmental Monitoring .....	45
Table 7-3: Mitigation Measures and Monitoring Activities Cost Estimates .....	47

## LIST OF FIGURES

Figure 1-1: Core Project Area and the Surrounding Project Area Wards of the Kudu–Samaila DL Subproject.....	5
Figure 2-1: Location and Accessibility Map of Kudu–Samaila Subproject.....	6
Figure 3-1: Location map and Land use details of the Subproject .....	13
Figure 3-2: Tapping Point of DL at Bay extension point at kudu substation .....	14
Figure 3-3: Kudu–Samaila Substation View .....	14
Figure 3-4: Geological Map of proposed Subproject Area .....	14
Figure 3-5: Seismicity map of Nepal from 1964 -2019.....	15
Figure 5-1: Identified Stakeholder in the Subproject.....	30
Figure 5-2: Consultation with the stakeholders and communities in the Subproject Area. ....	31
Figure 6-1: Institutional Arrangement for Environmental and Social Management.....	34
Figure 6-2: Workflow Diagram for GRM from NEA .....	37

**LIST OF ANNEXES**

Annex 1: SAMPLE NOTICE FOR PUBLIC CONSULTATION AND GRM FORMATION LETTER TO STAKEHOLDERS .....	ii
Annex 2: LAYOUT MAPS OF SUBSTATION AND DISTRIBUTION LINE ALIGNMENT .....	iv
Annex 3: FACILITY AND COMPONENTS .....	xi
Annex 4: LEGISLATIVE PROVISIONS .....	xiv
Annex 5: CONSULATATION MEETING MINUTES.....	xxi
Annex 6: DEED OF ENQUIRY (MUCHULKAS) .....	xxxvii
Annex 7: SAFETY RELATED SIGNS AND WASTE MANAGEMENT PRACTICES .....	lxxiv
Annex 8: PHOTOGRAPHS .....	lxxvi
Annex 9: ENVIRONMENTAL AND SOCIAL SCREENING AND RAPID ASSESSMENT GUIDANCE FOR DISTRIBUTION LINE.....	lxxix

**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
CO <sub>2</sub>	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 **Kudu–Samaila Distribution Line Subproject** is located within Bheri Municipality, Ward No. 2, 3, 4, 5, 11, 12, and 13 and Kushe Rural Municipality (RM), Ward No. 5 and 7 of Jajarkot district in Karnali Province. The Subproject requires 0.63 ha of land (Private Land) for the construction of the substation. The 33 kV distribution line of 42.5 km passes along the Right of Way (RoW) of the road and private land with installation of poles at the edge of the farm lands. 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 hilly region of Jajarkot district. The substation lies at Latitude 28°51'13.36"N, Longitude 82°11'33.59"E, and elevation of 1,985 masl. The climate of the Subproject area is sub-tropical. The average temperature at the project area varied from 8.0°C to 34.0°C. The average annual rainfall is estimated at approximately 1,868.5 mm per year. The air quality of the Subproject area is within the range of national ambient air quality standard while noise was found above noise quality standard because of the vehicular noise nearby the settlement area. There are no any water sources recorded within the distribution line (33 kV) and nearby the substation area.

**Biological Environment:** The proposed substation area land is private land. The land is barren. There is no issue of tree loss at substation site. The proposed 33 kV distribution line passes from the edge of Hariyali Mahila Community Forest (CF), Deulidada CF, Bhagwati CF, Salleri CF, Chumpatel CF. The vegetation species recorded during the screening field visit are: Sal (*Shorea robusta*), Botdhayero (*Lagerstroemia parviflora*), Jamun (*Syzygium cumini*), Bhalayo (*Toxicodendron wallichii*), Rohini (*Mallotus philippensis*), Chir pine (*Pinus roxburghii*), Banmasa (*Lantana camara*), Peepal (*Ficus religiosa*), Rhododendron (*Rhododendron arboreum*), Mayal (*Pyrus pashia*), Kafal (*Myrica esculenta*), Chutro (*Berberis aristata*), Utis (*Alnus nepalensis*), and Banjh (*Quercus lanata*). Similarly, wild animal recorded during the public consultation are: Northern Red Muntjac (*Muntiacus vaginalis*), Indian Hare (*Lepus nigricollis*), Golden Jackel (*Canis aureus*), Himalayan Goral (*Naemorhedus goral*), Rhesus Monkey (*Macaca mulatta*), Wild Boar (*Sus scrofa*), and Yellow-throated marten (*Martes flavigula*). Altogether ten species of birds were noted around the surrounding project area; House Crow (*Corvus splendens*), Western Spotted Dove (*Spilopelia suratensis*), Golden Eagle (*Aquila chrysaetos*), Slaty-headed Parakeet (*Himalayapsitta himalayana*), House Sparrow (*Passer domesticus*), Tree Sparrow (*Passer montanus*), Cheer Pheasant (*Catreus wallichii*), Red-vented Bulbul (*Pycnonotus cafer*), Rock Dove (*Columba livia*), and Chukar Partridge (*Alectoris chukar*).

The proposed 33 kV distribution line passes through 16 different community forests. A total of 14.82 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 6,757.

**Socio-Economic Environment:** The major ethnic compositions within the surrounding project area i.e., Ward No. 2, 3, 4, 5, 11, 12 and 13 of Bheri Municipality and, Ward No. 5 and 7 of Kushe RM are Dalit (33.4%), Chhetri (28.5%), Thakuri (21.8 %) and Magar (9.2%) of the total population of 23,811. The implementation of the Subproject will increase the electricity beneficiaries to 3922 HHs, 29 commercial purposes and 10 industries. Jajarkot Khalanga is the nearest business market nearby the Subproject. The transportation facilities in this local level seem to be satisfactory. 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 equipped health facility to the proposed Subproject is in Jajarkot Hospital at Thaple (Bheri Municipality, Ward No. 4) located at 200 m distance from proposed distribution line alignment and health post at Dhime (Kushe RM, Ward No. 5). The main occupation of people in the area is agro base with nearly 63% contribution followed by small trade and business/enterprises and services.

**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. But the proposed substation land is private land, so there is necessity of land acquisition which issues will be fulfilled by Resettlement Plan. The implementation of the proposed Subproject needs 14.82 ha of forest area with estimated loss of 6,757 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 (2022) in the ratio 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 contractor 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 economy by providing the reliable and improved electricity supply. 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 Lumbini 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 Kudu–Samaila 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, avoid, minimize and mitigate any adverse environmental and social impacts. The overall objectives of the ESMP study 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

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) of 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 Jungle Danda Community Forest (CF), Kaina Timure Danda CF, Budhe Dhungaa CF, Jagatipur CF, Deuli Danda CF, Bhagbati CF, Bohara CF, Syala Pakha Kale Gaun CF, Dara Bhadale Pakha CF, Patal Deurali CF, Bastola CF, Mayur Pankhi CF, Masara CF, Banjh Bisauna CF, Khurpa CF and Chhum Patal CF land area for the purpose of 33 kV distribution line extension and substation construction. Thus, as per EPR (2020), a BES is mandatory for the proposed sub project.

#### 1.5 Methodology for the ESMP

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

- 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**.
- 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 were applicable for the biological assessment. A circular quadrat of radius 12.5m was used for the estimation of the number of trees presence within the RoW of the proposed distribution line. A total of

14 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 sub project 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.

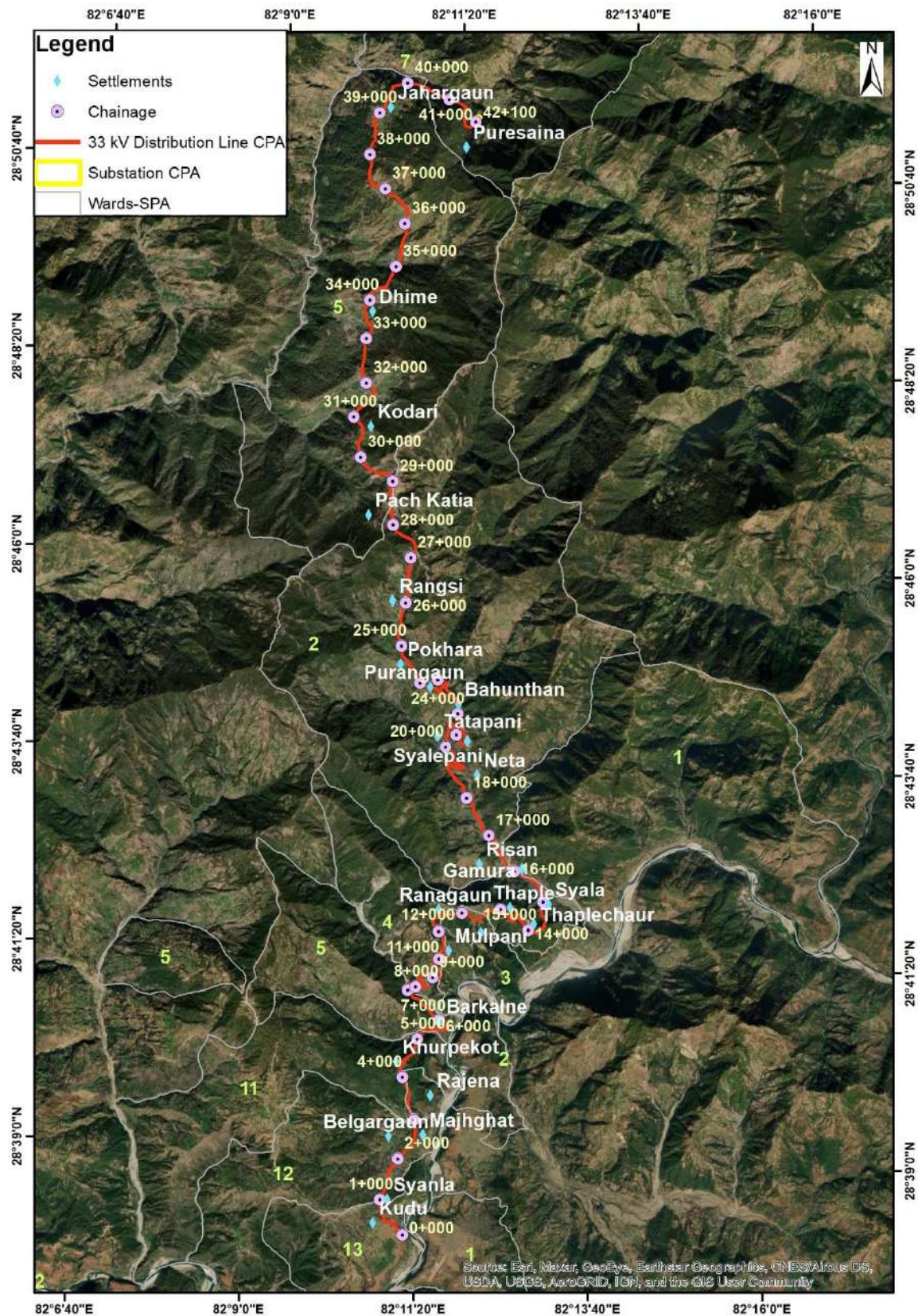
- iii. Data Analysis: All potential Subproject impacts on physical, biological, socio-economic and cultural resources were integrated and assessed using best practice of Multilateral Development Banks, and also complied with national requirements. The Geographic Information System and SW Maps were used 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 area where direct impacts can be seen. For the **Kudu–Samaila Distribution Line Subproject**, the proposed substation area with 0.63 ha and Right of Way (RoW) of 33 kV distribution line with 42.5 km length is considered as CPA. The Subproject components are located within Ward No. 2, 3, 4, 5, 11, 12 and 13 of Bheri Municipality and Ward No. 5 and 7 of Kushe RM. The major settlements in the subproject area are Kudu, Tharpudada, Kukhurakot, Gairikhali, Thaplechaur, Bhaunthana, Pokhara, Panchkatiya, Damdala, Dhime, Khurpa, Jahargaun and Thinkethala. The distribution line stringing route passes along the edge of the cultivated land (1+050-1+450, 2+800-2+900, 3+900-4+550, 5+185-5+200, 5+250-5+385, 28+225-28+975, 30+250-30+300, 30+400-30+600, 31+050-31+100, 31+250-31+700, 33+850-35+600, 36+020-36+200, 36+550-36+600, 36+700-36+800, 38+400-38+810), along the RoW of road alignment (1+450-2+800, 5+385-5+500, 25+350-28+225, 28+975-30+250, 30+300-30+400, 31+700-33+825, 36+200-36+300, 36+800-38+400 and 38+810-39+500), along the barren land (35+830-36+020, 36+300-36+550, and 36+600-36+700) and forest area (0+800-1+000, 1+400-1+600, 2+000-4+000, 4+400-5+200, 5+600-7+100, 7+400-9+400, 10+600-13+800, 14+200-15+000, 19+000-23+400, 24+600-28+200, 29+400-30+200, 30+600-31+200, 32+000-33+400, 34+400-35+800 and 37+400-42+100).

**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. 2, 3, 4, 5, 11, 12 and 13 of Bheri Municipality and Ward No. 5 and 7 of Kushe RM of Jajarkot district 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**.

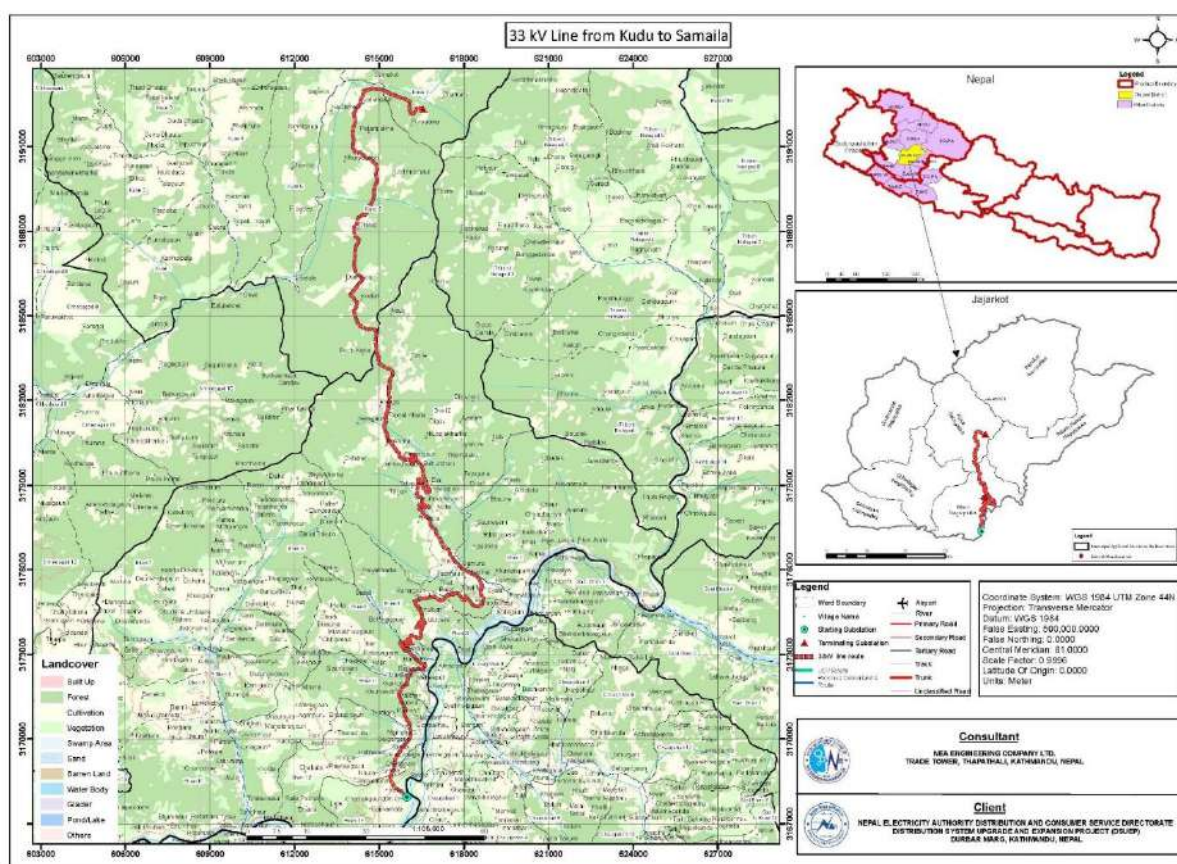


**Figure 1-1:** Core Project Area and the Surrounding Project Area Wards of the Kudu–Samaila DL Subproject

## 2. DESCRIPTION OF THE SUBPROJECT

### 2.1 Subproject Location and Accessibility

The proposed **Kudu–Samaila Distribution Line Subproject** is located within Bheri Municipality, Ward No. 2, 3, 4, 5, 11, 12, and 13 and Kushe RM, Ward No. 5 and 7 of Jajarkot district in Karnali Province. The tapping point of Subproject 3 lies in existing line 33 kV Kudu substation at Tinkethala of Bheri Municipality- 13, Jajarkot. The proposed distribution line (33 kV) is 42.5 km in length and runs by the edge of Chhinchu-Jajarkot-Dunai Road section up to Syala and follow the edge of private farm lands and enters to the Jajarkot Khalanga, Dhumjala and Dhime settlement area passing along the RoW of the access road. There is access to road transport within the proposed Subproject Ward area. The Subproject location and the accessibility map are presented in the map below. The main features of the Subproject are presented in **Table 2-1**.



**Figure 2-1: Location and Accessibility Map of Kudu–Samaila Subproject<sup>1</sup>**

<sup>1</sup> Source: Department of Survey, 1995 and Field Study 2021

**Table 2-1:** Technical Description of the proposed Subproject

Description	Features
Proponent	Nepal Electricity Authority
Project	Distribution System Upgrade and Expansion Project (DSUEP)
Subproject	<b>Kudu–Samaila Distribution Line Project</b>
Funding Agency	AIIB
Project Location	Bheri Municipality, Ward No. 2, 3, 4, 5, 11, 12, and 13 and Kushe Rural Municipality, Ward No. 5 and 7 of Jajarkot district, Karnali Province
<b>Distribution Line</b>	
33 kV Line Starting Point	Tapped from Existing Kudu Substation, Bheri RM- 13, Jajarkot. Co-ordinate: Lat 28°38'0.78"N, Long 82°11'10.31"E
33 kV Line End Point	Samaila Substation (Proposed) at Kushe RM -7, Tinkethala, Jajarkot Co-ordinate: Lat 28°51'13.36"N, Long 82°11'33.59"E
Land type	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: 34°C Altitude (Min, Max): 735, 2150 masl
Length of Line/ No. of Pole	42.5/1063 Poles
Right of way	6 m
Number of Circuit	1
Conductor	ACSR Dog
Line Capacity/Thermal Limit (approx.)	13.4 MW at 0.9 power factor
Type	Steel Tubular Pole with 11m/13m Height
Pole Configurations	Single Pole Structures, H-Pole Structures etc. (With and without Stay Sets)
Diameter of a Single Pole (approx.)	0.22m (As per IS 2713-3)
Planting Depth of Pole	2.2m
Insulators	Porcelain Disc and Pin Insulator
<b>Substation</b>	
Location	Samaila Substation (Proposed) at Kushe RM -7, Tinkethala, Jajarkot Co-ordinate: Lat 28°51'13.36"N, Long 82°11'33.59"E Elevation: 1985 masl
Land type	Private
Voltage Level	33/11 kV
Substation Capacity	3 MVA
Number and Capacity of Transformer	1 nos., 3 MVA
Type of Transformer	3 Phase, ONAN/ONAF, Mineral Oil
Type of Substation	AIS (33 kV) and Indoor (11 kV)
Number of 33 kV Line Bays	1
Number of 33 kV Transformer Bays	1
Number of 11kV Feeders	4
Substation Area	0.63 ha Parcel Number.....

## 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 strung 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 42.5 km and the total number of steel tubular poles to be erected is estimated as 1,063.

**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 substation 33/11 kV is of capacity 3 MVA. 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 transformer of 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 starting the construction of those lines start.

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 within the proposed substation boundary have to be cleared for the construction work. The proposed Kudu–Samaila Line Subproject intercepts forest area 14.82 ha. The estimated loss of trees species in the RoW of 33 kV lines are 6,757.

- I. 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 **Kudu–Samaila Subproject** will require about 0.63 ha of land for building the proposed the substation. The land is private land and will be managed by NEA to construct the substation in the designated area. The 33 kV distribution line is 42.5 km length which pass from private farm lands, Community Forest and along the RoW of the road.

## 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 markets. The design team has provided the following estimate of construction materials required for 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.)	5	7
5	Helper (No.)	3	12
6	Labour (No.)	15	20

Source: Design Report, DSUEP

## 2.9 Construction and Implementation Schedule

Implementation of the proposed the Subproject comprises 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)					
		1-3	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. 2, 3, 4, 5, 11, 12 and 13 of Bheri Municipality and Ward No. 5 and 7 of Kushe RM of Jajarkot district, Karnali Province. The tapping point is situated at Latitude 28°38'0.78"N and Longitude 82°11'10.31"E, with an elevation of 735 masl (**Figure 3-1**). The proposed distribution line (33 kV) of 42.5 km passes through the RoW of Chhinchu-Jajarkot-Dunai Road Section up to Syala and follow edge of private farm lands, settlement and community forest area.



Figure 3-1: Location map and Land use details of the Subproject<sup>2</sup>

The substation lies at Latitude 28°51'13.36"N, Longitude 82°11'33.59"E and elevation of 1,985 masl (**Figure 3-3**). The proposed substation boundary lies within a 0.63 ha area. The site is primarily within the flat land with little depressed. It lies in open and clear barren land

<sup>2</sup> Source: Topographic Map, Department of Survey, 1995 and Field Study 2021

and private land. None of the private and public entities will be affected due to the implementation of the distribution line system, as it will be installed within the RoW of the existing road and the edges of the cultivated land. The land use map details with the components of the Subprojects are presented in **Annex 2**.



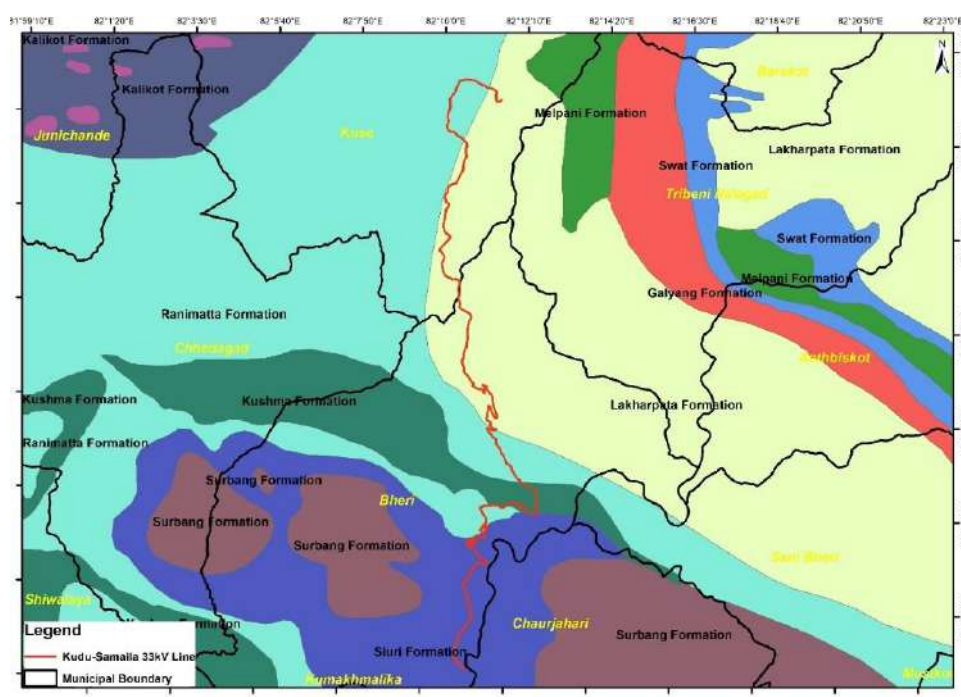
**Figure 3-2:** Tapping Point of DL at Bay extension point at kudu substation



**Figure 3-3:** Kudu–Samaila Substation View

### 3.1.2 Geology

Geologically, the proposed Subproject lies on the Lesser Himalaya sequence of a Ranimatta Formation of Precambrian age. At Belgar Kastari the line passes from the left side of the village to the right side of the village, passing through weathered and brittle deformed foliated phyllite, quartzite in the Khalanga section. At Rautakhoriya line emerges from silty clay cultivation and the line. No major geological hazard has been identified associated with the proposed Subproject except moderate chances of erosion within the expanded flood plain area of local stream.



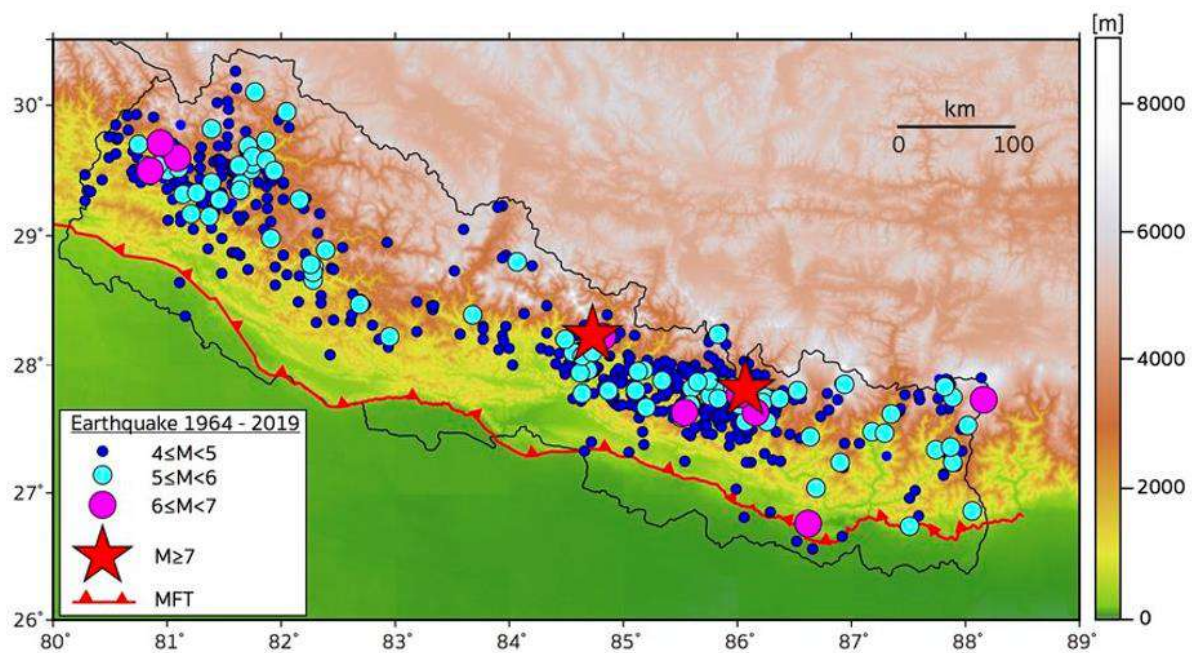
**Figure 3-4:** Geological Map of proposed Subproject Area<sup>3</sup>

<sup>3</sup> Source: Department of Mines and Geology (DMG), 2020

The line leaves the barren land at the Dhime and travels to the spur/valley, where it follows the weathered quartzite rock to the cultivation land of the Laxmi School. The line connects the Jogimara to the cultivation ground's cohesive silty clay soil. The line runs from the left side of the road to the edge of a colluvium deposit of phyllite and quartzite boulders at Jargau. The land for the proposed substation is desolate with phyllite, quartzite and other minerals found in colluvium deposits.

### 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**.



**Figure 3-5:** Seismicity map of Nepal from 1964 - 2019<sup>4</sup>

### 3.1.4 Climate

The climate of the Subproject area is sub-tropical. According to DHM 2021, the average temperature at the project area varied from 8.0°C to 34.0°C. The relative humidity is in the range of 84% to 87 %. The average annual rainfall is estimated at approximately 1,868.5 mm per year. Almost 80% of rainfall occurs during monsoons (June to September).

<sup>4</sup> Source: USGS catalogue, 2019

### 3.1.5 Air, Noise, Water Quality and Polluting Sources

The major air polluting sources recorded are only from 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 site is the source of noise generation. Following table shows the real-time quality of air and noise during field study.

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

SN	Location/ Chainage	Air Quality <sup>5</sup> -Temtop Airing-1000 PM Detector ( $\mu\text{g}/\text{m}^3$ )					Noise Level -UNI-T UT 353 Mini Sound Meter (dB)		
		PM <sub>2.5</sub>	Level	PM <sub>10</sub>	Level	Average Time of Measurement	Measured	Ref. <sup>6</sup>	Area
1.	Tapping Point	46.5	100	46.8	200	1-hour	41.9	50	Residential Area
2.	Substation	17.7		34.8			37.6		

Source: Field Visit, 2022

The air quality of the SPA was found within the range of National Ambient Air Quality Standard while noise was found above Noise Quality Standard because of the vehicular noise nearby the settlement area.

Bheri River lies about 500m far from tapping point. Perennial stream and Kokola stream lie about 700 m far from the proposed substation site. The physical parameter of the Bheri River was tested nearby tapping point.

**Table 3-2: Water Quality of Stream along the Distribution Line Route**

S N	DL/ SS	Location	Stream Name	Flood plain width (m)	DL distance from Stream	Parameter- EXTECH ExStik II DO600					
						Temp. (°C)	Ref. <sup>7</sup>	pH	Ref.	EC ( $\mu\text{c}/\text{cm}$ )	Ref.
1.	DL	Bheri RM-13, Kudu (Ch. 0+000)	Bheri River	200	500m	22.8	<40°C	7.21	5.5-9.0	121	1500

Source: Field Visit, 2022

The water quality of the Bheri River was found to be within the limit of acceptance for the aquatic life in the stream. The water parameter data is compared with Nepal Water Quality Guidelines for the Protection of Aquatic Ecosystem. The construction activities of the Subproject components will not have impact to the local stream.

<sup>5</sup> National Indoor Air Quality Standard, 2009

<sup>6</sup> National Ambient Sound Quality Standard, 2012

<sup>7</sup> Nepal Water Quality Guidelines for the Protection of Aquatic Ecosystem, 2019

### 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 3-3**.

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

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
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 substation area land is private land. The land is barren and no issues of tree loss in substation area. The proposed 33 kV distribution line passes from the edge of Jungle Danda Community Forest (CF), Timure Danda CF, Budhe Dhungaa CF, Jagatipur CF, Deuli Danda CF, Bhagbati CF, Bohara CF, Syala Pakha Kale Gaun CF, Dara Bhadale Pakha CF, Patal Deurali CF, Bastola CF, Mayur Pankhi CF, Masara CF, Banjh Bisauna CF, Khurpa CF and Chhum Patal CF. The proposed Subproject lies within the elevation range from 735 to 2150 masl of Jajarkot District and thus is located in the sub-tropical bioclimatic zone.

The vegetation species recorded during the screening field visit are: Sal (*Shorea robusta*), Botdhayero (*Lagerstroemia parviflora*), Jamun (*Syzygium cumini*), Bhalayo (*Toxicodendron wallichii*), Rohini (*Mallotus philippensis*), Chir pine (*Pinus roxburghii*), Banmasa (*Lantana camara*), Peepal (*Ficus religiosa*), Rhododendron (*Rhododendron arboreum*), Mayal (*Pyrus pashia*), Kafal (*Myrica esculenta*), Chutro (*Berberis aristata*), Utis (*Alnus nepalensis*), and Banjh (*Quercus lanata*).

Similarly, wild animal recorded during the public consultation are: Northern Red Muntjac (*Muntiacus vaginalis*), Indian Hare (*Lopus nigricollis*), Golden Jackel (*Canis aureus*), Himalayan Goral (*Naemorhedus goral*), Rhesus Monkey (*Macaca mulatta*), Wild Boar (*Sus scrofa*), and Yellow-throated marten (*Martes flavigula*). Altogether ten species of birds were noted around the surrounding project area; House Crow (*Corvus splendens*), Western Spotted Dove (*Spilopelia suratensis*), Golden Eagle (*Aquila chrysaetos*), Slaty-headed Parakeet (*Himalayapsitta himalayana*), House Sparrow (*Passer domesticus*), Tree Sparrow (*Passer montanus*), Cheer Pheasant (*Catreus wallichii*), Red-vented Bulbul (*Pycnonotus*

cafer), Rock Dove (*Columba livia*), and Chukar Partridge (*Alectoris chukar*). All these bird species are of the least concern under IUCN categorizations.

The Dhorpatan Hunting Reserve lies at a distance of 50 km from the proposed substation site, thus there will be no any impact to the protected species of the protected area. The proposed 33 kV distribution line passes through the 16 different community forests as shown in **Table 3-4**. A total of 14.82 ha of the forest area will be occupied by RoW of proposed 33 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 6,757.

**Table 3-4:** Forest type along the proposed distribution line

SN	Name of CF	Chainage	District	Municipality/RM	Ward No.
1	Jungle Danda	0+800-1+000	Jajarkot	Bheri Municipality	13
2	Timure Danda	1+400-1+600	Jajarkot	Bheri Municipality	12
3	Budhe Dhungaa	2+000-4+000	Jajarkot	Bheri Municipality	12
4	Jagatipur	4+400-5+200	Jajarkot	Bheri Municipality	11
5	Deuli Danda	5+600-7+100	Jajarkot	Bheri Municipality	5
6	Bhagbati	7+400-9+400	Jajarkot	Bheri Municipality	4
7	Bhagbati	10+600-11+600	Jajarkot	Bheri Municipality	4
8	Bohara	11+600-13+800	Jajarkot	Bheri Municipality	3
9	Syala Pakha Kale Gaun	14+200-15+000	Jajarkot	Bheri Municipality	3
10	Dara Bhadale Pakha	19+000-23+400	Jajarkot	Bheri Municipality	2
11	Patal Deurali	24+600-25+300	Jajarkot	Bheri Municipality	2
12	Bastola	25+400-28+200	Jajarkot	Bheri Municipality	2
13	Mayur Pankhi	29+400-30+200	Jajarkot	Kushe RM	5
14	Mayur Pankhi	30+600-31+200	Jajarkot	Kushe RM	5
15	Masara	32+000-33+400	Jajarkot	Kushe GaPa	5
16	Banjh Bisauna	34+400-35+000	Jajarkot	Kushe GaPa	5
17	Khurpa	35+000-35+800	Jajarkot	Kushe GaPa	5
18	Chhum Patal	37+400-42+100	Jajarkot	Kushe GaPa	7

Source: Field Visit, 2022

### 3.3 Socio-economic Environment

**Demography and Ethnic Compositions:** The proposed Subproject area lies in Ward No. 2, 3, 4, 5, 11, 12 and 13 of Bheri Municipality and Ward No. 5 and 7 of Kushe RM of Jajarkot district. Jajarkot Khalanga is the nearest business market nearby the Subproject. The general demographic information of the affected Municipality and RM is presented in Table 3-5. The major ethnic compositions within the surrounding project area i.e., Ward No. 2, 3, 4, 5, 11, 12 and 13 of Bheri Municipality and Ward No. 5 and 7 of Kushe RM are Dalit (33.4%), Chhetri (28.5%), Thakuri (21.8%) and Magar (9.2%) of the total population of 23,811. Majority of people follow the Hinduism and rest follow Buddhism and Christianity. The Core Project Area (CPA) of the Subproject will not affect any indigenous people.

**Table 3-5:** General Demographic Characteristic of Subproject Municipality

S.N.	Local Level	Ward No	HH	Population		
				Male	Female	Total
1	Bheri Municipality	2	896	2346	2270	4616
2		3	422	1004	977	1981
3		4	560	1128	1254	2382
4		5	415	1039	1050	2089
5		11	596	1523	1606	3129
6		12	461	1121	1211	2332
7		13	384	813	1005	1818
8	Kushe RM	5	611	1680	1610	3290
9		7	357	1055	1119	2717
Total			4702	11709	12102	23811

Source: (CBS, Rural Municipality-Municipality Profile of Jajarkot District, 2018)

**Road Accessibility:** Subproject-Ward No. 2, 3, 4, 5, 11, 12 and 13 of Bheri Municipality and Ward No. 5 and 7 of Kushe RM is connected to Chhinchu-Jajarkot-Dunai Road Section. The transportation facilities in this locality are good. It is 20-25 minutes to reach Municipality and RM office from the Subproject area.

**Electricity Beneficiaries:** The implementation of the Subproject will increase the electricity beneficiaries to 3922 HHs, 29 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. About 57.8% of the households in the proposed Subproject's area have access to tap/piped water. Almost all the houses in the area have some sort of toilet facility.

**Health Facility:** The nearest and easily accessible equipped health facility to the proposed Subproject is in Jajarkot Hospital at Thaple (Bheri Municipality, Ward No. 4) located at a distance of 200 m distance from proposed distribution line alignment and health post at Dhime (Kushe RM, Ward No. 5).

**Communication:** People of the Subproject have access with communication facilities mainly through mobile telephone services provided by both government and private sector. In the Subproject, people have access with local and national FM Radio networks and local newspaper facility.

**Occupation:** Agriculture is the main occupation of people in the Subproject area with nearly 63% 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 21 skilled manpower and 58 unskilled manpower for the period of 10-12 months for the erection of poles and stringing the distribution lines and 16-18 months for the building of the substation. The local people within the SPA and OPA 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 Guitha (made from cow dung), 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 0.63 ha of land for the substation. The proposed substation land area is private land. The land will be converted to the substation area surrounded by proper boundary wall. Distribution Line passes through private land, Community Forest and along the RoW of the 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 private land. *The impacts due to 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 Erosion and Landslide

The proposed Subproject area DL have the stream crossing on Ibragad Khola, Pasangad Khola, Khoch Khola and Khahare Khola and is susceptible to high erosion from landslide during rainy season. The distribution line length is 42.5 and about 0.4 km length passes from the landslide prone zone. The proposed DL will pass through the edge of Chhinchu-Jajarkot-Dunai Road Section up to Syala and follow cultivated land, settlement area and community forest area. The possible landslide is during the rainy season resulting erosion nearby the DL alignments. *The magnitude of impact is considered moderate, the extent is site-specific, and the duration is long-term.*

#### Mitigation Measures

- Concrete foundation is recommended for steel tubular pole installation for 33 kV lines,
- Pit hole prepared for the installation of steel tubular pole shall not be left open as possibility of accident may arise.
- Protection works along the eroded section of the Ibragad Khola, Pasangad Khola, Khoch Khola and Khahare Khola of the distribution line stretch.
- The client needs to coordinate with local level governments and request the local government to give priority for the embankment activities for the protection of cultivated land and proposed 33 kV distribution lines.

##### 4.2.3 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 with 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.

#### **4.2.4 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, a boundary walls serve as a noise barrier, and they should be constructed as early as possible.

#### **4.2.5 Drainage and Water Quality**

Substation sites of 0.63 ha 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.

#### **4.2.6 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 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 tarpaulin while transporting it from earth-borrowing areas.
- Simultaneous water sprinkling and compaction of spoil shall be done using the roller.

**4.2.7 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 managed 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, 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****4.2.8 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 proposed Subproject avoids forest area and other sensitive biodiversity area. Hence, there will be no significant impact to biological environment because of construction of substation and distribution lines.

### Construction Phase

#### 4.2.9 Loss of Habitat

As the proposed substation area is a barren land and no issues of tree loss in substation area, 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 14.82 ha. The estimated number of trees to be cleared from the Core Project Area of the distribution line alignment passes along different community forests are 6,757. 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.*

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

Area (ha)			Name of species	No. of trees	
33 kV line	Substation	Total		33 kV line	Substation
14.82	-	14.82	<i>Shorea robusta</i>	4159	-
			<i>Lagerstroemia parviflora</i>	270	-
			<i>Mallotus philippensis</i>	30	-
			<i>Semecarpus anacardium</i>	333	-
			<i>Emblia officinalis</i>	136	-
			<i>Ficus religiosa</i>	15	-
			<i>Alnus nepalensis</i>	423	-
			<i>Rhododendron arboreum</i>	317	-
			<i>Syzygium cumini</i>	106	-
			<i>Quercus leucotrichophora</i>	30	
			<i>Pyrus pashia</i>	45	
			<i>Myrica esculenta</i>	91	
			<i>Pinus roxburghii</i>	801	
			<b>Total</b>	<b>6757</b>	

#### 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

### 4.2.10 Bird electrocution and collision

The Subproject area is located in a 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 (substations and distribution lines). 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

### 4.2.11 Land Requirement

The land required for the proposed substation area is 0.63 ha, is the private land, that will be managed by NEA later. This has been confirmed officially through Ward Office, Bheri Municipality. NEA is given the right to use the land to build and operate a substation. 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. But the proposed substation land is private land, so there is necessity of land acquisition which issues will be fulfilled by Resettlement Plan. For the construction of distribution lines, owners of private land along the route have assured and committed for 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 the crops 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.

### 4.2.12 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.

**4.2.13 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, and 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.

**4.2.14 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.

#### **4.2.15 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**

#### **4.2.1 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 strung above the house.
- Security fences around the substation.
- Establishment of warning signs
- Shutdown shall be taken during work on the DL route

#### **4.2.2 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.<sup>8</sup> 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.

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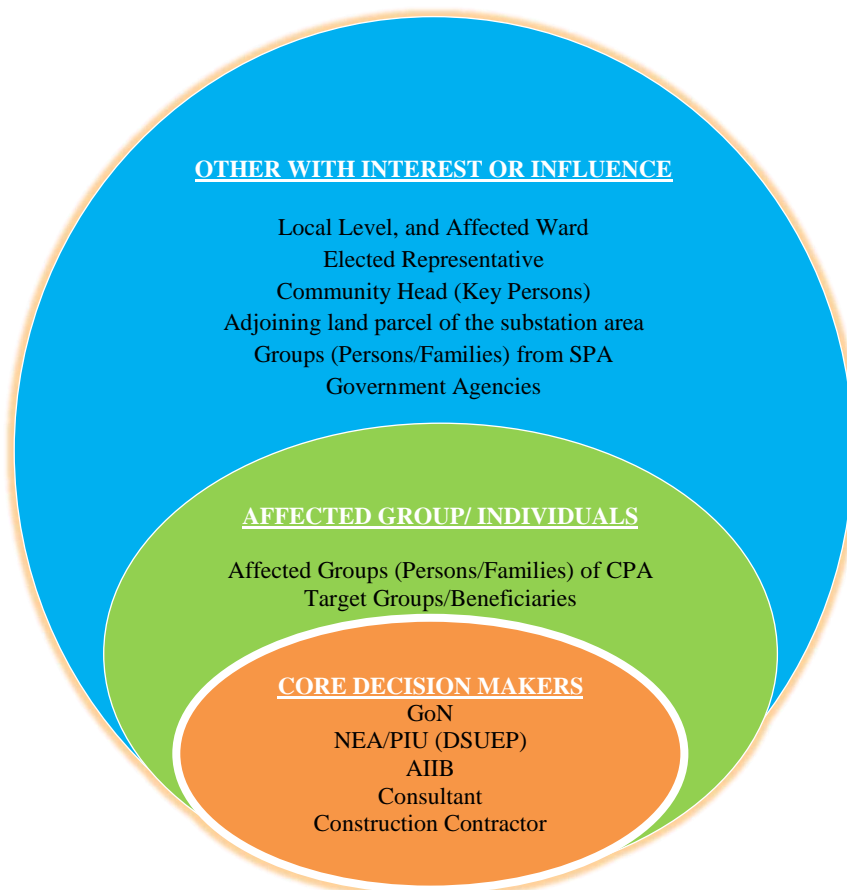
<sup>8</sup> E.g., at a distance of 10 meters from a single distribution line or conductor, electrical flux density drops to 1% of the field strength at a distance of 1 meter from the conductor:  $1 / (10 \times 10) = 1\%$ . Likewise, the magnetic field drops to 0.1% of the field strength at the conductor:  $1 / (10 \times 10 \times 10) = 0.1\%$ .

## 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 stakeholder 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 Subproject<sup>9</sup>

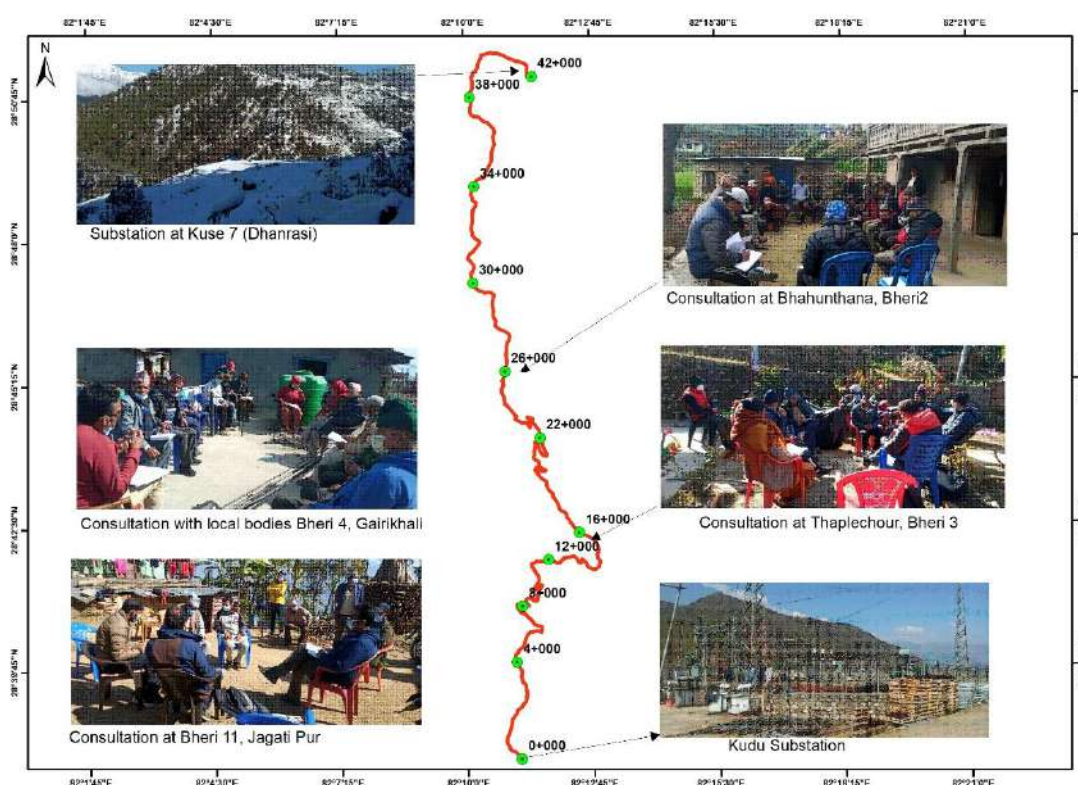
- i. The notices with the subject of consultation, venue, and time were pasted at the Subproject footprint area, local level and affected Ward office in presence of concerned local stakeholders. People were explained about the notices and their views were noted and agreed upon as Minutes.
- ii. Study 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 implementation. Municipalities were requested to provide written suggestions. The deed of inquiry (Muchulkas) and Letter of Declaration from the stakeholders are presented in **Annex 6**.

<sup>9</sup> Referenced Meaningful stakeholder engagement: a joint publication of the MFI working group on environmental and social standards / Reidar Kvam, PP-19, 2019.

- iii. 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).
- iv. 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 Bheri Municipality, Kudu (Ward No. 13) on 13<sup>th</sup> February, 2022, Tharpudada (Ward No. 12) on 29<sup>th</sup> January 2022, Kukhurakot (Ward No. 11) on 31<sup>st</sup> January 2022, Gairikhali (Ward No. 4) on 1<sup>st</sup> February 2022, Thaplechaur (Ward No. 3), Bhaunthana (Ward No. 2) on 9<sup>th</sup> February 2022, and Pokhara (Ward No. 2) on 8<sup>th</sup> February 2022. Similarly, Kushe RM, Panchkatiya (Ward No. 5) on 8<sup>th</sup> February 2022, Damdala (Ward No. 5) on 8<sup>th</sup> February 2022, Dhime (Ward No. 5) on 7<sup>th</sup> February 2022, Khurpa (Ward No. 5) on 7<sup>th</sup> February 2022, Jahargaun (Ward No. 5) on 6<sup>th</sup> February 2022 and Thinkethala (Ward No. 5) on 5<sup>th</sup> February 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.<sup>10</sup>

<sup>10</sup> Field Study, 2021. Used SW Map and GIS

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**.

### 5.3 Comments and Suggestion Received

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

Source: Field Visit, 2022

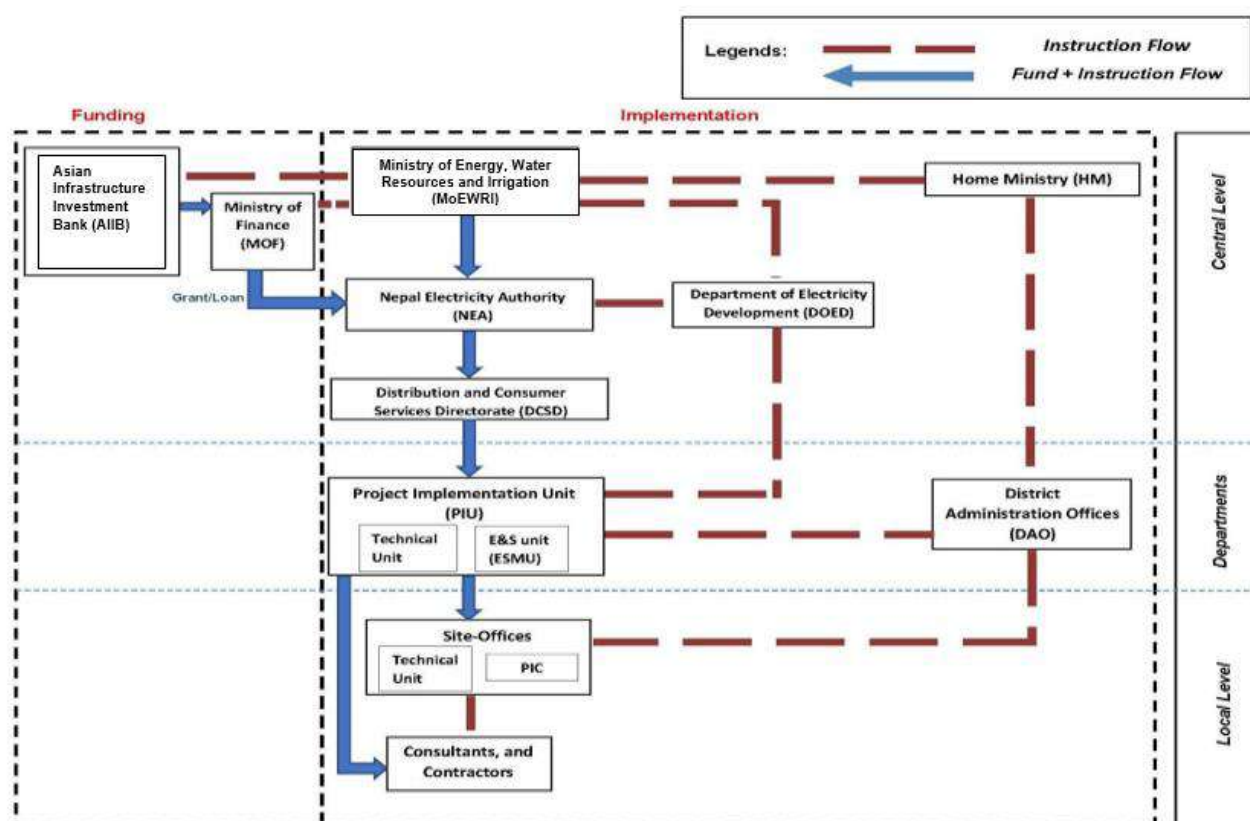
Date	Location	Issues, comments and suggestions received	Participants
5 <sup>th</sup> February 2022	Bheri Municipality, Ward No.13, Kudu	<ul style="list-style-type: none"> <li>The distribution line should be installed away from the settlements area and private land. In case if it has to be passed through the private land, the pole should be installed at the edge (the up and down the side of the land).</li> <li>The local people should be given priority for the employment based on the knowledge and skill in the construction of the project.</li> <li>The project should compensate the damage of private properties (crops and trees) caused by expanding the distribution line.</li> <li>While constructing the sub-project, there should not be any negative impacts on archaeological, religious momentous, or to any structures of public importance.</li> <li>It is informed that there are no residences of indigenous people within the direct project affected area.</li> <li>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 people</li> <li>The construction of this proposed sub-project will have the support and cooperation of local people and stakeholder.</li> <li>It is informed that there are no any places of ritual and cultural importance in the project area.</li> </ul>	17,0F-17M
29 <sup>th</sup> January 2022	Bheri Municipality, Ward No.12, Tharpudada		25,16F-9M
31 <sup>st</sup> January 2022	Bheri Municipality, Ward No. 11, Kukhurakot		17,5F-12M
1 <sup>st</sup> February 2022	Bheri Municipality, Ward No. 4, Gairikhal		15,3F-12M
2 <sup>nd</sup> February 2022	Bheri Municipality, Ward No. 3, Thaplechaur		9,2F-7M
9 <sup>th</sup> February 2022	Bheri Municipality, Ward No. 2, Bhaunthana		25,3F-22M
8 <sup>th</sup> February 2022	Bheri Municipality, Ward No. 2, Pokhara		22,8F-14M

Date	Location	Issues, comments and suggestions received	Participants
8 <sup>th</sup> February 2022	Kushe RM, Ward No. 5, Panchkatiya		28,9F-19M
8 <sup>th</sup> February 2022	Kushe RM, Ward No. 5, Damdala		16,1F-15M
7 <sup>th</sup> February 2022	Kushe RM, Ward No. 5, Dhime		20,3F-17M
7 <sup>th</sup> February 2022	Kushe RM, Ward No. 5, Khurpa		45,16F-29M
6 <sup>th</sup> February 2022	Kushe RM, Ward No. 5, Jahargaun		26,12-14M
5 <sup>th</sup> February 2022	Kushe RM, Ward No. 5, Thinkethala		31,2F-29M

## 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.

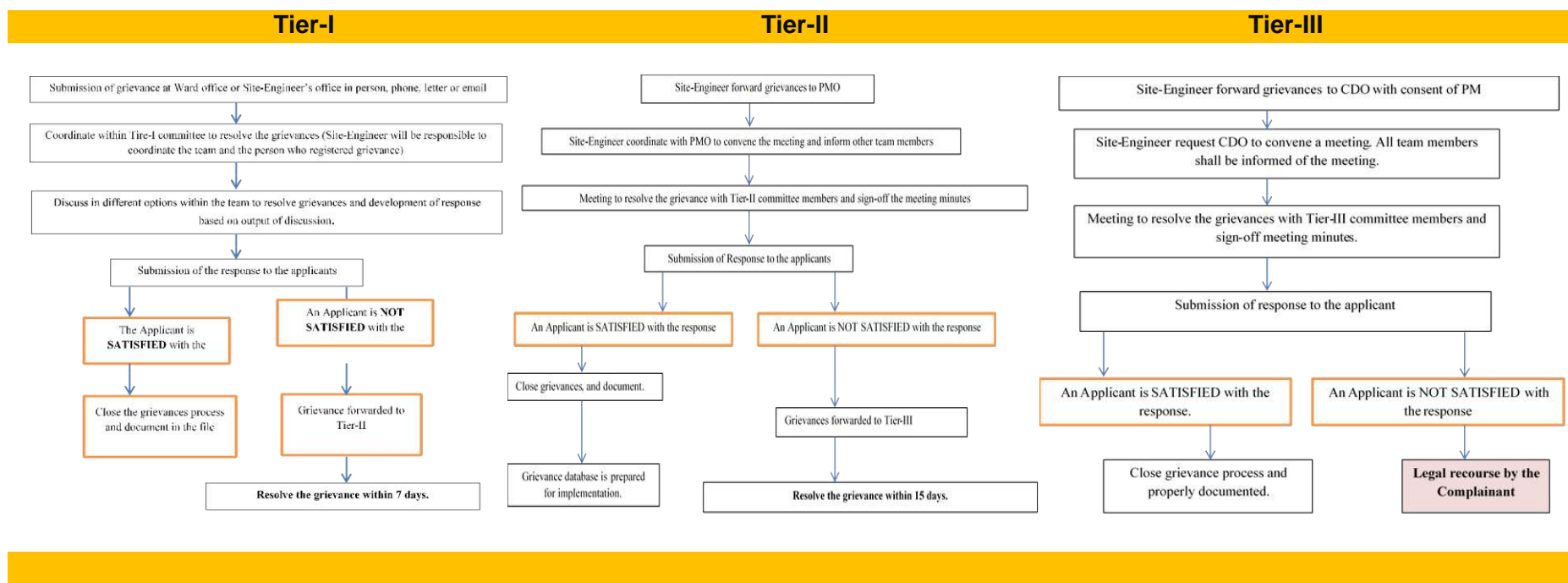
## 6.2 Grievance Redress Mechanism

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

Provisions	Levels of Grievance Redress Mechanism					
	First Level (Tier-I)		Second Level (Tier-II)		Third Level (Tier-III)	
<b>Level</b>	Local Level		Project Manager Office (PMO) headed by the Project Manager (PM) at Project Implementation Unit (PIU)		District Level	
<b>Supervisory</b>	NEA Site-Engineer		PMO		Chief District Officer (CDO)	
<b>Assistance</b>	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 Social Expert, and Construction Contractor		PMO, affected persons, representative from Rural Municipality/Municipality, Site-Engineer, PSC's Social Expert. <i>If deemed necessary, representative from Forest Office, representative from Land Revenue Office, and representative from Land Survey Office are invited.</i>	
<b>Days for Resolving Complain</b>	7 days of receipt of a complaints/ grievance		15 days of complaints forwarded by Site-Engineer		15 days	
<b>Committee Members</b>	<b>Committee Member</b>	<b>Designation</b>	<b>Committee Member</b>	<b>Designation</b>	<b>Committee Member</b>	<b>Designation</b>
	Municipality Chief	Coordinator	Project Manager	Coordinator	Chief District Officer (CDO)	Chair
	Site-Engineer-NEA	Member secretary	Site-Engineer	Member Secretary	Project Manager	Coordinator
	Safeguards Expert from Consultant	Member	Municipality Chief	Member	Site-Engineer	Member Secretary
	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 NEA<sup>11</sup>

\* 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.

<sup>11</sup> 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)

Project Activity	Environmental and Social Issues	Management/Mitigation Measures	Mitigation Cost	Responsibility	
				Planning and Implementation	Supervision and Monitoring
Pre-construction Phase					
Approvals, permits and clearances	Installation of poles along the edge of private farm lands	<ul style="list-style-type: none"><li>Site office and the contractor must inform the community prior to the installation of poles and stringing of the line along DL route</li></ul>	Cost will be included in the Resettlement plan	Site Office/ Contractor/	DSUEP (PIU)/NEA
Construction Phase					
Construction work in substation area and distribution line alignment	<ul style="list-style-type: none"><li>Inadequate/unsafe working conditions</li></ul>	<ul style="list-style-type: none"><li>Appropriate contract clauses to ensure satisfactory implementation of contractual environmental, health, and safety measures.</li></ul>		Site Office/Contractor	PIU/NEA
	<ul style="list-style-type: none"><li>Erosion and Landslide at distribution line sections</li></ul>	<ul style="list-style-type: none"><li>Protection work is required at land eroded sections at chainage 12+800 to 13+400</li></ul>	Cost to be incorporated in Community Development Plan (CDP)	Site Office	PIU/ NEA
	<ul style="list-style-type: none"><li>Accident may arise if the pit hole (depth-2m and diameter-0.22 m) prepared for steel tubular poles remains open for</li></ul>	<ul style="list-style-type: none"><li>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</li><li>Contractors should follow the guideline</li></ul>	Project Cost	Contractor/ Site Office	PIU/ESMU/ PIU

	long time	provided by the PIU			
	<ul style="list-style-type: none"> <li>Dust emission - transportation of materials and movement of construction crews and equipment will cause minor impact</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>Steel poles firstly stocked in the substation area and secondly in the open barren area in coordination with Rural Municipalities and Municipalities. No social and environmental issues for the stockpiling of the steel poles and stringing wires</li> </ul>	Air Quality Monitoring- 1,50,000.00 (NRs.)  Sprinkling water (Dust Management) 2,00,000.00 (NRs.)	Contractor/ Office      Site	PIU/ESMU
	<ul style="list-style-type: none"> <li>Noise emission- Construction related noise will be limited to vehicular movement and inside-the-fence construction activities at substations sites</li> </ul>	<ul style="list-style-type: none"> <li>Boundary walls serves as a noise barrier, and these shall be constructed as early as possible.</li> <li>Construction equipment to meet national emissions and noise control standards.</li> </ul>	Noise Level Monitoring- 50,000.00 (NRs.)  Provision of PPE in Project Cost	Contractor/ Office      Site	PIU/ESMU
	<ul style="list-style-type: none"> <li>Interference with drainage patterns will be temporary at substation during construction phase</li> </ul>	<ul style="list-style-type: none"> <li>A proper drainage system should be managed within the substation area.</li> <li>Storm water run-off need to be minimized and controlled with bundling temporary dikes</li> <li>Drainage management as a preventive measure against breeding of mosquitoes and other pests</li> </ul>	Project Cost	Contractor/ Site Office	PIU/ESMU

	<ul style="list-style-type: none"> <li>Possible erosion and flooding in Ibragad Khola, Pasangad Khola, Khoch Khola and Khahare Khola</li> </ul>	<ul style="list-style-type: none"> <li>Concrete foundation is recommended for Steel tubular pole installation for 33 kV lines.</li> <li>Pit hole prepared for the installation of steel tubular pole shall not be left open as possibility of accident may arise.</li> </ul>	Project Cost	Contractor/ Site Office	PIU/ESMU
		<ul style="list-style-type: none"> <li>Protection works along the eroded sections in the on Ibragad Khola, Pasangad Khola, Khoch Khola and Khahare Khola, 20-30 m distance from the distribution line.</li> <li>Client needs to coordinate with local level governments to give priority for the embankment activities for the protection of cultivated land and proposed 33 kV distribution lines.</li> </ul>	Cost from Local Government	Kushe RM and Bheri Municipality	Kushe RM and Bheri Municipality /PIU
	<ul style="list-style-type: none"> <li>Construction associated wastes generated within substation area and campsite location</li> </ul>	<ul style="list-style-type: none"> <li>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</li> <li>Reusable waste like debris, broken brick pieces, sand, stone, waste cement, and the sand mix should be used as refills for ground leveling.</li> <li>Recyclable wastes like left out/non-usable reinforcement bars and packing materials to be sent or sold to scrap vendors.</li> <li>Effective coordination with the local level government for the proper waste management</li> </ul>	Solid wastes management – 1,00,000.00 (NRs.)	Contractor/ Site Office	PIU/ESMU
	<ul style="list-style-type: none"> <li>Illegal fishing and</li> </ul>	<ul style="list-style-type: none"> <li>Discouraged by supplying adequate food</li> </ul>	Project Cost	Contractor/ Site	PIU/ESMU

	bird hunting by the labors	<ul style="list-style-type: none"> <li>item (poultry) requirement within the camp.</li> <li>Awareness of legal provisions upon illegal hunting of biodiversity need to be disseminated</li> </ul>		Office	
	<ul style="list-style-type: none"> <li>About 14.82 ha. of forest area occurs within RoW of the DL</li> <li>Estimated number of trees that need to be cleared from the Core Project Area of the proposed DL alignment are 6,757</li> </ul>	<ul style="list-style-type: none"> <li>Compensatory plantation shall be done as per Forest Regulation, 2079 (2022).</li> <li>Compensatory plantation to be made in the ratio 1:10, including cost for sapling and management cost for 5 years.</li> </ul>	The total enumeration of the loss trees and mitigation cost will be incorporated in the Brief Environmental Study (BES) report	Contractor/ Office      Site	PIU/ESMU
	<ul style="list-style-type: none"> <li>Use of firewood from nearby forests</li> </ul>	<ul style="list-style-type: none"> <li>Workers and staffs should be restricted to use firewood for cooking.</li> <li>Providing LPG-based stoves in Labor camp.</li> </ul>	Project Cost	Contractor/ Office      Site	PIU/ESMU
	<ul style="list-style-type: none"> <li>Loss of standing crops at pole installation locations (depth-2m and diameter-0.22 m)</li> </ul>	<ul style="list-style-type: none"> <li>Poles are to be installed at the edge of cultivated land making no loss of standing crops.</li> <li>Need to make prior consultation with landowners before installation of the poles.</li> <li>If there is a loss of crops, appropriate compensation shall be provided.</li> </ul>	Project Cost	Contractor/Site Office	PIU/ESMU
Environment, Health and Safety	<ul style="list-style-type: none"> <li>Injury and sicknesses workers and members of the public</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>All employees shall be provided with the</li> </ul>		Contractor/Site Office	PIU/ESMU

	<ul style="list-style-type: none"> <li>Potential fecal coliform contamination in drinking water</li> </ul>	<ul style="list-style-type: none"> <li>necessary training, and safety equipment as required for their responsibilities and duties.</li> <li>Basic facilities of drinking water, sanitation &amp; clean resting place, canteen, and first aid shall be made available for the campsite.</li> <li>Provision of health insurance to employees.</li> <li>Security fences around the substation.</li> <li>Installation of warning signs (High Voltage, Fire Safety Signs, and Emergency Signs).</li> <li>Awareness of HIV/AIDS and other sexually transmitted disease.</li> <li>Awareness of providing basic sanitation facilities and waste management control to the labors.</li> <li>For coronavirus (COVID-19) pandemic situation, Contractors should arrange for quarantine and health services for infected workers.</li> </ul>	<p>Establishment of Labor Camp with basic facilities – In Project Cost</p> <p>EHS Awareness Trainings - 1,50,000.00 (NRs.)</p> <p>COVID-19 measures 2,00,000.00 (NRs.)</p>		
Management of electric equipment, toxic materials of chemical wastes	<ul style="list-style-type: none"> <li>Possible spills resulting in contamination of soil, water, and air</li> </ul>	<ul style="list-style-type: none"> <li>Chemical waste generated from the transformer shall be collected in leakage-proof, corrosion-free, specially designed containers, and sealed carefully</li> </ul>	1,00,000.00 (NRs.)	Contractor/ Site Office	PIU/ESMU
<b>Operation and Maintenance Phase</b>					
Electric shock and fire hazard	<ul style="list-style-type: none"> <li>Injury or death to the workers and public</li> </ul>	<ul style="list-style-type: none"> <li>Use of insulation, guarding, grounding, electrical protective devices, and safe work practices.</li> <li>Boundary walls and / or security fences around substations to prevent unauthorized access.</li> <li>Only trained and authorized personnel shall be allowed for the electrical works.</li> <li>No electric wire is to be strung above the house.</li> </ul>	Project Cost	NEA	NEA

		<ul style="list-style-type: none"> <li>• Installation of warning signs.</li> </ul>			
Routine operations and maintenance	<ul style="list-style-type: none"> <li>• Potential disturbance to other utility functions and vehicular traffic.</li> </ul>	<ul style="list-style-type: none"> <li>• Maintain warning / advisory signs in the good and visible condition</li> <li>• Visual and technical inspection</li> </ul>	Project Cost	NEA	NEA
Oil spillage	<ul style="list-style-type: none"> <li>• Contamination of land/nearby water bodies</li> </ul>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>	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 contractor)*

## 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
<b>Construction Stage</b>				
Clearing of construction site	Substation boundaries	<ul style="list-style-type: none"> <li>Field inspection of Subproject Sites and ensuring that appropriate safety measures are implemented</li> </ul>	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	<ul style="list-style-type: none"> <li>Field inspection of Subproject sites and ensure the compensatory plantation of 1:10</li> <li>Related approval document for tree clearance</li> </ul>	Prior to the construction work	Contractor responsibility under the supervision of PIU/DFO
Air: SPM, Noise: dB	Substation boundaries and nearest receptor to substation	<ul style="list-style-type: none"> <li>Spot check for noise and dust using a portable monitoring device</li> </ul>	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	Visual inspection of active construction areas, including equipment staging areas and camps	<ul style="list-style-type: none"> <li>• Spot check / visual inspection of solid waste (spoil, muck etc.) generation and disposal.</li> <li>• Analysis of transformer oils to determine if polychlorinated biphenyls are present.</li> </ul>	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	<ul style="list-style-type: none"> <li>• No. of Toolbox talk and safety orientation to the workers</li> <li>• No. of workplace accidents</li> <li>• Use of PPE by workers</li> </ul>	<p>Daily Inspection during construction</p> <p>Monthly Inspection during the operation phase</p>	Inspection of the construction site by the safety officer and PIU safeguard officer
Child involvement in construction work (needs to be prohibited)	Substation work	<ul style="list-style-type: none"> <li>• Spot inspection at construction sites</li> </ul>	Monthly Inspection during construction	Site Office

### 7.3 Environmental and Social Management Plan 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 **Kudu–Samaila Distribution Line** is NRs 13,00,000.00. The community support activities and the costs will be presented in the Community Development Plan (CDP). 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
<b>Total</b>				<b>13,00,000.00</b>

## 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 the 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 14.82 ha of forest area with estimated loss of 6,757 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

नेपाल वितरण प्रणाली स्तरोन्नति तथा विस्तार आयोजना

फ्याक्स: ०१-४९५३९४४

फोन नं: ०१-४९५३९४५

दरबारमार्ग, काठमाडौं।



### नेपाल वितरण प्रणाली स्तरोन्नति तथा विस्तार आयोजनाको वातावरणीय तथा सामाजिक अध्ययन प्रतिवेदन तयारी सम्बन्धि सूचना

सूचना प्रकाशन मिति: .....

..... प्रदेश ..... जिल्ला  
.....(नगरपालिका/गाउँपालिका/महानगरपालिका/उपमहानगरपालिका)  
मा एसियन इन्फ्रास्ट्रक्चर इन्भेस्टमेन्ट बैंकको ऋण सहयोग भएको नेपाल विद्युत प्राधिकरण, वितरण तथा ग्राहक सेवा निर्देशनालय, वितरण प्रणाली स्तरोन्नति तथा विस्तार आयोजना प्रस्तावक रही कार्यान्वयन गर्न लागिएको ..... आयोजना कार्यान्वायन हुनुभन्दा अघि सो आयोजनाले त्यस क्षेत्रको वातावरण तथा सामाजिक पक्षहरुमा के-कस्तो प्रभाव पार्दछ भनि स्थानीय सरोकारवालाहरु सँग छलफल गर्न आयोजना क्षेत्रका सम्पूर्ण सबै सरोकारवालाहरुको निम्न स्थान तथा समय उपस्थितिका लागि यो सूचना प्रकाशित गरिएको छ।

#### सार्वजनिक छलफल हुने स्थान, मिति र समय:

स्थान:

मिति:

समय:



# नेपाल विद्युत प्राधिकरण

(नेपाल सरकारको स्वामित्व)

वितरण तथा ग्राहक सेवा निर्देशनालय

नेपाल वितरण प्रणाली स्तरोन्नति तथा विस्तार आयोजना

(ए.आई.आई.बि.)

फ्याक्स: ०१-४१५३१४४

फोन नं.: ०१-४१५३१४५

दरबारमार्ग, काठमाडौं।

प.सं. ०७८/७९: ५३८

मिति: २०७८/१०/०७

श्री .....

.....

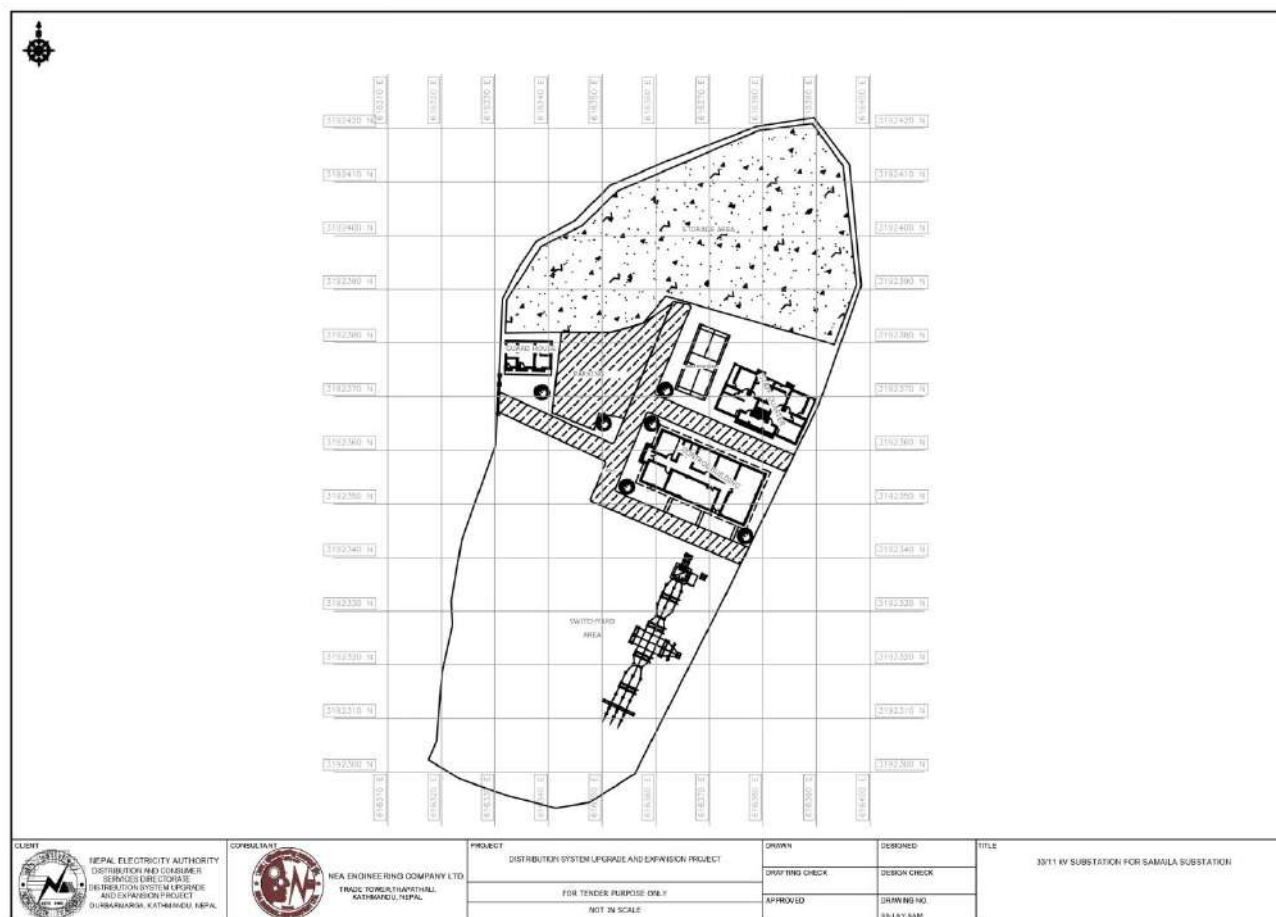
## विषय: गुनासो समाधान संयन्त्र गठन भएको सम्बन्धमा।

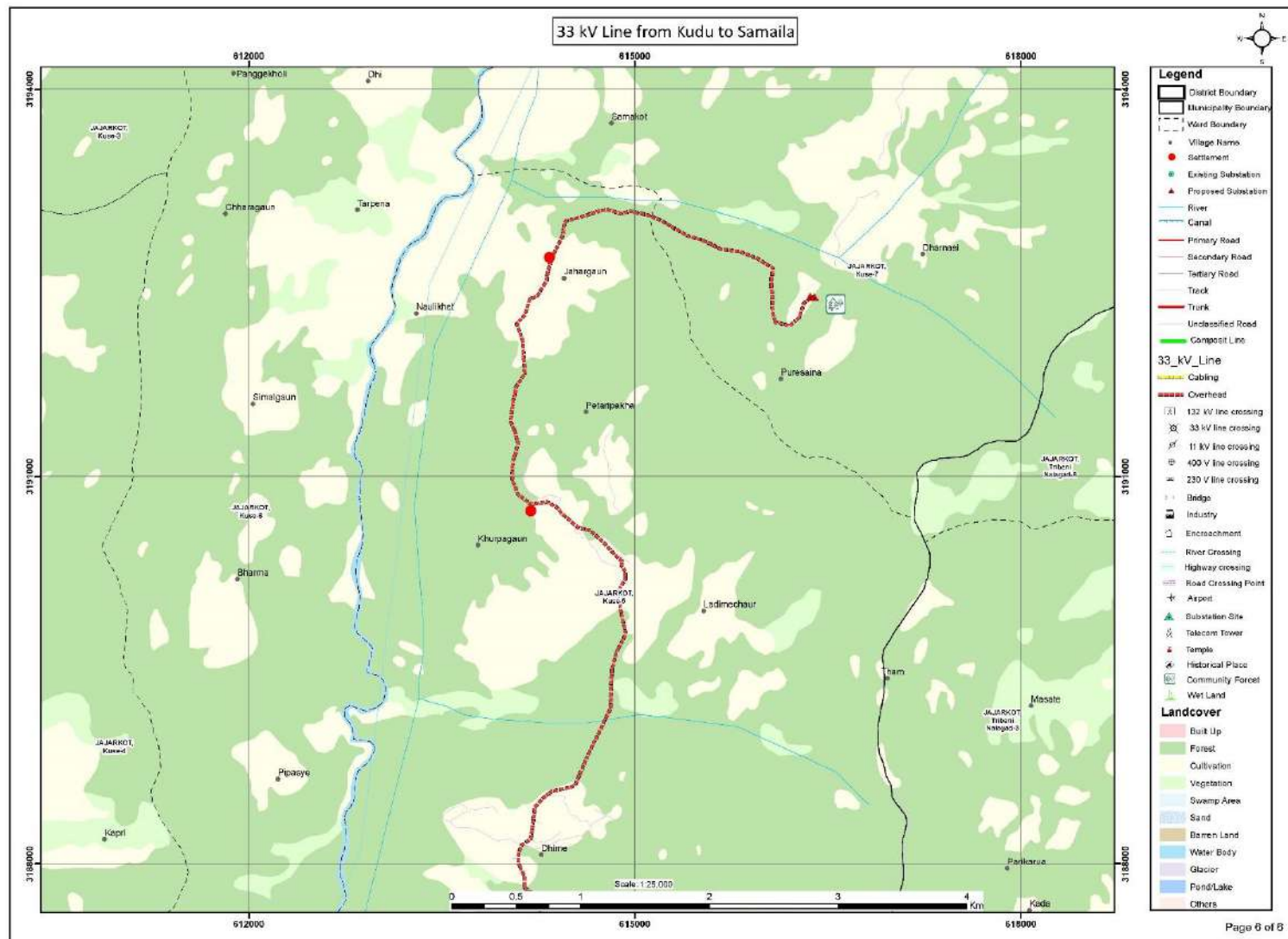
उपरोक्त विषयमा एसियन इन्फ्रास्ट्रक्चर इन्वेस्टमेन्ट बैंक (ए.आई.आई.बि.) को ऋण-सहयोगमा नेपाल विद्युत प्राधिकरण, वितरण तथा ग्राहक सेवा निर्देशनालय, वितरण प्रणाली स्तरोन्नति तथा विस्तार आयोजना (ए.आई.आई.बि.) प्रस्तावक रही कार्यान्वयन गर्न लागिएको ..... आयोजना अन्तर्गत नेपाल सरकारको पूर्ण-विद्युतीकरण गर्ने लक्ष्य बमोजिम तहँ वडा/गाउँपालिका/नगरपालिका/उप-महानगरपालिकामा ३३/११ के.भी. सब-स्टेशन, ३३ के.भी. लाईन, ११ के.भी. लाईन, ४०० भी. लाईन, आदि निर्माण कार्यहरु हुने भएकोले सो कार्यहरु गर्दा स्थानीय सरोकारवालाहरुको कुनै गुनासो भए सो गुनासोको समाधान गर्न गुनासो समाधान संयन्त्र निर्माण गरिएको छ। अतः संलग्न गुनासो समाधान संयन्त्र दस्तावेज बमोजिम आफ्ना गुनासोहरु दर्ता गर्न र सोही दस्तावेजमा भनिए बमोजिम गुनासोको समाधान हुने व्यहोरा सम्पूर्ण सरोकारवालाहरुलाई जानकारी गराइन्छ।

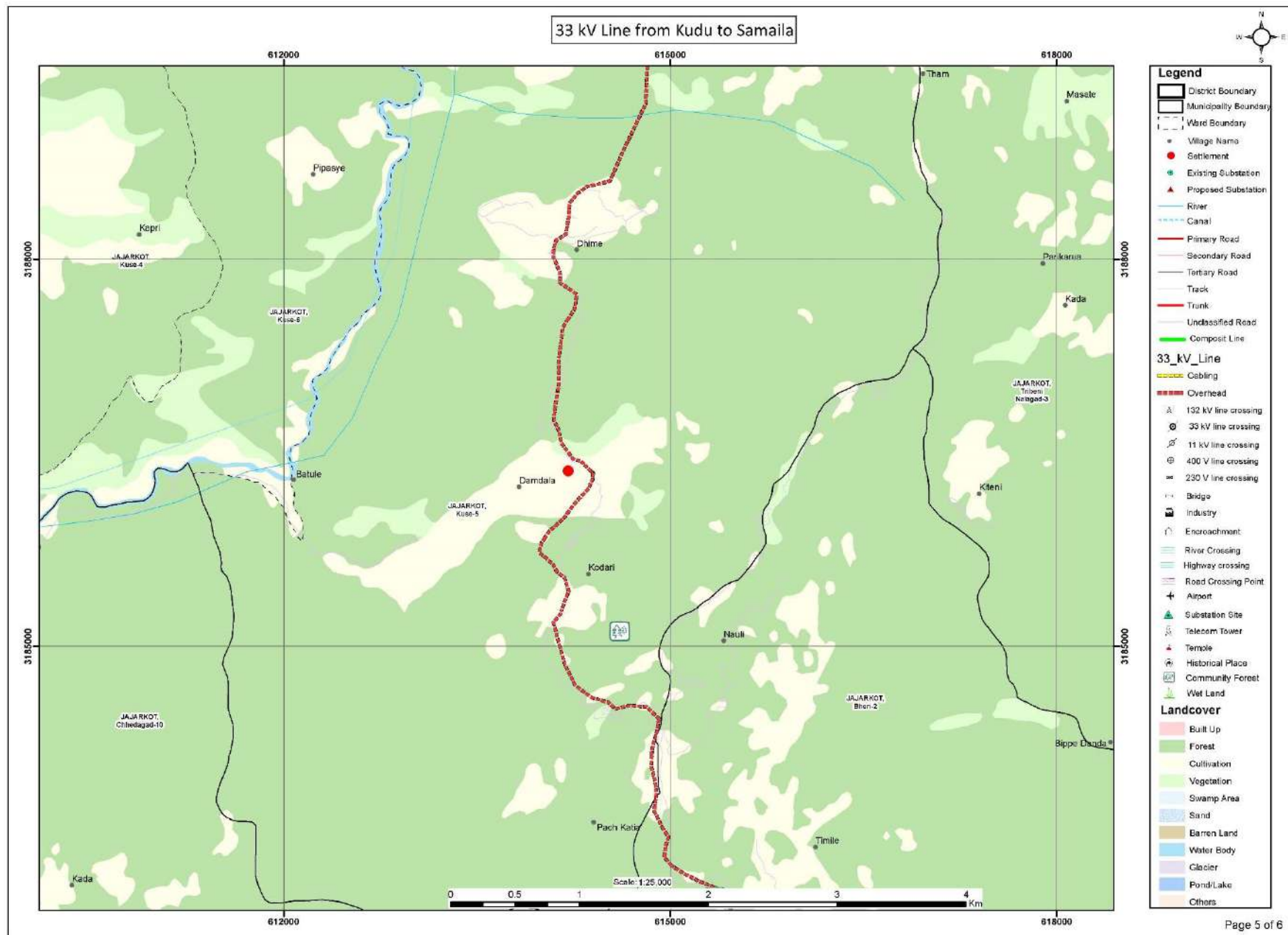
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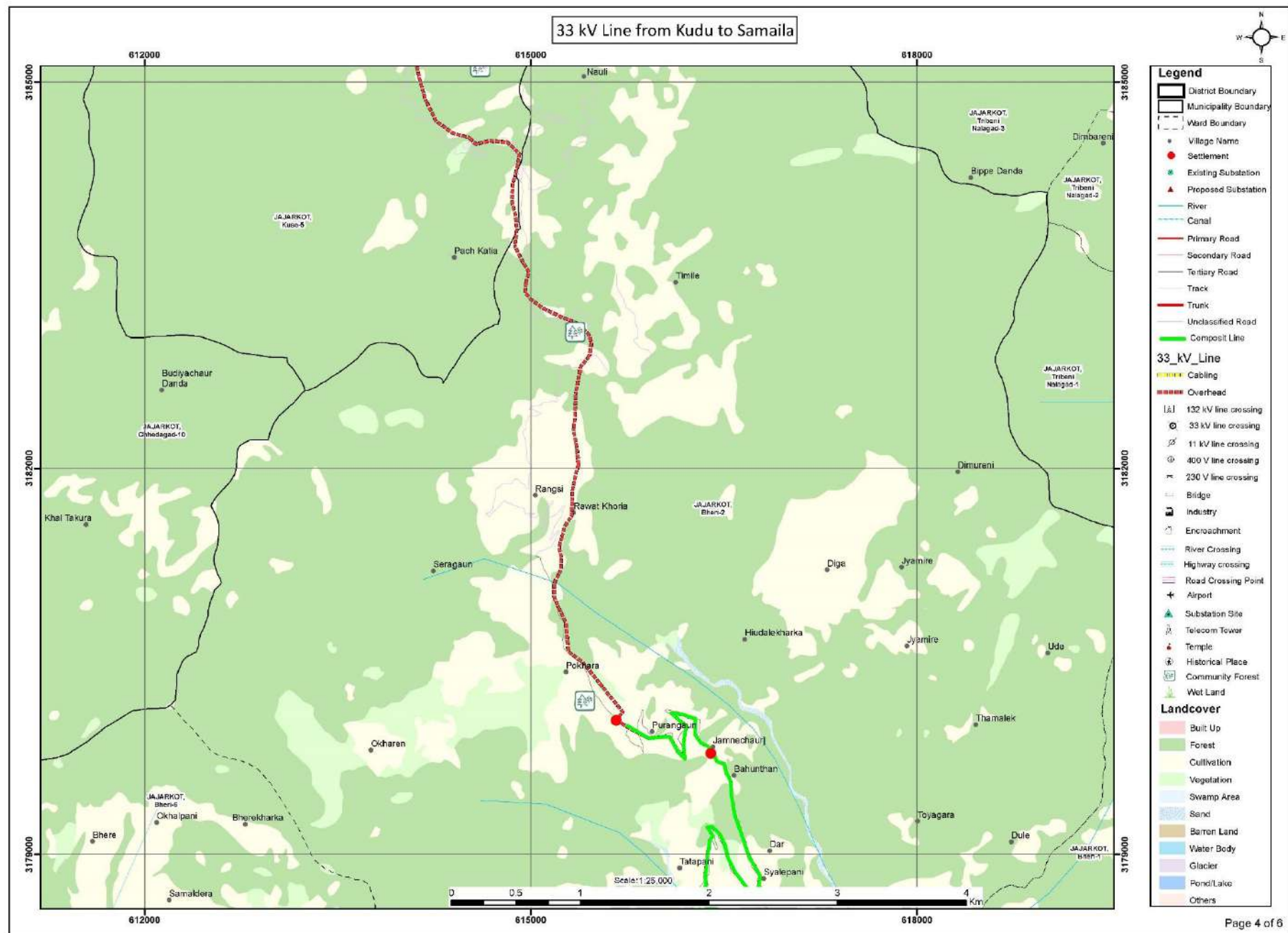
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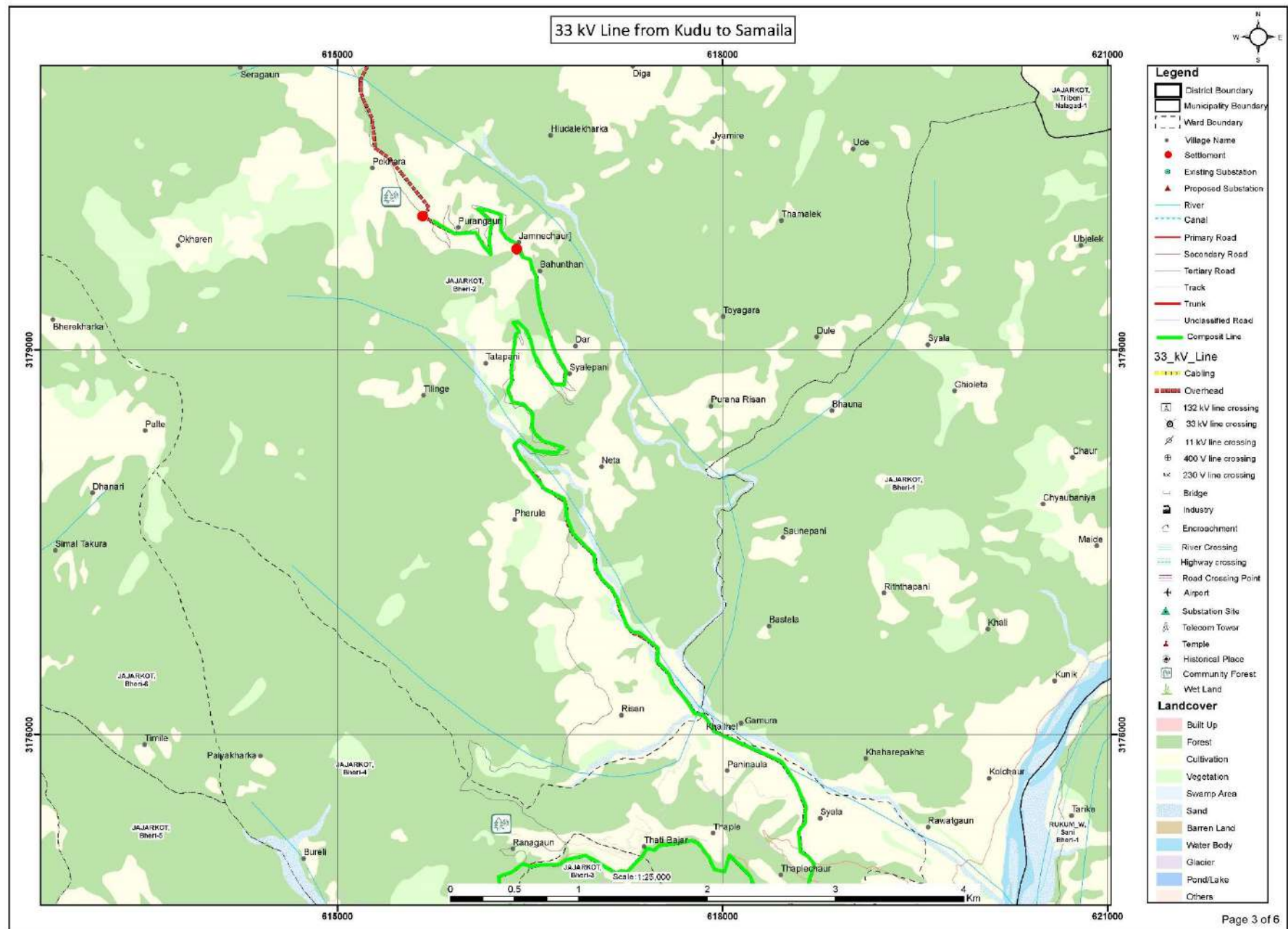
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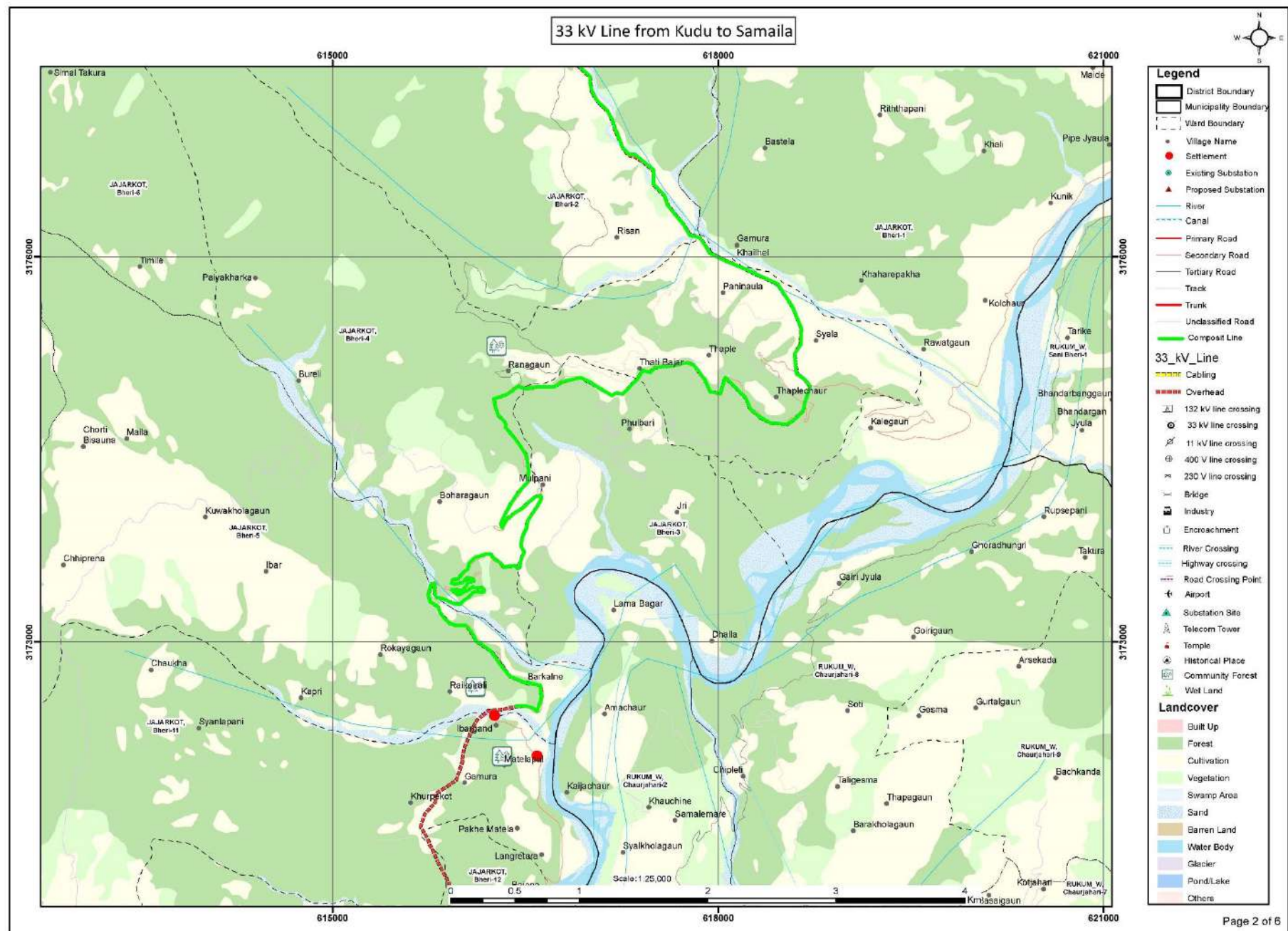
**Annex 2: LAYOUT MAPS OF SUBSTATION AND DISTRIBUTION LINE ALIGNMENT**

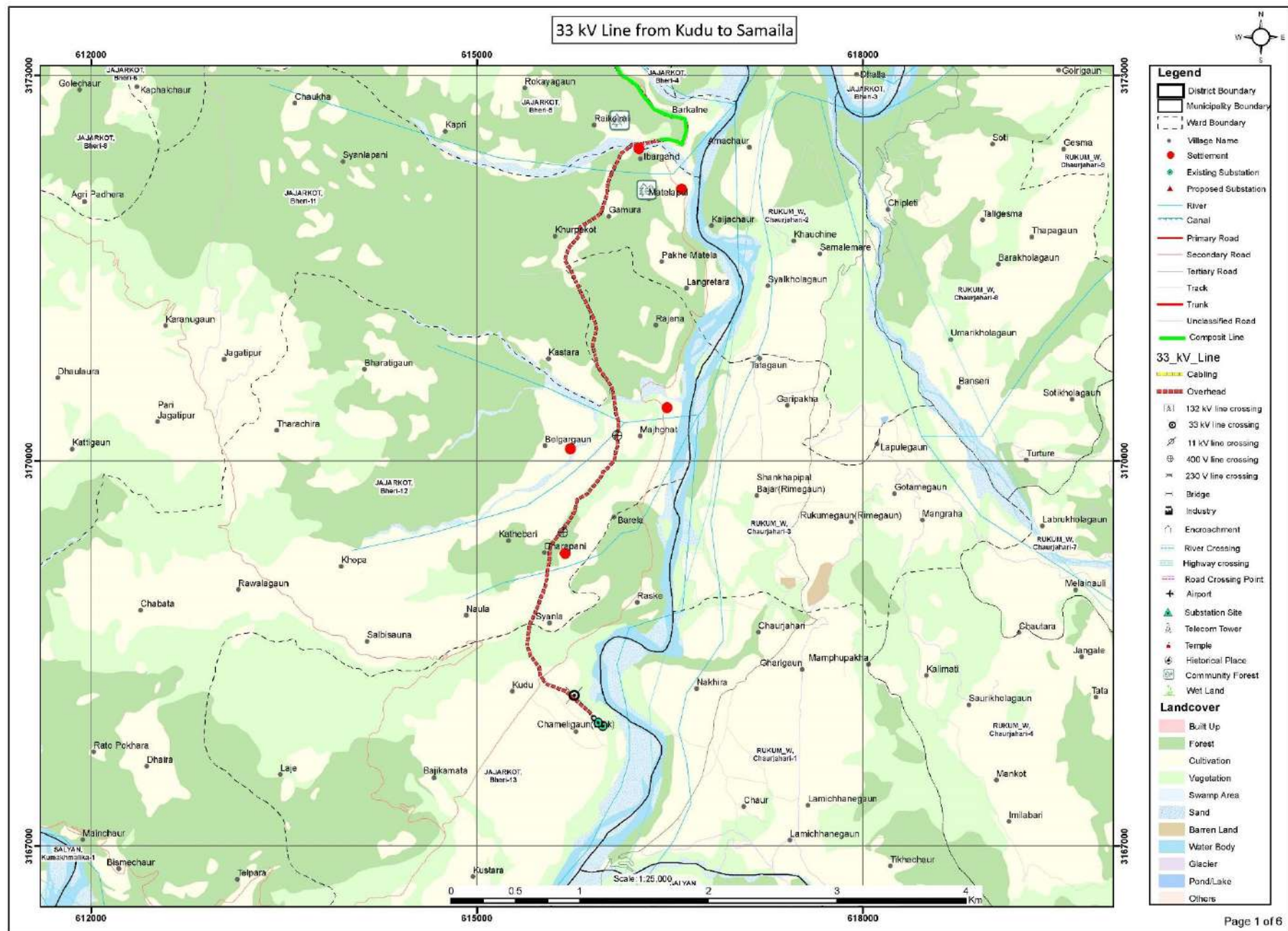


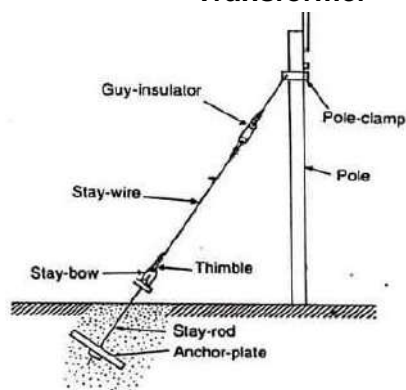


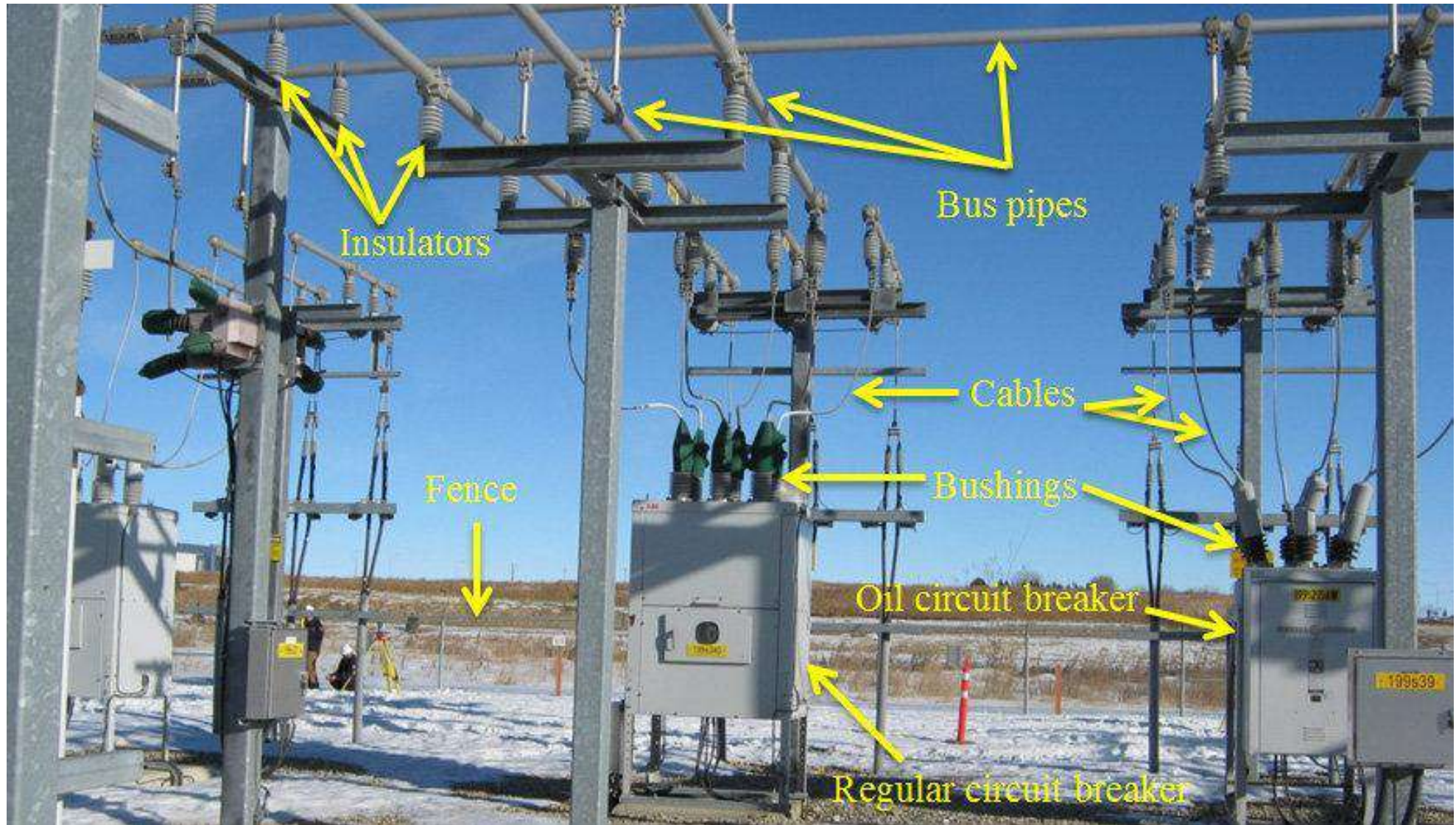








**Annex 3: FACILITY AND COMPONENTS****Transformer****Switch Yard****Stay/Guy Sets****Steel Tubular Pole****Insulator****Civil-Structures Supporting Electrical Components****Conductor**



**Possible components within 33 kV/11 kV Substation**



**Bird Diverting Reflector**



**Wishbone Prevents Bird Landing on Wire**



**White Spiral in Wire Improves Visibility of Wire**



**Construction of Nest at Poles also divert Bird not sitting at Wires**

**Annex 4: LEGISLATIVE PROVISIONS**

<b>S N</b>	<b>Legal Provisions</b>	<b>Description</b>	<b>Relevancy concerning Project</b>
1.	<b>Constitution of Nepal</b>	<ul style="list-style-type: none"> <li>• 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:</li> <li>• 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).</li> </ul>	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.	<b>Environment Protection Act 2076 (2019 AD)</b>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>	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, 2076.
3.	<b>Environmental Protection Rule, 2077 (2020 AD) [First Amendment on 2078 (2021)]</b>	<ul style="list-style-type: none"> <li>• Under the Environmental Protection Rules (2020) first amendment (2021), rule (3) as mentioned in annex (1), Section (F) (Energy, Water Resources, and Irrigation Sector) sub-section (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.</li> <li>• Pertaining to Rule 3(1), Environment Protection Act (EPA), 2019 describes to complete Environmental Studies as per Schedule 1(Cha) Energy, water resources and irrigation sector (1) under Environment Protection Regulation 2020 (First Amendment in 2021/05/24 BS on Nepal Gazette) state “use of forest area for the electricity distribution line project up to 66 KV”</li> </ul>	<p>This rule provides the overall guidance to what type of environmental studies is required according to the project by the Government of Nepal.</p> <p>The proposed Subproject will use the of Jungle Danda Community Forest (CF), Kaina Timure Danda CF, Budhe Dhungaa CF, Jagatipur CF, Deuli Danda CF, Bhagbati CF, Bohara CF, Syala Pakha Kale</p>

			Gaun CF, Dara Bhadale Pakha CF, Patal Deurali CF, Bastola CF, Mayur Pankhi CF, Masara CF, Banjh Bisauna CF, Khurpa CF and Chhum Patal CF land for the purpose of 33 kV distribution line extension and substation construction. For which, BES is mandatory.
4.	<b>Nepal Environmental Policy, and Action Plan, 2050(1993)</b>	<p>The aims of NEPAP are:</p> <ul style="list-style-type: none"> <li>• To manage natural, and physical resources efficiently, and sustainably</li> <li>• To balance the development efforts, and environmental conservation for sustainable fulfillment of basic needs</li> <li>• To preserve endemic, and endangered species, and their habitats; the promotion of private, and public institutions for biological resources inventory, and conservation</li> <li>• To safeguard national heritage</li> <li>• To mitigate the adverse environmental impact of development projects, and human actions</li> <li>• To integrate environment, and development through appropriate institutions, adequate legislation, and economic incentives, and sufficient public resources</li> </ul>	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.
5.	<b>Forest Act 2076 (2019)</b>	<ul style="list-style-type: none"> <li>• 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 priority project, plan of which investment is approved by the Investment Board, project of national pride and it appears from the environment examination referred to in the prevailing law that the operation of such plan does not result in significant adverse effects on the environment, the Government of Nepal may give approval, as prescribed, to use any part of the national forest for the purpose of operating such plan,</li> <li>• Similarly, In providing the forest area for the operation of a plan pursuant to sub-section (1), to the extent possible, a land that is adjoining to the national forest area near the project site</li> </ul>	<ul style="list-style-type: none"> <li>• About 14.82 ha of forest area occurs within RoW of the proposed 33 kV distribution line</li> <li>• Estimated number of trees that need to be cleared from the Core Project Area of the proposed DL alignment are 6,757.</li> <li>• Total estimation of tree and approval of tree clearance will be proceeded after the approval of BES</li> </ul>

		and situated in the same geographical and ecological belt and has such landscape where forest can be developed shall be provided for the purpose of planting trees at least in the area equal to the forest area that has to be used.	report.
6.	<b>Forest Regulations, 2079 (2022)</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Rule 88, Application need to be submitted in case of use of national forest land from the feasibility study and application need to submitted to the Ministry of Forests and Environment through the subjective ministry</li> <li>• Rule 89, following the Rule 88, the Ministry of Forests and Environment direct Division Forest Office through its respective department for the detail field information and the that information should also be submitted to provincial ministry.</li> <li>• Rule 90, following the Rule 89, Division Forest Office should submit the information with field monitoring (if necessary) to the Ministry of Forests and Environment. The ministry will ensure the use of forest land if the applicable information and letters are received, and give permission to the respective project by binding in the rules states in the Forest Regulations.</li> <li>• 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 the availability of the applicable land for the forest development as per the Forest Act (2076), Section 42 (2).</li> <li>• 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</li> <li>• 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.</li> </ul> <p>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</p>	<ul style="list-style-type: none"> <li>• About 14.82 ha of forest area occurs within RoW of the proposed 33 kV distribution line</li> <li>• Estimated number of trees that need to be cleared from the Core Project Area of the proposed DL alignment are 6,757.</li> <li>• Total estimation of tree and approval of tree clearance will be proceeded after the approval of BES report.</li> </ul>

		hectare, fencing and boundary for the protection of trees and require number of people for look after.	
7.	<b>Electricity Act 1992</b>	<ul style="list-style-type: none"> <li>• No person shall be entitled to conduct survey, generation, transmission, or distribution of electricity without obtaining a license under this act.</li> <li>• 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.</li> </ul>	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.
8.	<b>Rural Energy Policy, 2006</b>	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 technologies. It has also envisioned subsidy provision for the promotion of such renewable energy technologies.	This project helps to improve the distribution, and motivate use the of electricity in rural areas of western Nepal.
9.	<b>Labor Act, 2074 (2017 AD)</b>	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 employees should not be compelled to other 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.	The construction of a project is only possible when the rights of labor are secure. In this project, the Contractor should follow this act strictly.
10.	<b>Child Labor (Prohibition, and Regulation) Act,</b>	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

	<b>2056 (2000 AD)</b>		Contractors should follow this act.
11.	<b>Solid Waste Management Act, 2068 (2011 AD)</b>	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.	<b>Solid Waste Management Rules, 2070 (2013 AD)</b>	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.	<b>Fifteenth Plan</b>	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 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:	This 5-year interim plan sets the goal about the generation, and distribution of hydroelectricity in Nepal which is directly related to this project.
14.	<b>United Nations Framework</b>	UNFCCC, Signatories: 165. Parties: 195. (1), Article (4), commitment (f) states climate	The goal of this project is to replace the

	<b>Convention on Climate Change (UNFCCC), 1992</b>	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.	traditional form of energy with clean energy i.e. electricity which ultimately reduces air pollution, and smoke.
15.	<b>ILO 169</b>	<p>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:</p> <p>(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;</p> <p>(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.</p> <ul style="list-style-type: none"> <li>• Self-identification as indigenous or tribal shall be regarded as a fundamental criterion for determining the groups to which the provisions of this Convention apply.</li> <li>• 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.</li> </ul>	Nepal is the part of ILO convention that's why ILO 169 should strictly follow during construction, and implementation of any types
16.	<b>Environment and Social Management</b>	<ul style="list-style-type: none"> <li>• ESMF is to guide DSUEP sub-projects in the area of E&amp;S management using appropriate instruments, methodologies, procedure and</li> </ul>	Main guiding document for E&S study to identify issues and

	<b>Framework</b>	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.).	recommending appropriate practical augmentation/mitigation measures
17.	<b>Environmental and Social Policy (ESP)</b>	<ul style="list-style-type: none"> <li>This policy speaks for the mandatory E&amp;S requirements for each Project like, screening, DDR, E&amp;S Assessment, ESMP, ESMF, Information Disclosure, Consultation and Monitoring and Evaluation.</li> </ul>	Mandatory requirement for ESMP study
18.	<b>Environmental and Social Standards of AIIB</b> <sup>12</sup>	<ul style="list-style-type: none"> <li>Three associated mandatory environmental and social standards (ESSs) set out more detailed environmental and social requirements relating to the ESMP</li> </ul>	ESMP requirement

<sup>12</sup> <https://www.aiib.org/en/policiesstrategies/download/environmentframework/20160226043633542.pdf>

## Annex 5: CONSULATATION MEETING MINUTES

आज मिति २०७८/१०/२५ गतेको दिन

लुम्बिनी प्रदेश, अरनैचमण्डलको वडा नं. २ को पोखरा

नेपाल विद्युत प्राधिकरण, वितरण प्रणाली स्तरीय तथा विस्तार आयोजना (DSUEP) अन्तर्गत निर्माण हुने उप-आयोजना (वितरण लाइन) सम्बन्धी निर्माणको लागि स्थानीय जनताको जानकारी र सामाजिक आर्थिक तथा सांस्कृतिक ब्यवस्थामा पर्ने असरको बारेमा जानकारी गराउन तथा आयोजनाबाट उपरिवात विद्युतको पहुँचमा आउन नसकेका स्थानीय जनताको समस्या र निपथि गर्नेको लागि।

क्र.सं.	नाम	ठेगाना	फोन नम्बर	हस्ताक्षर
१	राम बज्र	मैना २	९८४४९८९६०	
२	कुशी पुन	मैना २		
३	निर्मल पुन	"		
४	विमला पुन	"		
५	केशव ज्ञात्रा	"		
६	नारायण बुढा	"		
७	राज बज्र पुन	"		
८	इन्द्र पुन	"	९८४५५०३९९६	
९	निर्मल बुढा	"	९८४०९९९०९८	
१०	शशिराम पुन	"	९८४४०९५९९५	
११	कल्पना शाह	"	९८४४४४४४४	
१२	गंगा शाह	"	९८४४४४४४४	
१३	मनवती बुढा	"		
१४	मधु शाह	"	९८४४४४४४४	
१५	देवी बज्र चन्द	"	९८४४४४४४४	
१६	अमला विक	"	९८४४४४४४४	
१७	सुस्वती पुन	"	९८४४४४४४४	
१८	दीप पुन	"		
१९	गंगा मिश्र	"		
२०	लक्ष्मी विक	"		
२१	बुद्धी शाह	"		

आज मिति २०७८/१०/२५ गतेको दिन

लुम्बिनी प्रदेश, अरनैचमण्डलको वडा नं. २ को पोखरा

नेपाल विद्युत प्राधिकरण, वितरण प्रणाली स्तरीय तथा विस्तार आयोजना (DSUEP) अन्तर्गत निर्माण हुने उप-आयोजना (वितरण लाइन) सम्बन्धी निर्माणको लागि स्थानीय जनताको जानकारी र सामाजिक आर्थिक तथा सांस्कृतिक ब्यवस्थामा पर्ने असरको बारेमा जानकारी गराउन तथा आयोजनाबाट उपरिवात विद्युतको पहुँचमा आउन नसकेका स्थानीय जनताको समस्या र निपथि गर्नेको लागि।

क्र.सं.	नाम	ठेगाना	फोन नम्बर	हस्ताक्षर
२२	जैमिना शाह	मैना २		
२३	जैमिना शाह	मैना २		
२४	नारायण बुढा	"		
२५	नारायण बुढा	"		
२६	नारायण बुढा	"		

हस्ताक्षर गरिएको

१. आयोजनाबाट आउने विद्युतको वितरणबाट आयोजनाको बारेमा जानकारी आउने गरी।
२. वितरण लाइन निर्माण गर्ने स्थानको बारेमा जानकारी आउने गरी।
३. उप-आयोजना निर्माण गर्ने उप-आयोजना सम्बन्धी काममा थप तथा दस्तावेज आउने गरी स्थानीय जनताको जानकारी आउने गरी।
४. वितरण लाइन विस्तार गर्ने स्थानको बारेमा जानकारी आउने गरी।
५. प्रस्तावित आयोजना निर्माण गर्ने स्थानको बारेमा जानकारी आउने गरी।
६. आयोजना प्रस्तावित गर्ने स्थानको बारेमा जानकारी आउने गरी।

Page No. \_\_\_\_\_  
Date: / /

6. यस क्षेत्रमा बस्तीमा विद्युत आपूर्ति भइसकेको भएतापनि सरकारी सेवाहरूको लागि यहाँको आवश्यकता निर्माण गरि विद्युत आपूर्ति गरिने।

7. प्रस्तावित उप-आयोजना निर्माणमा स्थानीय बासिन्दा तथा सरकारवालाहरूको पूर्ण सहयोग र सहयोग रेटो लागू गराइने।

8. प्रस्तावित क्षेत्रमा बासो, माछा, मछि, मछि र मछि र मछि नशको लागू गराइने।

महोदय \_\_\_\_\_  
Name \_\_\_\_\_  
Date: 2072 \_\_\_\_\_  
Signature \_\_\_\_\_  
Date: 2072 \_\_\_\_\_

Page No. \_\_\_\_\_  
Date: / /

आयोजना २०७८/०९/१९ गतेको दिन लागू गरिने विवरण।  
१. नगरपालिका वडा नं. ३ को बासिन्दाहरूमा नगरपालिका विद्युत प्राधिकरण वितरण प्रणाली स्थापना तथा विस्तार आयोजना (DSUEP) अन्तर्गत निर्माण हुने उप-आयोजना (विस्तार) माथि (महोदय) निर्माणको शिलशिलामा भौतिक, जैविक र सामाजिक आर्थिक तथा सांस्कृतिक वतावरणमा पर्ने प्रभाव प्रभाव बोको हुने हुने क्षेत्रमा न.पा. ३ को अध्ययन लिना वडा नं. ३ को अध्ययनमा क्षेत्रमा निर्माण सरकारको व्यक्तित्व तथा आयोजनाबाट उपस्थित विद्युतको संभावितमा रेटो बजारमा हुने हुने र निर्माण गरिने।

उपस्थिति

क्र.सं.	नाम	ठेगाना	फोन नम्बर	हस्तावत
१	लिना वडा नं. ३ को अध्ययन क्षेत्रमा	१८५५८४४४	१८५५८४४४	
२	राष्ट्रिय नेपाली कार्यपालिका संघका अध्यक्ष	१८५८९६३२९	१८५८९६३२९	
३	नेपालका विद्युत प्राधिकरणका अध्यक्ष	१८५८९६३२९	१८५८९६३२९	
४	सिर्जना वि.उ. को अध्यक्ष	१८५८९६३२९	१८५८९६३२९	
५	उपस्थित क्षेत्रमा	१८५८९६३२९	१८५८९६३२९	
६	प्रदेश नं. ३ को	१८५८९६३२९	१८५८९६३२९	
७	महोदय	१८५८९६३२९	१८५८९६३२९	
८	नेपाली नगरपालिका	१८५८९६३२९	१८५८९६३२९	
९	रामेश्वर प्रसाद सिंह	१८५८९६३२९	१८५८९६३२९	
१०	नेपाली नगरपालिका	१८५८९६३२९	१८५८९६३२९	
११	विद्युत प्राधिकरण	१८५८९६३२९	१८५८९६३२९	
१२	नगरपालिका	१८५८९६३२९	१८५८९६३२९	
१३	नगरपालिका	१८५८९६३२९	१८५८९६३२९	

हस्तावतको लागि मिति २०७८/०९/१९

१. आयोजनाबाट आइने विद्युतको आधारमा नगरपालिकाको बासिन्दाहरूको आवश्यकता।

२. विद्युत प्राधिकरण निर्माण तथा सरकारको व्यक्तित्व तथा आयोजनाबाट उपस्थित विद्युतको संभावितमा रेटो बजारमा हुने हुने र निर्माण गरिने।

Page No. \_\_\_\_\_  
Date: / /

यस वडा नं. ३ मा ११ के.वी. वितरण लाईन विद्यमान रहेकोले यस लाईनलाई स्तरान्वी तथा Composite गीट वितरण लाईन लेखनुपर्ने।

३. उप-आयोजना निर्माण गर्दा उप-आयोजना संस्थापक कम्पनी माथि तथा इन्जिनियरको आधारमा स्वतन्त्र रूपमा स्वीकृतलाई होलगारीमा प्राथमिकता अवेप्ता हुनुपर्ने।

४. वितरण लाईन विस्तार गर्दा निजी सञ्चालनमा कुनै पनि कालीनानी कोट विहवाका हस्तान्तरण आयोजनाले हलुपने हु।

५. प्रस्तावित उप-आयोजना निर्माण गर्दा यस क्षेत्रमा रहेका धार्मिक तथा पुरातात्विक मन्त्रालय संरचना तथा सांस्कृतिक संरचनाहरूमा कुनै प्रकारको नकारात्मक असरहरू नपर्ने होला।

६. यस क्षेत्रमा विद्युत आपूर्ति अपरापनी विद्युत आपूर्तिमा सुधार गर्नुपर्ने होला।

७. प्रस्तावित उप-आयोजना निर्माणमा स्वतन्त्र बासिन्दा तथा सराकारालाई पूर्ण सहयोग र समर्थन रहेको जानकारी गराउनुपर्ने।

८. प्रस्तावित क्षेत्र वस्ती संस्कृतिक सम्पदा संरक्षार्थ स्थान नभएको जानकारी गराउनुपर्ने।

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Page No. \_\_\_\_\_  
Date: / /

आज मिति २०७८/१०/१८ गतेको हित जापरकोट जिल्ला श्री नगरपालिका वडा नं. ४ को उपरीखानीमा नेपाल विद्युत प्राधिकरण वितरण प्रणाली स्तरान्वी तथा विस्तार आयोजना (DSUEP) अन्तर्गत निर्माण हुने उप-आयोजना (वितरण लाईन) सबै स्टेशन निर्माणको शिलानिर्माण श्रौतिक जापक र सामाजिक आयिक तथा सांस्कृतिक वातावरणमा पर्ने सक्ने प्रभाव बारेको हलफल बरी न.पा. वडा नं. ४ को अध्यक्ष श्री रमेश जंग थापा हुनको अध्यक्षतामा कामी निम्न सराकाराला उपस्थित हुने तथा आयोजनाबाट उपस्थित विज्ञहरूको सहभागितामा हटाई कामाधिका हलफल र निर्णय गरको हो।

उपस्थिति

क्र.सं.	नाम	ठेगाना	फोन नं.	हस्ताक्षर
१.	रमेश जंग थापा	वडा अध्यक्ष वडा नं. ४	९८८२३०७७	_____
२.	विष्णु कुमार भट्ट	वडा नं. ४	९८८२३०७७	_____
३.	अष्टवक्राडा मन्त्री	वडा नं. ४	९८८२३०७७	_____
४.	मधुवन उमर खेल	"	९८८२३०७७	_____
५.	जयन्त खर्क	"	९८८२३०७७	_____
६.	मुक्ति कर्ण	"	९८८२३०७७	_____
७.	इन्द्र शर्मा	"	९८८२३०७७	_____
८.	मन्त्री	"	९८८२३०७७	_____
९.	धन जंग थापा	"	९८८२३०७७	_____
१०.	विष्णु डे.सी.	"	९८८२३०७७	_____
११.	बालीका पोखरेल	"	९८८२३०७७	_____
१२.	अर्चना धावला	"	९८८२३०७७	_____
१३.	रत्न पौडेल	"	९८८२३०७७	_____
१४.	मन्त्री	"	९८८२३०७७	_____
१५.	मन्त्री	"	९८८२३०७७	_____
१६.	जयन्त खर्क	"	९८८२३०७७	_____
१७.	विष्णु डे.सी.	"	९८८२३०७७	_____
१८.	बालीका पोखरेल	"	९८८२३०७७	_____
१९.	अर्चना धावला	"	९८८२३०७७	_____

Page No. \_\_\_\_\_  
Date: / /

इलफलका निष्पत्ति

- आयोजनाबाट आउनु भएका विज्ञापनबाट आयोजनाको बारेमा जानकारी अबोध भयो।
- वितरण लाईन निर्माण तथा सारकारी, जग्गा, सामुदायिक वन सडकको कितारो वरिपरि जानै दिइएको थियो। यसको साथै स्थानीय विद्यमान रडको री ११० के.मी. वितरण लाईनलाई स्तरोन्नत तथा Composite गरी वितरण लाईन जानै दिइएको थियो।
- उप-आयोजना निर्माण गर्दा उप-आयोजना संस्थापिकाहरूमा शिप तथा दस्ताको आधारमा स्थानीय जनशक्तिलाई रोजगारीमा प्राथमिकता अवसर दिनुपर्ने।
- वितरण लाईन विस्तार गर्दा निर्माण सम्पत्तिमा कुनै क्षति लाग्नेगर्ने खतरा बिनाको क्षतिपूर्ति आयोजनाले दिनुपर्ने।
- प्रस्तावित उप-आयोजना निर्माण गर्दा यस क्षेत्रमा रडको धार्मिक तथा पुरातात्विक महत्वका संरचना तथा सांस्कृतिक संरचनाहरूमा कुनै प्रकारको नकारात्मक असरको नपार्ने दिइएको थियो।
- आयोजना प्रत्यक्ष प्रभावित क्षेत्रमा आबैवासी जनतालाई उप-आयोजना कतिपय सामाजिक, धार्मिक तथा सांस्कृतिकमा कुनै पनि नकारात्मक असर नपार्ने दिइएको थियो।
- यस क्षेत्रमा विद्युत आपूर्ति अभावपूर्ण विद्युत आपूर्तिमा सुधार गर्नुपर्ने दिइएको थियो।
- प्रस्तावित उप-आयोजना निर्माणमा स्थानीय बासिन्दा तथा सरोकारवालाहरूको पूर्ण सहभागिता सम्वन्ध रडको जानकारी गराइएको थियो।
- प्रस्तावित क्षेत्र बस्ती, सांस्कृतिक सम्पदा संरक्षण रचना तथा जानकारी गराइएको थियो।

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Page No. \_\_\_\_\_  
Date: / /

आज मिति २०७८/१०/२२ गतेको दिन बाजुराकोट जिब्बा कुपुण्डे पालिका वडा नं. २ को अड्डाकोमा नेपाल विद्युत प्राधिकरण वितरण पुर्णाली स्तरोन्नती तथा विस्तार आयोजना (DSUEP) इन्जिनियर निर्माण कुन गडिरेको कुपुण्डे-समैला विद्युत वितरण लाईन उप-आयोजना (वितरण लाईन) सब-स्टेशन १ निर्माणको बिनिश्चिन्नामा भौतिक, जैविक र सामाजिक आर्थिक तथा सांस्कृतिक वातावरणमा पर्ने प्रभाव पार्नेको इलफल ज्ञानी निम्न सरोकारवाला व्यक्तिहरू तथा आयोजनाबाट उपस्थित विज्ञापनको सहभागितामा देशीय बमोजिमको इलफल र निष्पत्ति गरिएको हो।

उपस्थिति

क्रम	नाम	ठेगाना	फोननम्बर	दस्तखत
१	नरमरा सिंह	कुपुण्डे		<i>(Signature)</i>
२	काली क. नेपाली	२-२		
३	मन्ना क. शाही	२-२		इ.स. शाही
४	रुष्म क. सिंह	२	९८६६४१९६९४	<i>(Signature)</i>
५	दिल्ली क. खड्गे	कुपुण्डे		दिल्ली क. खड्गे
६	गोविन्द शाही	६		गोविन्द शाही
७	डे दीपक शाही	६		डे दीपक शाही
८	धनराज शाही	२		धनराज शाही
९	राज क. खड्गे	५	९९५९९२६१००८	राज क. खड्गे
१०	इल व. थापा	कुपुण्डे	९८६८९३९९९९९	<i>(Signature)</i>
११	गोरावले रोकथ	"		
१२	इल व. सिंह	कुपुण्डे		इल व. सिंह
१३	देवी रोकथ	कुपुण्डे		
१४	इल व. थापा	"		इल व. थापा
१५	सिला थापा	"		सिला थापा
१६	सम्रा रोकथ	"		सम्रा रोकथ
१७	सुपु रोकथ	"		सुपु रोकथ
१८	गंगा कुमारी थापा	"		गंगा कुमारी थापा
१९	विष्णु सिंह	"		विष्णु सिंह
२०	गोरी रोकथ	"		गोरी रोकथ
२१	धन व. थापा रोकथ	"		धन व. थापा रोकथ
२२	देवी कला थापा	"		देवी कला थापा

Page No. _____ Date: / /		
२३ मिर्जिका बापा	कुशो.५	मिर्जिका
२४ भजन व. पि.कु	कुशो.५	मानवाहापुर
२५ जितेन्द्र नेपाली	"	जिरेड
२६ पातमती रोकथ	"	"
२७ नर वहाण्ट बिह	कुशो-६	गैराहाट
२८ जेदीस राम विमली	समाप्ताही डेटा १५८८८८	जिरेड
२९ दिवश अधिकारी	वातावरण विद	९८५१०९८२००
३०. नवीन कुश	"	९८५२६९१९९९
३१. हेमल अधिकारी	समाप्ताही	जिरेड

**हस्तक्षेपका निमित्त**

१. आयोजनाबाट आफ्नैभित्रका विज्ञहरूबाट आयोजनाको बारेमा जानकारी अवगत गराउनु।
२. वितरण लोडिङ निजी तथा सरकारी जग्गा, सामुदायिक वन सडकका किनार अक्षर लाग्न होक्नु।
३. यस उप-आयोजनाको वितरण लोडिङ विस्तार गर्दा बाती क्षेत्रहरू बाडिन्छन् लैजाकुपती तथा अरुको निजी जग्गाहरू बाडिन्छन् लैजाकुपती हो। साथै निजी जग्गा वन लैजाकुपती अवस्था लोडिङ तथा पोल जग्गाको बाती वा इन्डर लैजाहा राख्नु हुने।
४. उप-आयोजना निर्माण गर्दा उप-आयोजना स्वकीय काममा शिपु तथा दहताको आधारमा स्वनीप जनश्रमिकहरू राजगारीमा प्राथमिकता अवरुद्ध हुने।
५. वितरण लोडिङ विस्तार गर्दा निजी सम्पत्तिमा हुने क्षति बुझाउनु बाँड पिडाका क्षतिबाट आयोजनाले हुने।
६. पुस्ताको उप-आयोजना निर्माण गर्दा घर कुँजमा रडको धातु तथा पुरातात्विक सडकका सिचन तथा सांस्कृतिक संस्कृताहरू कुनै प्रकारको नकारात्मक असर पर्ने हुने।
७. आयोजना प्रथम, पुस्ताको क्षेत्र भित्र आदिवासी जनजातिहरू तथा जनकारी गराउनु।
८. यस क्षेत्रमा विद्युत आपूर्ति नभएकोले आयोजना

Page No. _____ Date: / /	
प्रवाहिलु झुडु गरि कार्यरत पश्चात विद्युत आपूर्ति हुने।	
९. पुस्ताको उप-आयोजना निर्माणमा स्वनीप बाँडिनु तथा सरकारी जग्गाहरूको पुर्ण सडकमा र सम्पत्ति रडको जनकारी गराउनु।	
१०. पुस्ताको क्षेत्र वरि, सांस्कृतिक सम्पदा संरक्षण र सबै तर्फको जनकारी गराउनु।	
निर्देशकको कार्य	

आम्र मिति २०७८/१०/२४ गतेको दिन जाजरकोट जिल्ला कुसु गाउँपालिका वडा नं.४को बसुप्रिया लेपल विद्युत प्राधिकरण वितरण पुणाली स्तरोत्तरी तथा वितरण आयोजना (DSUEP) अन्तर्गत निर्माण हुने गडरिङ्को कुसु-समैला विद्युत वितरण लाईन उप-आयोजना (वितरण लाईन) / सब स्टेशन १ निर्माणको शिलशिलामा भौतिक, जैविक र सामाजिक आर्थिक तथा सांस्कृतिक वतावरणमा पर्ने सबै प्रकारका हानिफल हामी निम्न सरोकारवाला व्यक्तिको तथा आयोजनाबाट उपस्थित विज्ञहरूको सहभागितामा हडाय बमोजिमको हानिफल र निर्णय गरेको छौं।

उपरिबर्ति:

क्र.स.	नाम	स्थान	फोन नम्बर	दस्तावेज
१	गाय वडाप्रकारमी	कुसु, २ खुर्पा		५१
२	अभिलेख वस्थाल	"	९८६५०८८८८६	५२
३	मेन व रावल	"		५३
४	लाल व. वि.क	"		५४
५	सुन्दरी वि.क	"		५५
६	लगापुगा वि.क	"		५६
७	प्रकाश रावल	"	९७४४२४९४२३	५७
८	शुभाधरा पाछो	"		५८
९	कुमारी साकी	"		५९
१०	सुनसरा साकी	"		६०
११	विष्णु वि.क	"		६१
१२	मेसरी वि.क	"		६२
१३	मन व. वि.क	"	९८६६३६६६०९	६३
१४	साउत कार्मी	"		६४
१५	गत व. व. पापा	"	९८४०९९९०९०	६५
१६	शान्तरा साकी	"		६६
१७	लाल वडा वि.क	"	९८६५२५८५८	६७
१८	शेरु विष्णु साकी	"	९८४४८४४४०६	६८
१९	शान वडा वि.क	"		६९
२०	अमर व. वि.क (मर्मा)	"		७०
२१	लाल व. वि.क	"	९७४२९६६६६	७१
२२	सुनसरा वि.क	"	९७५१५१४०९९९	७२

क्र.स.	नाम	स्थान	फोन नम्बर	दस्तावेज
२३	गत व. वि.क	"		७३
२४	लाल व. साकी	"		७४
२५	शानसरा वि.क	"		७५
२६	परे वडा	"		७६
२७	शानसरा वडा	"		७७
२८	शेरु वि.क	"		७८
२९	विष्णु वि.क	"		७९
३०	कुसु व. वि.क	"		८०
३१	शेरु साकी	"		८१
३२	शानसरा साकी	"		८२
३३	लाल व. वि.क	"		८३
३४	शेरु व. साकी	"		८४
३५	शानसरा वि.क	"		८५
३६	शानसरा वि.क	"		८६
३७	शानसरा वि.क	"		८७
३८	शानसरा साकी	"		८८
३९	विष्णु साकी	"		८९
४०	शेरु वि.क	"		९०
४१	शेरु वडा वि.क	"		९१
४२	शेरु वडा वि.क	"	९८६८०४००६०	९२
४३	शेरु व. व. वडा	"	९८६५१६८७७२	९३
४४	शेरु व. साकी	"		९४
४५	शेरु व. वि.क	"		९५
४६	शेरु व. वि.क	"	९८४१९५४८८८	९६
४७	शेरु व. वि.क	"		९७
४८	शेरु व. वि.क	"	९८४४०९८२००	९८
४९	शेरु व. वि.क	"	९८४४८४४४४४४	९९

हानिफलका निर्णयहरू

१. आयोजनाबाट आउनुभएका विज्ञहरूबाट आयोजनाको बारेमा जानकारी प्राप्त गर्नु।
२. वितरण लाईन निर्माण तथा साकारी जग्गा सामुदायिक

संकेतको कितार भर जानै हो कि न हो।

३. उप-आयोजनाको वितरण लाईन वितरण गर्दा बस्ती होउभन्दा बाहिरबाट लैजागुपर्ने तथा आएको निजी लगानाबाट बाहिरबाट लैजागुपर्ने हो। साथै निजी लगानाबाट लैजागुपर्ने अवस्थामा लक्षित तथा पोल लगानाको आली वा हँडबस्तु लैजागु राख्नु हुने।

४. उप-आयोजना निर्माण गर्दा उप-आयोजना शुद्धीकरण काममा त्रिप तथा दमताको आधारमा स्थानीय जनताकोलाई रोजगारीमा प्राथमिकता दिनुपर्ने।

५. वितरण लाईन वितरण गर्दा निजी सम्पत्तिमा हुने क्षति बालीतानी बाट खेतीका लागि क्षति आयोजनाले दिएको हुने।

६. प्रस्तावित उप-आयोजना निर्माण गर्दा यस क्षेत्रमा रहेका धार्मिक तथा पुरातात्विक प्रहलको संरक्षण तथा सांस्कृतिक संरक्षणका लागि कुनै प्रकारको नकारात्मक असर नपर्ने हो कि न हो।

७. आयोजना प्रत्यक्ष प्रभावित क्षेत्र भित्र आदिवासी जनजातिहरूको लागि जातकारी गराउनुपर्ने।

८. यस क्षेत्रमा विद्युत आपूर्ति नभएकोले आयोजना संचालित हुनु गरी विद्युत आपूर्ति गर्नुपर्ने।

९. प्रस्तावित उप-आयोजना निर्माणमा स्थानीय कार्यशाला तथा सरकारको जातकारी पूर्ण सङ्ग्रह र समीक्षा रङको जातकारी गराउनुपर्ने।

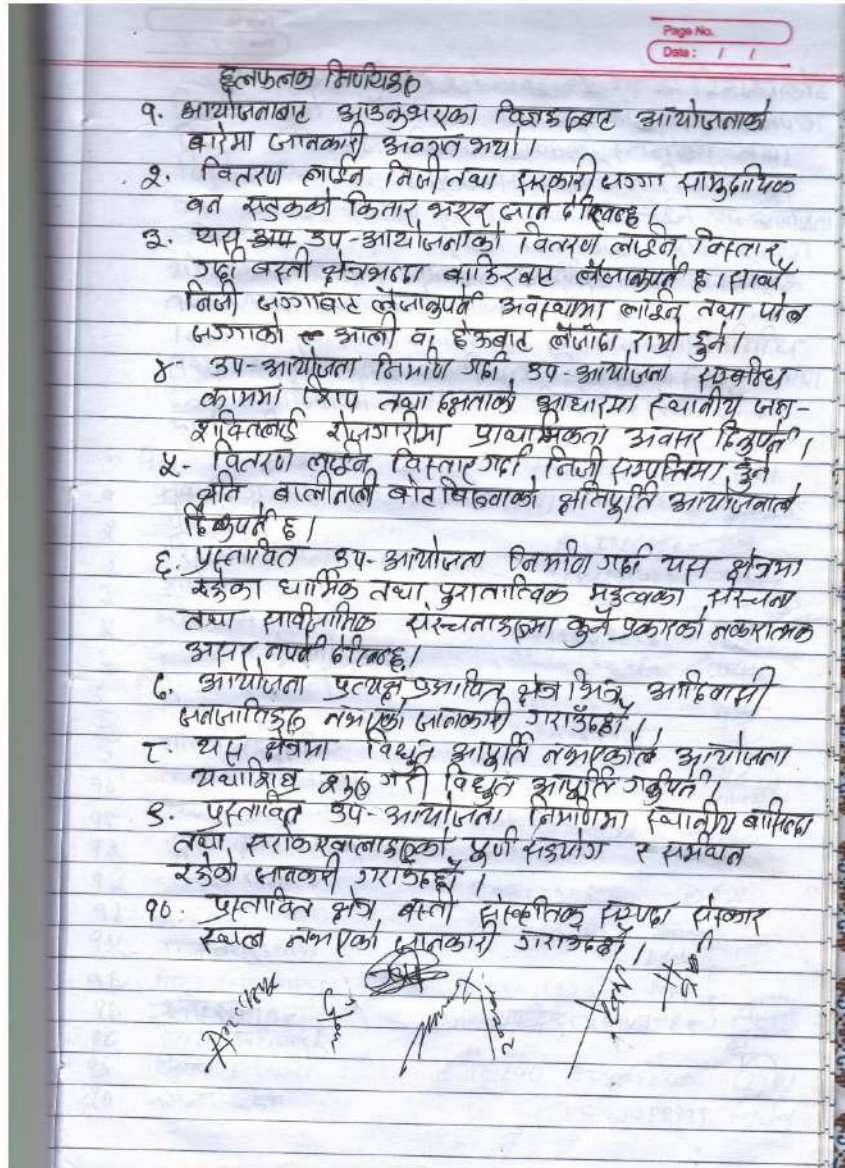
१०. प्रस्तावित क्षेत्र बस्ती-संस्कृतिक सम्पदा संरक्षण स्थल नभएको जातकारी गराउनुपर्ने।

संकेतको कितार भर जानै हो कि न हो।

साथ मिलि २०७८/१०/३४ गतेको दिन जाजरकोट जिल्ला कुशी गाउँपालिका वडा नं. २ को विद्युत नोपल विद्युत प्राधिकरण वितरण प्रणाली स्तरोन्नती तथा वितरण आयोजना (DSUEP) अन्तर्गत निर्माण हुने उप-आयोजनाको कुरा-समेत, विद्युत वितरण लाईन उप-आयोजना वितरण लाईन/सब स्टेशन निर्माणको प्रक्रियामा भौतिक, जलिक र सामाजिक आर्थिक तथा सांस्कृतिक वातावरणमा पर्ने सबै प्रभाव तालका हलफले डा.जी निम्न युरोकार-वाला व्यक्तित्वहरू तथा आयोजनाबाट उपस्थित विज्ञहरूको सहभागितामा हँडाय बमोजिमको हलफले र निर्णय गरिएको हो।

उपस्थिति:

क्र.सं	नाम	प्रेमाला	फोन नम्बर	हस्ताक्षर
१	प्रेम बडाङ (सर्ज)	कुशी, खड्ग	९८६६३७९२२	प्रेम
२	रा.ग. व. चन्द	"	९८६६२९९६६२	रा.ग. व. चन्द
३	अमिल ब. खत्री	"	९८४२२३३३९२	अमिल
४	नर बडाङ (मन्त्र)	"	९८४२२३३३९२	नर
५	जातक राजा-चर्क (कोषाध्यक्ष)	कोशी, खड्ग	९८४२२३३३९२	जातक राजा
६	नेम बडाङ (चर्क)	कोशी, खड्ग	९८४२२३३३९२	नेम
७	उत्त बडाङ (चर्क)	कोशी, खड्ग	९८४२२३३३९२	उत्त
८	नर बडाङ (मन्त्र)	"	९८४२२३३३९२	नर
९	जातक बडाङ (चर्क)	"	९८४२२३३३९२	जातक
१०	बुध प्रकाश मन्त्र	"	९८४२२३३३९२	बुध
११	गण बडाङ (मन्त्र)	"	९८४२२३३३९२	गण
१२	बुध प्रकाश मन्त्र	"	९८४२२३३३९२	बुध
१३	बुध प्रकाश मन्त्र	"	९८४२२३३३९२	बुध
१४	सीता शाह	"	९८४२२३३३९२	सीता
१५	निशा-चर्क	"	९८४२२३३३९२	निशा
१६	सदरत मन्त्र	"	९८४२२३३३९२	सदरत
१७	मनिषा-चर्क	"	९८४२२३३३९२	मनिषा
१८	नमशा-चर्क	"	९८४२२३३३९२	नमशा
१९	कृष्ण व. मन्त्र	"	९८४२२३३३९२	कृष्ण
२०	लक्ष्मी शाही	"	९८४२२३३३९२	लक्ष्मी
२१	रा.ग. व. चन्द	समाधानकर्ता	९८४२२३३३९२	रा.ग. व. चन्द



आम मिति २०७८/१०/२५ गतेको हिनसाकोट

जिल्ला कुशी गाउँपालिका वडा नं. ५ को इमहलासा नेपाल विद्युत प्राधिकरण, वितरण प्रणाली स्तरोन्नति तथा विस्तार आयोजना (DSUEP) अन्तर्गत निर्माण हुने डाईरेक्ट कुरु-समैला विद्युत वितरण लाईन उप-आयोजना (वितरण लाईन/पब स्टेशन निर्माणको शिल्लेखाला) भौतिक लेविक र सामाजिक आर्थिक तथा सांस्कृतिक वृतावरणमा पानी सक्ने प्रभाव गरीको हलफल डामो निर्मित सरकारी खाना ब्यक्तिगत, स्थानिय जनप्रतिनिधि तथा आयोजनाबाट उपस्थित विज्ञहरूको सिफारिसमा हस्ताक्षरको हलफल र निर्णय गरिनेछ।

उपस्थिति

क्र.सं.	नाम	ठेगाना	फोननम्बर	हस्ताक्षर
१	भक्त जंग खाडी	कुशी इमहला (डा.सि.ग.)	९८४२२२२२२२	
२	पुम केसी	"	९८८८८८८८८८	
३	शिव बहादुर मल्ल	"	९८८८८८८८८८	
४	गणेश खत्री	"	९८८८८८८८८८	
५	मोतीराम नेपाली	"	९८८८८८८८८८	
६	आशा राम नेपाली	"	९८८८८८८८८८	
७	पुम के. नेपाली	"	९८८८८८८८८८	
८	विनाई बापा	"	९८८८८८८८८८	
९	गोरे बहादुर विष्ट	"	९८८८८८८८८८	
१०	लाल बहादुर नेपाली	"	९८८८८८८८८८	
११	कृष्ण बहादुर बापा	"	९८८८८८८८८८	
१२	पुम के. नेपाली	"	९८८८८८८८८८	
१३	सिद्ध राम आर्खी	"	९८८८८८८८८८	
१४	चन्द्र बहादुर थापा	"	९८८८८८८८८८	
१५	लाल बहादुर थापा	"	९८८८८८८८८८	
१६	शान्ति बहादुर थापा	"	९८८८८८८८८८	
१७	सुपरी राम पिप्ले	सिम्रौली	९८८८८८८८८८	
१८	सुरेश आर्खी	"	९८८८८८८८८८	
१९	दिनेश आर्खी	वातावरण/वि. ३	९८८८८८८८८८	
२०	नवीन गुप्ता	"	९८८८८८८८८८	

हलफलको निर्णय

- आयोजनाबाट आउनुभएका विज्ञहरूबाट आयोजनाको बारेमा जानकारी प्राप्त भयो।
- वितरण लाईन निर्माण तथा सरकारी लज्जा, सामुदायिक वन सहको कितार भएर जानुपर्नेछ।
- यस उप-आयोजनाको वितरण लाईन विस्तार गर्दा बस्ती भित्रबाट बाहिरबाट लैजाउनुपर्ने छ। साथै निजी लज्जाबाट लैजाउनुपर्ने अवस्थामा लाईन तथा पोल लज्जाको आली वा हुडबाट लैजाउनु पर्नेछ।
- उप-आयोजना निर्माण गर्दा उप-आयोजना सुबन्धित काममा क्षति तथा हानिको आधारमा स्थानीय जनआक्ति-लाई रोजगारीमा प्राथमिकता उपयुक्त हुनुपर्नेछ।
- वितरण लाईन विस्तार गर्दा निजी सम्पत्तिमा हुने क्षति बलीतानी बोर्ड पोलको क्षतिपूर्ति आयोजनाबाट हुनुपर्नेछ।
- प्रस्तावित उप-आयोजना निर्माण गर्दा यस क्षेत्रमा रहेको धार्मिक तथा पुरातात्विक महत्वका स्थल तथा सांस्कृतिक संस्कृताउल्लंघन कुनै प्रकारको नकारात्मक असर नपर्ने हुनेछ।
- आयोजना पथमा प्रभावित क्षेत्रमा आदिवासी जनजाति-को नकारको जानकारी गराउनेछ।
- यस क्षेत्रमा विद्युत आपूर्ति नभएको क्षेत्रमा आयोजना प्रवा-सिद्ध सुदुरगर् विद्युत आपूर्ति उपयुक्त हुनेछ।
- प्रस्तावित उप-आयोजना निर्माणमा स्थानीय बासिन्दा तथा सरकारी खानाबखानाको पूर्ण सिङ्गो र सम्वन्धित रहेको जानकारी गराउनेछ।
- प्रस्तावित क्षेत्र बस्ती सांस्कृतिक संस्कृता संस्कार स्वतन्त्रताको जानकारी गराउनेछ।

सिद्ध राम पिप्ले, दिनेश आर्खी, नवीन गुप्ता, सुरेश आर्खी, चन्द्र बहादुर थापा, लाल बहादुर थापा, शान्ति बहादुर थापा, सुपरी राम पिप्ले, सिद्ध राम आर्खी, पुम के. नेपाली, गोरे बहादुर विष्ट, कृष्ण बहादुर बापा, लाल बहादुर नेपाली, विनाई बापा, पुम के. नेपाली, भक्त जंग खाडी, पुम केसी, शिव बहादुर मल्ल, गणेश खत्री, मोतीराम नेपाली, आशा राम नेपाली, पुम के. नेपाली

Page No. \_\_\_\_\_  
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आमिति २००८/१०/२५ उतका हिन जलनकाटिजित्ता कुशी आकपालिका वडा नं ५ का पाँचकीरियामा नेपाल विद्युत प्राधिकरण, विद्युत प्रणाली स्तरीय तथा विस्तार आयोजना (DSUEP) अन्तर्गत निर्माण हुन गइरहेको कुदु-समैला विद्युत वितरण लाईन उप-आयोजना (वितरण लाईन) एवं रहेको निर्माणको शिलशिलामा भौतिक जाँच र सामाजिक, आर्थिक तथा सांस्कृतिक वातावरणमा पर्ने नकारात्मक प्रभाव वारेको हलफत होमो तिन सरोकारवाला व्यक्तिको तथा आयोजनाबाट उपस्थित विज्ञहरूको सहभागितामा हड्ताल बमोहामको हलफत र निर्णय गरेका हुन्।

उपस्थिति:

क्र.स	नाम	ठेगाना	फोन नम्बर	हस्तात
१	ललित बहादुर खत्री	पुगे-१	९७४८६३८०५६	ललित खत्री
२	दिर्घ राज आसरी	पुगे-१	९८४८५२००३	दिर्घ राज
३	दल बहादुर सिंह	पुगे-२	९८५८१५५५७	दल बहादुर
४	सखि राम खत्री	पुगे-२	९८६८०४६६७६	सखि राम
५	पुष्पा रोकाय	"	९८६६१२०९९८	पुष्पा
६	कमल प्र. पुन	"	"	कमल प्र.
७	केश बहादुर थापा	"	"	केश बहादुर
८	धन बहादुर खत्री	"	"	धन बहादुर
९	बलराम पुन	"	९८०६५६६८४६	बलराम
१०	केशा न. रोकाय	"	९८४८१२४४१९	केशा न.
११	प्रमन थापा	"	९८६६२०८८९३	प्रमन
१२	बिरेन्द्र पुन	"	९८६६२१८१३४	बिरेन्द्र
१३	पुर्ण बहादुर खत्री	"	"	पुर्ण बहादुर
१४	जिज्ञास खत्री	"	९८०२५१७५५१	जिज्ञास
१५	बिर बहादुर खत्री	"	"	बिर बहादुर
१६	मान बहादुर सिंह	"	९८४८६३०८७२	मान
१७	ललित थापा	"	"	ललित
१८	रत्नवीला थापा	"	"	रत्नवीला
१९	धनसरा सिंह	"	"	धनसरा
२०	तडीमि खत्री थापा	"	"	तडीमि
२१	मिलन थापा	"	"	मिलन
२२	सीता थापा खत्री	"	"	सीता
२३				

Page No. \_\_\_\_\_  
Date: / /

२३ बिमला खत्री  
२४ तुलसी खत्री  
२५ तडीमि खत्री  
२६ विमला थापा  
२७ विमल रोकाय  
२८ राज सिंह  
२९ जयस रोकाय  
३० दिव्य आचार्य

कुशी ५ ९८६८०४०८६  
" ९८६८०४३३६४  
" ९८६६६४६०४२  
समाजवादी ९८५९४३८८९  
वतावला ९८५२०९८२००

हलफतको निर्णयहरू

१. आयोजनाबाट आउनुभएका विज्ञहरूबाट आयोजनाको बारेमा जानकारी प्राप्त गरियो।
२. विवरण लाईन निर्माणको सार्वजनिक पत्र सडकको किनार अर्द्ध जाले दिइयो।
३. यस उप-आयोजनाको विवरण लाईन विस्तार गर्दा बस्ती क्षेत्रमा बाडिबस्ती लैजाकोपती हो। सार्वजनिक जग्गाको लैजाकोपती अवस्थामा लाईन तथा पोल जग्गाको अन्तर्गत हुने हुँदा लैजाकोपती राख्नु हुने।
४. उप-आयोजना निर्माणको उप-आयोजना सूचनीय काममा माप तथा हलफत आधारमा हलफत पत्रमा लाईन रोलगाडीमा प्राथमिकता अवसर दिइनेछ।
५. विवरण लाईन विस्तार गर्दा निजी संपत्तिमा हुने क्षति, कालोतली कोट विस्थापन क्षतिपूर्ति आयोजनाबाट दिइनेछ।
६. पुस्तावित उप-आयोजना निर्माणको पत्र होउनेछ। रडको धार्मिक तथा पुरातात्विक महत्वको संरचना तथा सांस्कृतिक संरचनाहरूमा कुनै प्रकारको नकारात्मक असर पर्ने छैन।
७. आयोजना प्रत्यक्ष प्रभावित क्षेत्रमा आदिवासी जनजातिको बसोबास नरहेको तर आयोजनाबाट नजिकको क्षेत्रमा बसोबास रडको आसपासको क्षेत्रमा सामाजिक, धार्मिक तथा सांस्कृतिक कुनै प्रकारको असर पर्ने छैन।
८. यस बस्ती तथा क्षेत्रमा विद्युत आपूर्ति नभएको हुँदा यहाँका उप-आयोजना निर्माण हुनु गरी दिइनेछ।

क्र.सं.		नाम	ठेगाना	फोन नम्बर	हस्ताक्षर
१	१	एन बहादुर राकाय	अ.न.पा.३ बागमती	९८९२२४९९९	राम
२	२	रेखा बहादुर राकाय	"	९८९२९०३०९	सुशम
३	३	देव बहादुर राकाय	"	९८९२०३२४६	देवी
४	४	मन सिंह ठकुरी	"		म.रा.
५	५	मोहन कुमार सिंह	"	९०४२९२६०४४	
६	६	नवराज आरती	"	९६४६९४२६९४	सुम
७	७	लोकेश बहादुर पुन	"	९८९८९६२४३०	सुम
८	८	सुमित्रा सुवेदी	"	९६४८०३६२४०	सुम
९	९	राजेश्वर राकाय	"	९८९०६६४९८९	सुम
१०	१०	रमेश वं. नि	"	९८१८५६४४८४	सुम
११	११	राजेश्वर ठकुरी	"	९६६८१२३३३४	सुम
१२	१२	कृष्णवहादुर राकाय	"	९६४८०४८९८८	सुम
१३	१३	मित्र बहादुर राकाय	"	९६४८०४९९९६	सुम
१४	१४	रमेश बहादुर राकाय	"	९८४८९६६६९९	सुम
१५	१५	मिलन राकाय	"	९६४८०२९९९३	सुम
१६	१६	रमेश बहादुर राकाय	"	९६४८०४२४४८	सुम
१७	१७	रमेश बहादुर राकाय	"	९८००४८००४९	सुम
१८	१८	रमेश बहादुर राकाय	"	९८००४८२४४	सुम
१९	१९	रमेश बहादुर राकाय	"	९८४८०५९९८४	सुम
२०	२०	रमेश बहादुर राकाय	"	९८४८०५९९८४	सुम
२१	२१	रमेश बहादुर राकाय	"	९८४८०५९९८४	सुम
२२	२२	रमेश बहादुर राकाय	"	९८४८०५९९८४	सुम

२२ मनाप मुनार अनं.पा.२ ९८४४६२२६६ २०१०

२३ पुमान काकी अनं.पा.२ ९८६६-२२९५२५ २०११

२४ ललित के राखप अनं.पा.२ ९८०८४२६०२६ २०१०

२५ सुविश्राम रत्नकर अनं.पा.२ ९८६८४६४६२ २०११

२६ राजाराम विमली मनापकाकी ९८२९४४३८९९ २०१०

२७ रमेश आचकारी ११ ९८२४०१८३०० २०१०

२८ विवेक आचकारी ११ ९८४३६९२९९९ २०११

२९ लीला गुप्त ११ ९८४३६९२९९९ २०११

**हलफलका निरीक्षण**

- आयोजनावार आयोजनाका विज्ञानकार आयोजनाको बारेमा जानकारी अर्जत भयो।
- वितरण बजेट मिलीतथा सावकारी लागू सामुदायिक वन सुइका किताब भरपूरान होविरह। यसका साथ अनं.पा.२२ नक्षमा डाल ११ केवलगत विद्यमान रईकोल यमलगतितलई स्तरांतरी तथा Composite गरी वितरण बजेटान होविरह।
- उप-आयोजना निमणितगर्हा उप-आयोजना संवर्धित काममा शिप तथा हलताको आधारमा स्थानीय जनताकितलई रोजगारीमा प्रभावितकता अवसर दिनुपर्ने।
- वितरण बजेट विस्तार गर्दा मिली सम्पत्तिमा कुनै हानि बालीनाली बोट बिल्लाको हानिपूर्ति आयोजनाले दिनुपर्ने हो।
- प्रस्तावित आयोजना निमणितगर्हा यस क्षेत्रमा रईका धार्मिक तथा पुरातात्विक सुइका संरचना तथा सार्वजनिक संरचनाकितलई कुनै प्रकारको नकारात्मक असर हुन होविरह।
- आयोजना प्रत्यक्ष प्रभावित क्षेत्र भित्र आदिवासी जनजातिहरू नरईका तर नजीकै हुनेमा, रईका भ्रष्टाचार आदिवासी जनजातिहरूका धार्मिक, सांस्कृतिक, सामाजिक तथा शिक्षितमा कुनै प्रकारको नकारात्मक असर नपर्ने होविरह।
- यस क्षेत्र तथा कालीमा लुक्नु कि विद्युतवाट विद्युत आपूर्ति आप्तापनि भरपर्दा सेवा नभएको आयोजना निमणित प्रभावित क्षेत्र हुनु गरी सम्पन्न पत्र्यात भरपर्दा

विद्युत आपूर्ति उपलब्ध।

८. प्रस्तावित, उप-आयोजना निर्माणमा स्थानीय बण्डिहा तथा सांकारवाला झुल्की, पुर्णसङ्गठन र समकाल रङ्को जातकारी गराउनेछौ।

९. प्रस्तावित गैर काली, माकलिक, मध्यमा, र सांकार स्वतन्त्र नभएको जातकारी गराउनेछौ।

*(Handwritten signatures and marks follow)*

आज मिति २०७८/१०/१७ गतेको दिन जाजरकोट जिल्ला भरी नगरपालिका वडा नं ११ कुदुराकोटमा नेपाल विद्युत प्राधिकरण, वितरण प्रणाली स्तरान्ती तथा विस्तार आयोजना (DSUEP) अन्तर्गत निर्माण हुने गड्डिचुको कुदु-समैला विद्युत वितरण लाईन उप-आयोजना/वितरण लाईन/सब स्टेशन निर्माणका लागि शिलानिष्ठामा भौतिक, जमिनिक र सामाजिक आर्थिक तथा सांस्कृतिक वातावरणमा प्राप्त गर्न प्रभाव बढेको हुनाले यो निर्माण सरकारीको व्यक्तित्व तथा आयोजनाबाट उपस्थित विज्ञहरूको उपस्थितिमा ईशान्य बमालिमको हस्तक्षेप र निर्णय गरको हो।

उपस्थिति:

क्र.सं.	नाम	ठेगाना	फोननम्बर	दस्तखत
१	रामचन्द्र आचार्य	सुर्खेत-११	९८००९४०४	रामचन्द्र
२	सुर्खेत आचार्य	"	९८४८९६६९८	सुर्खेत
३	केशव प्र. जोशी	"	९८३०९३६८८	केशव
४	शरत प्र. आचार्य	"	९८६९८३६०५	शरत
५	भोला राम शर्मा	"	९८६९८३६०५	भोला
६	सहोदर प्रसाद आचार्य	"	९८६९८३६०५	सहोदर
७	नारायण देवकोटा (शर्मा)	"	९८६९८३६०५	नारायण
८	सिकाराम उपरधारा	"	९८६९८३६०५	सिकाराम
९	दिपक शर्मा	"	९८६९८३६०५	दिपक
१०	विमल शर्मा	"	९८६९८३६०५	विमल
११	कुमार शर्मा	"	९८६९८३६०५	कुमार
१२	अमिता शर्मा	"	९८६९८३६०५	अमिता
१३	विमल शर्मा	"	९८६९८३६०५	विमल
१४	विमल शर्मा	"	९८६९८३६०५	विमल
१५	डिल्ली आचार्य	"	९८६९८३६०५	डिल्ली
१६	सुनिल शर्मा	"	९८६९८३६०५	सुनिल
१७	सुनिल शर्मा	"	९८६९८३६०५	सुनिल
१८	सुनिल शर्मा	"	९८६९८३६०५	सुनिल
१९	सुनिल शर्मा	"	९८६९८३६०५	सुनिल
२०	सुनिल शर्मा	"	९८६९८३६०५	सुनिल
२१	सुनिल शर्मा	"	९८६९८३६०५	सुनिल

प्रस्तावित उप-आयोजना निर्माणका लागि

१. आयोजनाबाट अर्को अर्को विज्ञहरूबाट आयोजनाको बारेमा जानकारी प्राप्त भयो।
२. वितरण लाईन निर्माण तथा सरकारी जग्गा, सामुदायिक वन सडकको किनार बाएर जानै थियो।
३. यस उप-आयोजनाको वितरण लाईन विस्तार गर्दा बस्ती क्षेत्रहरूबाट बाहिरबाट लैजायुपर्ने तथा घरहरूको निजी जग्गाहरूबाट बाहिरबाट लैजायुपर्ने हुने। साथै निजी जग्गाबाट लैजायुपर्ने अवस्थामा लाईन तथा पोल् जग्गाको आलीवा हुनुबाट लैजायुपर्ने राम्रो हुने।
४. उप-आयोजना निर्माण गर्दा उप-आयोजना निर्माणका काममा शिप तथा दुरुवाको आधारमा स्वामीय जनशक्तिलाई रोजगारीमा प्रयोगिकता अन्तर्गत हुने।
५. वितरण लाईन विस्तार गर्दा निजी सम्पत्तिमा हुने क्षति तालीजाली बढेको हुनाले क्षतिपूर्ति आयोजनाले गर्नुपर्ने हुने।
६. प्रस्तावित उप-आयोजना निर्माण गर्दा यस क्षेत्रमा रहेको धार्मिक तथा पुरातात्विक सडकको, सस्त्रान्त तथा सावधानीपूर्वक सन्तुलनको लागि कुनै प्रकारको नकारात्मक असर हुने नपर्ने हुने।
७. आयोजना प्रत्यक्ष प्रभावित क्षेत्रमा आयोजनाको लागि जनशक्ति तथा जातीयता, परिवार नैजसो र प्रभावित क्षेत्र भित्र रहेको वरिष्ठ रईको भूतलान्ति हुने हुनाले सामाजिक, धार्मिक तथा सांस्कृतिक कुनै पनि नकारात्मक असर तपने हुने।
८. यस क्षेत्रमा विद्युत आपूर्तिमा भएतापनि विद्युत आपूर्तिमा सुधार गर्नुपर्ने हुने।
९. प्रस्तावित उप-आयोजना निर्माणमा स्वामीयताहरू तथा सरकारी जग्गाहरूको पूर्ण सद्व्यवहार र सम्पत्ति रक्षाको लागि गराउने।
१०. प्रस्तावित क्षेत्र बस्ती, धार्मिक, सांस्कृतिक संस्कार स्थल नकारात्मक प्रभावको गराउने।

Page No.				
Date: / /				
आज मिति २०७८।१०।२२ गतेको दिन जोरकारे जिल्ला कमि गैरआफन्त वडा नं ६ को शिक्षणमा नेपाल विद्युत प्राधिकरण वितरण पुणाली सारांशती तथा विचार आयोजना (DSUP) अन्तर्गत निर्माण हुने गडरेडको कुटु संमेलन विद्युत वितरण लाईन उप-आयोजना (वितरण) लाईन / सब स्टेशन) निर्माणको शिलालेखा भौतिक जेकि र सामाजिक आर्थिक तथा सांस्कृतिक वतावरणमा पर्ने सबै प्रभाव वर्तको हलफन डामी भित्र सरोकारवाला व्यक्तिको तथा आयोजनाबाट उपस्थित विज्ञको सुझावितमा हेर्दाय बमालिमको हलफन र निर्णय गरेको हो।				
उपस्थिति:				
क्र.सं.	नाम	ठेगाना	फोननम्बर	हस्तावत
१	कर्ण बडाडुट सिङ्ग (वडा सदस्य)	कुसु, ७ धनमारी	९७२३७२८९	कर्ण बडाडुट
२	राज बडाडुट माडो	"	"	"
३	अप बडाडुट माडो	कुसु, ७ धनमारी	"	हेडरेडको कुटु
४	विजय सिंहवा	"	"	सिजु
५	सिद्धिमान सिंह	"	"	सिद्धि
६	रविन्द्र पौडेल	"	९७४८९९८९०	रविन्द्र
७	मनिषा नेपाली	"	९७४७९२९९९९	मनिषा
८	भार्पल व. रमाटा	"	"	भार्पल
९	आमा सिंह	"	"	आमा
१०	मगसुर नेपाली	"	९७४९९९९०८९	मगसुर
११	जयशिव सिंह	"	९८६६९९९७९९	जयशिव
१२	राम बडाडुट सिंह <small>साच्चै</small>	"	९८६६९९९९९९	राम
१३	इतव सिंह <small>(साव. अध्यक्ष (साला पडुवा)</small>	"	"	इतव
१४	धनसि रमाटा	"	"	धनसि
१५	कृष्ण बडाडुट सिंह	"	"	कृष्ण
१६	मान व सिंह	कुसु, ७ धनमारी	"	मान
१७	शिला इतव पुन	"	"	शिला
१८	जयप्रकाश नेपाली सिंह	"	"	जयप्रकाश
१९	गोपाल पुन	"	९७४८०९९९९९	गोपाल
२०	लिला धर पुन	"	"	लिला
२१	पिदब सिंह	"	"	पिदब

२२ कर्ण व शास्त्री	कौ. ७ धनरात्री	
२३ पद्मा सिंड	"	
२४ धन व शास्त्री	"	
२५ विप सिंड	"	
२६ मलव सिंड	"	
२७ पुंम व शास्त्री	"	
२८ प्रसाद सिंड	"	
२९ जगिद व शास्त्री	"	
३० विप व सिंड	"	
३१ विप व शास्त्री	"	
३२ जेधिराम विमल	महाप्रशास्त्री	२८११४३८९
३३ विप व आधिका	विलास विला	२८४०९८३००
३४ नवीन विला	"	२८४३८३४९९
३५ विप व आधिका	महाप्रशास्त्री	

क्र.सं.		नाम	डेगाता	फोन नंबर	हस्ताक्षर
१	गोपाल बहादुर बराला	अध्यक्ष	मनपा, १३	९८८०९८६९४	
२	धनी वार	अ.न.पा. १४			
३	के. लनाड	"			डा.गी
४	राज कुमार बराला			९८६६६९४९५	हं. लनाड
५	ब. व. वरनेत			९८६५५५३८१७	
६	गो. व. आ. व. व.			९८६०५५००५	सि. व.
७	म. व. व. व. व.			९८६३०६६६००	
८	ल. व. व. व. व.			९८६२३६३०६३	व. व.
९	व. व. व. व. व.			९८६४३७९५३१	व. व.
१०	सु. व. व. व. व.			९८६०५४८५४	व. व.
११	म. व. व. व. व.			९८६३९४२४२	व. व.
१२	व. व. व. व. व.			९८६४८५०५०२	व. व.
१३	श. व. व. व. व.			९८६८९४४०४६	व. व.
१४	न. व. व. व. व.			९८६८०५०५०२	व. व.
१५	म. व. व. व. व.			९८६४३६४५०९	व. व.
१६	व. व. व. व. व.			९८६८०३००५	व. व.
१७	व. व. व. व. व.			९८६४०९११५१	व. व.
१८	व. व. व. व. व.			९८६५९२३४१५	व. व.
१९	व. व. व. व. व.				व. व.
२०	व. व. व. व. व.				व. व.
२१	व. व. व. व. व.				व. व.

Page No. \_\_\_\_\_  
Date : / /

हलफुलका निषेधिका

१. आयोजनावर झडतु भरका पिड्डुल्लार आयोजनाका वारंमा जातकारी पात भयो।
२. वितरण लाईन मिजी तथा सरकारी भग्ना, सामुदायिक वन सडका किनार अरु जात होक्छ।
३. यस उप-आयोजनाका वितरण लाईन किनार उर्दा बस्ती क्षेत्रभन्दा बाडिखार नैजातुपती तथा अरुमा निजी भग्नाभन्दा बाडिखार नैजातुपती हो। सबै मिजी भग्नाभर नैजातुपती अवस्थाका लाईन तथा पोल भग्नाका झालीवा हेडबल नैजातु राख्नु हुने।
४. उप-आयोजना निर्माण उर्दा उप-आयोजना सम्बन्धित काममा शिप तथा दमलका आवागमन स्वामीय भग्नाकिना लाई खोजाश्रीमा पावामिकता अवसर हुनुपर्ने।
५. वितरण लाईन वितरण उर्दा निजी सम्पत्तिमा हुने झति बालीनाली कोटपिड्डाका झतिझति आयोजना नैजातुपती हो।
६. प्रस्तावित उप-आयोजना निर्माण उर्दा यस क्षेत्रमा रडका धार्मिक तथा पुरातात्विक झडतुका, संरचना तथा सांस्कृतिक संरचनाहरूमा कुनै प्रकारका नुकसानका अरु-डड तपने होक्छ।
७. आयोजना प्रत्यक्ष प्रभावित क्षेत्रभित्र आदिवासी जनजातिकु नशरका जातकारी गराउछे।
८. यस क्षेत्रमा विद्युत आपूर्तिमा समस्या आएको उप-आयोजना थवापुग्दा दिवा सि-लाईन जोर शिख अरुपदी सेवा हुनुपर्ने।
९. प्रस्तावित उप-आयोजना निर्माणमा स्वामीय बाडिखार तथा सरकारीवालाड्डा पुर्ण सडकाग व सम्बन्धित रडका जातकारी गराउछे।
१०. प्रस्तावित क्षेत्र बस्ती, सांस्कृतिक सम्पदा संरक्षक स्थल नशरका जातकारी गराउछे।

आज मिति २०७८।१०।१५ गतेको दिन आजकोट (जुम्ला)  
भेरी नगर पालिका वडा नं १२, वार्ड नं १३ मा नेपाल विद्युत प्राधिकरण, वितरण उपशाखा सल्लोखेली तथा वित्तार आयोजना (DSUR) अन्तर्गत निर्माण हुने गडरकोट कुट्टु-सुभेला विद्युत वितरण लाईने उप आयोजना (वितरण लाईन, सब स्टेशन निर्माणको क्रियाकलापमा भौतिक जाँचकुर सम्भावक क्षाधिक तथा सांस्कृतिक बलावर्णमा पार्न सक्ने प्रभाव बारेको हलफण भेरी नं पा वडा नं १२ का अध्यक्ष श्री गीत बडाड अगारी लुक्का अध्यक्षतामा कमेमिन्त सारकारवाला व्यववहक तथा आयोजनाबाट उपस्थित विज्ञहक सहभागितामा हेडय बमोजिमका हलफण रनिणय जाका हो।

क्र.सं.	नाम	ठेगाना	फोननम्बर	हस्तावत
१.	गीत बडाड अगारी	भेरी नं पा वडा नं १२	९७४४४४४४०	
२.	कोशिला गज्जल	काभ्रेपञ्चनारायण	"	कोशिला
३.	मन बडाड गज्जल	"	"	मान बं.
४.	मोतीकल रावल	"	९८६८६८०४३३	मोतीकल
५.	सुमित्रा विक गज्जल	"	९८४४८०११३	सुमित्रा
६.	पुष्पा-चह रावल	"	९८१०३६०१४	पुष्पा
७.	रेखिना रावल	"	९८४४८४८८६	रेखिना
८.	कल्ला गज्जल	"	"	कल्ला
९.	कमल गज्जल	"	"	कमल
१०.	निशा रावल	"	९८३४४४४४४	निशा
११.	सागर गज्जल	"	९८१४४४०८४	सागर
१२.	बुद्ध बडाड विक	"	"	बुद्ध
१३.	ममिता गज्जल	"	"	ममिता
१४.	कमल विक	"	९८४८११४४४४	कमल
१५.	विम बडाड आर	"	"	विम
१६.	अनिला वार	"	"	अनिला
१७.	निपा जोडर	"	"	निपा
१८.	सुमित्रा विक	"	"	सुमित्रा
१९.	गोपाला आर/गोपाला	"	९८४४४४४४८	गोपाला
२०.	पुष्पा विक	"	९८४८११४४४	पुष्पा
२१.	रेखिना	"	"	रेखिना

[illegible]

## Annex 6: DEED OF ENQUIRY (MUCHULKAS)



प.सं. : २०७८/०७९

च.नं. : ०१३५

भेरी नगरपालिका  
नगर कार्यपालिकाको कार्यालय  
खलगा, जाजरकोट  
कर्णाली प्रदेश, नेपाल

फोन: ०८१४३०००२

ईमेल: bherimun@gmail.com

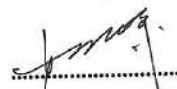
वेबसाईट: bherimun.gov.np

मिति: २०७८।१०।२५

विषय : जानकारी सम्बन्धमा ।

श्री नेपाल विद्युत प्राधिकरण,  
नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना,  
दरबारमार्ग, काठमाण्डौ ।

प्रस्तुत विषयमा तहान् कार्यालयको प.सं. ०७८/०७९, च.नं. १३८ मिति २०७८।१०।०७ गतेको प्राप्त पत्र अनुसार नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको गुनासो समाधान संयन्त्र गठन भएको व्यहोरा प्राप्त भएको जानकारी गराइन्छ ।

  
दल बहादुर घर्ती  
नि. प्रमुख प्रशासकीय अधिकृत  
निमित्त प्रमुख प्रशासकीय अधिकृत



भेरी नगरपालिका  
२ नं. वडा कार्यालय  
बाहुनथान, जाजरकोट  
कर्णाली प्रदेश, नेपाल

प.स. २०७८/०७९

च.नं. १०२६

मिति २०७८/१०/२५


विषय:-सूचना टाँस गरिएको सम्बन्धमा ।

श्री नेपाल विद्युत प्राधिकरण

नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना

दरबारमार्ग, काठमाण्डौ ।

प्रस्तुत विषय सम्बन्धमा तंहा स्थित कार्यालयको मिति २०७८/१०/०६ को प्राप्त पत्र अनुसार कर्णाली प्रदेश जाजरकोट जिल्ला भेरी नगरपालिका वडा नं. २ मा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको वातावरणिय तथा सामाजिक व्यवस्थापन योजना प्रतिवेदन तयारी सम्बन्धी सार्वजनिक सूचना यस कर्णाली प्रदेश जाजरकोट जिल्ला भेरी नगरपालिका वडा नं. २ मा अवस्थित यस २ नं वडा कार्यालयको सूचना पाटिमा २०७८/१०/२५ गते सूचना टाँस गरिएको व्यहोरा अनुरोध छ ।

  
काली बहादुर बली  
वडा अध्यक्ष



भेरी नगरपालिका  
२ नं. वडा कार्यालय  
बाहुनथाना, जाजरकोट  
कर्णाली प्रदेश, नेपाल

प.स. २०७८/०७९

च.नं. १०२७

मिति २०७८/१०/२६

विषय:-आयोजनाले आदिवासी जनजातिलाई असर गर्ने नगर्ने सम्बन्धमा ।

श्री नेपाल विद्युत प्राधिकरण

नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना

दरबारमार्ग, काठमाण्डौ ।

प्रस्तुत विषय सम्बन्धमा एसियन इन्फ्रास्ट्रक्चर इन्वेस्टमेन्ट बैंक(ए.आई.आई.वि.) ऋण सहयोगमा नेपाल विद्युत प्राधिकरण, वितरण तथा ग्राहक सेवा निर्देशनालय, वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना प्रस्तावक रहि कार्यन्वयन गर्न लागेको कूदु समैला विद्युत वितरण लाईन आयोजना अर्न्तगत नेपाल सरकारको पूर्ण विद्युतीकरण गर्ने लक्ष्य बमोजिम यहाँ नगरपालिकाको भेरी नगरपालिका वडा नं.२ हुदै वितरण लाईन जाने बस्तीहरुमा प्रत्यक्ष प्रभावित क्षेत्रभित्र आदिवासी जनजाति नभएको तर नजिकको बस्तीहरुमा आदिवासी जनजातीहरु भएता पनि स्थानीय आदिवासी जनजातीहरुको परम्परागत रहनसहन धर्म भाषा संस्कृती आदिमा कुनै नकारात्मक असर नपर्ने व्यहोरा जानकारी गराइन्छ ।

काली बहादुर वली  
वडा अध्यक्ष



भेरी नगरपालिका  
२ नं. वडा कार्यालय  
बाहुनथोम्बा, जाजरकोट  
कर्णाली प्रदेश, नेपाल

प.स. २०७८/०७९

च.नं. १०२८

मिति २०७८/१०/२६

विषय:- जानकारी सम्बन्धमा ।

श्री नेपाल विद्युत प्राधिकरण

नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना

दरबारमार्ग, काठमाण्डौ ।

प्रस्तुत विषय सम्बन्धमा तह्रा स्थित कार्यालयको च.नं.१३८ मिति २०७८/१०/०७ को प्राप्त पत्र अनुसार नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको गुनासो समाधान संयन्त्र गठन भएको व्यहोरा प्राप्त भएको जानकारी गराइन्छ ।

  
काली बहादुर वली  
वडा अध्यक्ष



## भेरी नगरपालिका ३ नं वडा कार्यालय,

थाप्लेचौर जाजरकोट  
कर्णाली प्रदेश, नेपाल

पत्र सं :- २०७८/०७९

मिति : २०७८/१०/१९

चलानी नं. २९६

**विषय : सुचना टाँस गरिएको सम्बन्धमा ।**

श्री नेपाल विद्युत प्राधिकरण

नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना

दरवारमार्ग, काठमाण्डौ ।

प्रस्तुत विषयमा, त्यहाँ स्थित कार्यालयको मिति २०७८/१०/०७ को प्राप्त पत्र अनुसार कर्णाली प्रदेश जाजरकोट जिल्ला भेरी नगरपालिका वडा नं. ३ मा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको वातावरणीय तथा सामाजिक व्यवस्थापन योजना प्रतिवेदन तयारी सम्बन्धी सार्वजनिक सुचना यस कर्णाली प्रदेश जाजरकोट जिल्ला भेरी नगरपालिका वडा नं. ३ मा अवस्थित यस ३ नं. वडा कार्यालयको सुचना पाटिमा २०७८/१०/१८ गते सुचना टाँस गरिएको व्यहोरा जानकारी गराइन्छ ।

*[Signature]*  
विजया भट्टराय शाह  
वडा अध्यक्ष



भेरी नगरपालिका  
३ नं वडा कार्यालय,  
धाप्लेचौर जंगलकोट  
कर्णाली प्रदेश, नेपाल

पत्र सं :- २०७८/०७९

चलानी नं. २५६

मिति : २०७८/१०/१९

विषय : जानकारी सम्बन्धमा ।

श्री नेपाल विद्युत प्राधिकरण

नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना

दरवारमार्ग, काठमाण्डौ ।

प्रस्तुत विषयमा, त्यहाँ स्थित कार्यालयको मिति २०७८/१०/०७ को प्राप्त पत्र अनुसार नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको गुनासो समधान संयन्त्र गठन भएको व्यहोरा प्राप्त भएको जानकारी गराइन्छ ।

मान्यता प्राप्त  
चयन समिति

फोन नं. ०८९-४३०३५४



## भेरी नगरपालिका ४ नं वडा कार्यालय

गौरीखाली, जाजरकोट

कर्णाली प्रदेश, नेपाल

प.सं. ०७८/०७९

च.नं. :- ३३९

मिति:- २०७८/१०/१८

नगरपालिका  
गौरीखाली, जाजरकोट  
कर्णाली प्रदेश, नेपाल

**विषय:- आयोजनाले आदिवासी/जनजातिलाई असर गर्ने/नगर्ने सम्बन्धमा ।**

**श्री नेपाल विद्युत प्राधिकरण**

**नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना**

**दरवारमार्ग, काठमाण्डौ ।**

प्रस्तुत विषयमा एसियन इन्फ्रास्ट्रक्चर इन्भेष्टमेन्ट बैंक (ए.आई.आई.वि.) को ऋण सहयोगमा नेपाल विद्युत प्राधिकरण तथा ग्राहक सेवा निर्देशनालय, वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना प्रस्तावक रहि कार्यान्वयन गर्न लागेको कूदु, समाईला विद्युत वितरण लाईन आयोजना अन्तर्गत नेपाल सरकारको पूर्ण विद्युतीकरण गर्ने लक्ष्य बमोजिम भेरी नगरपालिकाको ४ नं. वडा हुँदै वितरण लाईन जाने वस्तीहरुमा आदिवासी तथा जनजातिहरु भएता पनि आयोजना कार्यान्वयन गर्दा उनीहरुको परम्परागत रहन सहन धर्म, भाषा, संस्कृति आदिमा कुनै नकारात्मक असर नपर्ने व्यहोरा जानकारी गराइन्छ ।

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०८/१०/१८  
स. न. ज. शाह  
वडा अध्यक्ष

फोन नं. ०८१-४३०३६५



## भेरी नगरपालिका ४ नं वडा कार्यालय

गैरीखाली, जाजरकोट  
कर्णाली प्रदेश, नेपाल

प.सं. ०७८।०७९

च.नं. - ५८०

मिति:- २०७८।१०।१८

विषय:- जानकारी सम्बन्धमा ।

श्री नेपाल विद्युत प्राधिकरण

नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना

दरबारमार्ग, काठमाण्डौ ।

प्रस्तुत विषयमा ताँहास्थित कार्यालयको च.नं. १३८, मिति २०७८।१०।०७ को प्राप्त पत्रानुसार नेपाल प्राधिकरणद्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको गुनासो समाधान संयन्त्र गठन भएको व्यहोरा प्राप्त भएको जानकारी गराइन्छ ।

*(Signature)*  
०८/१०/१८  
वडा अध्यक्ष



## भेरी नगरपालिका ५ नं. वडा कार्यालय

काफलचौर, जाजरकोट  
कर्णाली प्रदेश, नेपाल

पत्र सं :- ०७८/०७९

मिति २०७८/१०/१६

चलानी नं. १६१

विषय : समन्वय गरिदिने सम्बन्धमा ।

श्री नेपाल विद्युत प्राधिकरण

नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना

दरवारमार्ग, काठमाण्डौ ।

प्रस्तुत विषयमा एसियन इन्फ्रास्ट्रक्चर इन्भेष्टमेन्ट बैंक (एस.आई.आइ.वि.) को ऋण सहयोगमा नेपाल विद्युत प्राधिकरण, वितरण तथा ग्राहक सेवा निर्देशनालय, वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना अर्न्तगत कुदु समैला विद्युत वितरण लाईन आयोजनाको वातावरणीय तथा सामाजिक योजनाको प्रतिवेदन तयारीको छलफलमा यस वडा भित्र निर्माण हुने लाईन तथा पोल पर्ने जग्गा धनिहरु अनुपस्थित भएमा यस वडा कार्यालयले समन्वय गर्ने व्यहोरा जानकारी गराईन्छ ।

श्यामलाल जैसी  
वडा अध्यक्ष



## भेरी नगरपालिका ५ नं. वडा कार्यालय

काफलचौर, जाजरकोट  
कर्णाली प्रदेश, नेपाल

पत्र सं : -०७८/०७९

मिति २०७८/१०/१६

चलानी नं. १६३

विषय : सुचना टाँस गरिएको सम्बन्धमा ।

श्री नेपाल विद्युत प्राधिकरण  
नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना  
दरबारमार्ग, काठमाण्डौ ।

उपरोक्त सम्बन्धमा तहाँ स्थित कार्यालयको मिति २०७८/१०/०६ को प्राप्त पत्र अनुसार कर्णाली प्रदेश जाजरकोट जिल्ला भेरी नगरपालिका वडा नं ५ मा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको वातावरणीय तथा सामाजिक व्यवस्थापन योजना प्रतिवेदन तयारी सम्बन्धी सार्वजनिक सुचना यस कर्णाली प्रदेश जाजरकोट जिल्ला भेरी नगरपालिका वडा नं ५ मा अवस्थित यस ५ नं वडा कार्यालयको सुचना पाटिमा २०७८/१०/१४ गते टाँस गरिएको व्यहोरा जानकारी गराइन्छ ।

श्यामलाल जैसी

श्यामलाल जैसी  
वडा अध्यक्ष



भेरी नगरपालिका  
११ नं. वडा कार्यालय  
जगतिपुर, जाजरकोट  
कर्णाली प्रदेश, नेपाल

पत्र संख्या :- ०७८/०७९

मिति : २०७८/१०/१६

च.नं :- ५५०

श्री, नेपाल विद्युत प्राधिकरण  
नेपाल विद्युत प्रणाली स्तरोन्नती तथा विस्तार आयोजना  
दरबारमार्ग, काठमाडौं ।

विषय :- जानकारी सम्बन्धमा ।

प्रस्तुत विषयमा, तहाँ स्थित कार्यालयको च.न. १३८ मिति २०७८/१०/०७ को प्राप्त पत्र अनुसार नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको गुनासो समाधान संयन्त्र गठन भएको व्यहोरा प्राप्त भएको जानकारी गराइन्छ ।

सहायी प्रमुख अधिकारी  
वडा अध्यक्ष



**भेरी नगरपालिका**  
**११ नं. वडा कार्यालय**  
**जगतिपुर, जाजरकोट**  
 कर्णाली प्रदेश, नेपाल

पत्र संख्या :- ०७८/०७९

मिति : २०७८/१०/१६

च.नं. :- ५९

श्री, नेपाल विद्युत प्राधिकरण  
 नेपाल विद्युत प्रणाली स्तरोन्नति तथा विस्तार आयोजना  
 दरबारमार्ग, काठमाडौं ।

विषय :- आयोजनाले आदिवासी - जनजातिलाई असर गर्ने नगर्ने सम्बन्धमा ।

प्रस्तुत विषयमा, यशियन इनप्रास्ट्रक्चर इन्भेस्टमेन्ट बैंक (ए.आई.आई.वि) को ऋण- सहयोगमा नेपाल विद्युत प्राधिकरण, वितरण तथा ग्राहक सेवा निर्देशनालय, वितरण प्रणाली स्तरोन्नति तथा विस्तार आयोजना प्रस्तावक रहि कार्यान्वयन गर्न लागेको कुदु समैला विद्युत वितरण लाईन आयोजना अन्तर्गत नेपाल सरकारको पूर्ण विद्युतिकरण गर्ने लक्ष्य बमोजिम यहाँ नगरपालिकाको भेरी ११ नं. वडा हुँदै वितरण लाईन जाने बस्तिहरूमा आदिवासि जनजातिहरू नभएको तथा दलित जातिहरूको बसोबास रहेकोमा उक्त आयोजनाबाट दलितहरूको परम्परागत रहनसहन धर्म भाषा संस्कृति आदिमा कुनै नकारात्मक असर नपर्ने व्यहोरा जानकारी गराईन्छ ।

वडा अध्यक्ष



भेरी नगरपालिका  
११ नं. वडा कार्यालय  
जगतिपुर, जाजरकोट  
कर्णाली प्रदेश, नेपाल

पत्र संख्या :- ०७८/०७९

मिति : २०७८/१०/१६

च.नं :- ५८५

श्री, नेपाल विद्युत प्राधिकरण  
नेपाल विद्युत प्रणाली स्तरोन्नती तथा विस्तार आयोजना  
दरबारमार्ग, काठमाडौं ।

विषय :- समन्वय गरिदिने सम्बन्धमा ।

प्रस्तुत विषयमा, यशियन इन्फ्रास्ट्रक्चर इन्भेस्टमेन्ट बैंक (ए.आई.आई.बि) को ऋण- सहयोगमा नेपाल विद्युत प्राधिकरण, वितरण तथा ग्राहक सेवा निर्देशनालय, वितरण प्रणाली स्तरोन्नति तथा विस्तार आयोजना अन्तर्गत कूदु समैला विद्युत वितरण लाईन आयोजनाको वातावरणिय तथा सामाजिक योजनाको प्रतिवेदन तयारीको छलफलमा यस वडा भित्र निर्माण हुने लाईन तथा पोल पर्ने जग्गा धनिहरु अनुपस्थित भएमा यस वडा कार्यालयले समन्वय गर्ने व्यहोरा जानकारी गराईन्छ ।

नगर प्रमुख  
वडा अध्यक्ष



भेरी नगरपालिका  
११ नं. वडा कार्यालय  
जगतिपुर, जाजरकोट  
कर्णाली प्रदेश, नेपाल

पत्र संख्या :- ०७८/०७९

मिति : २०७८/१०/१६

च.नं. :- ५८५

श्री, नेपाल विद्युत प्राधिकरण  
नेपाल विद्युत प्रणाली स्तरोन्नती तथा विस्तार आयोजना  
दरबारमार्ग, काठमाडौं ।

विषय :- सूचना टाँस गरिएको सम्बन्धमा ।

प्रस्तुत विषयमा, तहाँ स्थित कार्यालयको मिति २०७८/१०/०६ को प्राप्त पत्र अनुसार कर्णाली प्रदेश जाजरकोट जिल्ला भेरी नगरपालिका वडा नं. ११ मा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको बातावरणिय तथा सामाजिक व्यवस्थापन योजना प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सूचना यस कर्णाली प्रदेश जाजरकोट जिल्ला भेरी नगरपालिका वडा नं. ११ मा अवस्थित यस ११ नं. वडा कार्यालयको सूचना पाटिमा २०७८/१०/१६ गते टाँस गरिएको व्यहोरा जानकारी गराइन्छ ।

सहायी प्रमुख अति  
वडा अध्यक्ष



भेरी नगरपालिका  
१२ नं. वडा कार्यालय  
थर्पुडाडाँ, जाजरकोट  
कर्णाली प्रदेश, नेपाल


पत्र संख्या. ०७८/०७९  
चलानी नं. ४८८

मिति : २०७८/१०/१४

श्री : नेपाल विद्युत प्राधिकरण नेपाल वितरण  
प्रणाली स्तरोन्नती तथा विस्तार आयोजना  
दरबारमार्ग, काठमाण्डौ ।

विषय : सुचना टाँस गरिएको सम्बन्धमा ।

उपरोक्त सम्बन्धमा त्यहा स्थित कार्यालयको मिति २०७८/१०/०६ को प्राप्त पत्र अनुसार कर्णाली प्रदेश जाजरकोट जिल्ला भेरीनगरपालिका वडा नं. १२ मा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको बातावरणीय तथा सामाजिक व्यवस्थापन योजना प्रतिवेदनतयारी सम्बन्धि सार्वजनिक सुचना यस कर्णाली प्रदेश जाजरकोट जिल्ला भेरीनगरपालिका वडा नं. १२ मा अवस्थित यस १२ नं वडा कार्यालयको सुचना पाटिमा २०७८/१०/१४ गते टाँस गरिएको व्यहोरा जानकारी गराईन्छ ।

  
निम बहादुर भनारी  
वडा अध्यक्ष



भेरी नगरपालिका  
१२ नं. वडा कार्यालय  
थर्पुडाडाँ, जाजरकोट  
कर्णाली प्रदेश, नेपाल

पत्र संख्या: ०७८/०७९  
चलानी नं. ४८०

मिति : २०७८/१०/१४

श्री : नेपाल विद्युत प्राधिकरण नेपाल वितरण  
प्रणाली स्तरोन्नति तथा विस्तार आयोजना  
दरवारमार्ग, काठमाण्डौ ।

विषय : समन्वय गरिदिने सम्बन्धमा

उपरोक्त विषयमा एसियन इन्फ्रास्ट्रक्चर इन्भेस्टमेन्ट बैंक (ए.आई.आई.बि.) को ऋण-सहयोगमा नेपाल विद्युत प्राधिकरण, वितरण तथा ग्राहक सेवा निर्देशनालय, वितरण प्रणाली स्तरोन्नति तथा विस्तार आयोजना अन्तर्गत कुदु समैला विद्युत वितरण लाईन आयोजनाको वातावरणिय तथा सामाजिक योजनाको प्रतिवेदन तयारीको छलफलमा यस वडा भित्र निर्माण हुने लाईन तथा पोल पर्ने जग्गा धनिहरु अनुपस्थित भएमा यस वडा कार्यालयले समन्वय गर्ने व्यहोरा जानकारी गराईन्छ ।

निम बहादुर भनारी

वडा अध्यक्ष

मिनि बहादुर भनारी  
वडा अध्यक्ष



भेरी नगरपालिका  
१२ नं. वडा कार्यालय  
थर्पुडाडाँ, जाजरकोट  
कर्णाली प्रदेश, नेपाल

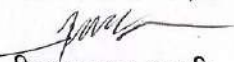
पत्र संख्या: ०७८/०७९  
चलानी नं. ४६४

मिति : २०७८/१०/१४

श्री : नेपाल विद्युत प्राधिकरण नेपाल वितरण  
प्रणाली स्तरोन्नती तथा विस्तार आयोजना  
दरबारमार्ग, काठमाण्डौ ।

विषय : जानकारी सम्बन्धमा ।

उपरोक्त सम्बन्धमा त्यहा स्थित कार्यालयको च नं १३८ मिति २०७८/१०/०७ को प्राप्त पत्र अनुसार नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको गुनासो समधान संयन्त्र गठन भएको व्यहोरा प्राप्त भएको जानकारी गराईन्छ ।

  
निर्मल बहादुर भट्टारी  
वडा अध्यक्ष

निर्मल बहादुर भट्टारी  
वडा अध्यक्ष



भेरी नगरपालिका  
१२ नं. वडा कार्यालय  
थर्पुडाडाँ, जाजरकोट  
कर्णाली प्रदेश, नेपाल


पत्र संख्या. ०७८/०७९  
चलानी नं. ४६६

मिति : २०७८/१०/१४

श्री : नेपाल विद्युत प्राधिकरण नेपाल वितरण  
प्रणाली स्तरोन्नति तथा विस्तार आयोजना  
दरवारमार्ग, काठमाण्डौ ।

विषय : आयोजनाले आदिवासी - जनजातिलाई  
असर गर्ने नगर्ने सम्बन्धमा

उपरोक्त विषयमा एसियन इन्फ्रास्ट्रक्चर इन्भेस्टमेन्ट बैंक (ए.आई.आई.बि.) को ऋण-सहयोगमा नेपाल विद्युत प्राधिकरण, वितरण तथा ग्राहक सेवा निर्देशनालय, वितरण प्रणाली स्तरोन्नति तथा विस्तार आयोजना प्रस्तावक रहि कार्यान्वयन गर्न लागेको कुदु समैला विद्युत वितरण लाईन आयोजना अर्न्तगत नेपाल सरकारको पुर्ण विद्युतीकरण गर्ने लक्ष्य बमोजिम यहाँ नगरपालिकाको भेरी १२ वडा नं हुदै वितरण लाईन जाने बस्तिहरुमा आदिवासि जनजातिहरु नभएको तथा दलित जातिहरुको बसोबास रहेकोमा उक्त आयोजनाबाट दलितहरुको परम्परागत रहनसहन धर्म भाषा संस्कृति आदिमा कुनै नकारात्मक असर नपर्ने व्यहोरा जानकारी गराईन्छ ।

  
निर्मल बहादुर भट्टारी  
वडा अध्यक्ष

निर्मल बहादुर भट्टारी  
वडा अध्यक्ष



# भेरी नगरपालिका १३ नं. वडा कार्यालय

कुदु जाजरकोट  
कर्णाली प्रदेश, नेपाल

प्र. सं २०७८/०७९  
चलानी नं. १०२१

मिति २०७८/१०/१७

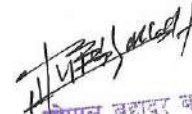
विषय: आयोजनाले आदिवासी-जनजातिलाई असर गर्ने नगर्ने सम्बन्धमा।

श्री नेपाल विद्युत प्राधिकरण

नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना

दरवारमार्ग, काठमाण्डौ

उपरोक्त विषयमा एसियन इन्फ्रास्ट्रक्चर इन्भेष्टमेन्ट बैंक (ए.आई.आई.वि.)को ऋण-सहयोगमा नेपाल विद्युत प्राधिकरण, वितरण तथा ग्राहक सेवा निर्देशनालय, वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना प्रस्तावक रहि कार्यन्वयन गर्न लागेको कुदु समैला विद्युत वितरण लाईन आयोजना अर्न्तगत नेपाल सरकारको पुर्ण विद्युतीकरण गर्ने लक्ष्य बमोजिम यहाँ नगरपालिकाको भेरी १३ नं. वडा हुदै वितरण लाईन जाने बस्तिहरुमा आदिवासी जनजातिहरु नभएको तथा दलित जातिहरुको बसोवास रहेकोमा उक्त आयोजनाबाट दलितहरुको परम्परागत रहनसहन धर्म भाषा संस्कृति आदिमा कुनै नकारात्मक असर नपर्ने व्यहोरा जानकारी गराइन्छ।

  
शोफल बहादुर बटाला  
वडा अध्यक्ष



# भेरी नगरपालिका १३ नं. वडा कार्यालय

कुदु, जाजरकोट  
कर्णाली प्रदेश, नेपाल

प्र. सं २०७८/०७९  
चलानी नं. १०८८

मिति २०७८/१०/१७


विषय: सुचना टाँस गरिएको सम्बन्धमा ।

श्री नेपाल विद्युत प्राधिकरण

नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना

दरबारमार्ग, काठमाण्डौ

उपरोक्त सम्बन्धमा तहाँ स्थित कार्यालयको मिति २०७८/१०/१६को प्राप्त पत्र अनुसार कर्णाली प्रदेश जाजरकोट जिल्ला भेरी नगरपालिका वडा नं.१३ मा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको वातावरणीय तथा सामाजिक ब्यवस्थापन योजना प्रतिवेदन तयारी सम्बन्धी सार्वजनिक सुचना यस कर्णाली प्रदेश जाजरकोट जिल्ला भेरी नगरपालिका वडा नं.१३ मा अवस्थित यस १३ नं.वडा कार्यालयको सुचना पाटिमा २०७८/१०/१६ गते सुचना टाँस गरिएको ब्यहोरा जानकारी गराईन्छ ।

  
श्री पूर्ण बहादुर बट्टाला  
वडा अध्यक्ष



# भेरी नगरपालिका १३ नं. वडा कार्यालय

कुदु जाजरकोट  
कर्णाली प्रदेश, नेपाल


प्र. सं २०७८/०७९  
चलानी नं. १०३०

मिति २०७८/१०/१७

विषय: जानकारी सम्बन्धमा ।

श्री नेपाल विद्युत प्राधिकरण  
नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना  
दरबारमार्ग, काठमाण्डौ

उपरोक्त सम्बन्धमा तहाँ स्थित कार्यालयको च.न.१३८ मिति २०७८/१०/०७ को प्राप्त पत्र अनुसार नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित विवरण प्रणाली स्तरोन्नती तथा विस्तार आयोजनाको गुनासो समधान संयन्त्र गठन भएको व्यहोरा प्राप्त भएको जानकारी गराइन्छ ।

  
गोपाल बहादुर बटाला  
वडा अध्यक्ष



# भेरी नगरपालिका १३ नं. वडा कार्यालय

वडा कार्यालय  
जुम्ले, जाजरकोट  
कर्णाली प्रदेश, नेपाल

प्र. सं २०७८/०७९  
चलानी नं. १०२२.

मिति २०७८/१०/१७

विषय: समन्वय गरिदिने सम्बन्धमा ।

श्री नेपाल विद्युत प्राधिकरण

नेपाल वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना

दरबारमार्ग, काठमाण्डौ

प्रस्तुत विषयमा एसियन इन्फ्रास्ट्रक्चर इन्भेष्टमेन्ट बैंक (ए.आई.आई.वि) को ऋण सहयोगमा नेपाल विद्युत प्राधिकरण, वितरण तथा ग्राहक सेवा निर्देशनालय, वितरण प्रणाली स्तरोन्नती तथा विस्तार आयोजना अर्न्तगत कूदु समैला विद्युत वितरण लाईन आयोजनामा वातावरणीय तथा सामाजिक योजनाको प्रतिवेदन तयारीको छलफलमा यस वडा भित्र निर्माण हुने लाइन तथा पोल पर्ने अनुपस्थित जग्गा धनिहरु संग यस वडा कार्यालयले समन्वय गर्ने ब्यहोरा जानकारी गराइन्छ ।

गोपाल बहादुर बटाला  
वडा अध्यक्ष



**कुशे गा.पा. वडा नं. ५ का कार्यालय**  
गोराहचौर जाजरकोट  
कर्णाली प्रदेश नेपाल

पत्र संख्या: २०७८/०७९

चलानी नम्बर : ३८२

मिति: २०७८/१०/२४

**श्री नेपाल बिद्युत प्राधिकरण**  
नेपाल बितरण प्रणाली स्तरोन्नति तथा बिस्तार आयोजना  
दरबार मार्ग काठमाण्डौ

**विषय : सिफारिस गरिएको सम्बन्धमा ।**

उपरोक्त सम्बन्धमा ताहाँ स्थित कार्यालयको मिति: २०७८/१०/२३ को प्राप्त पत्र अनुसार कर्णाली प्रदेश जाजरकोट जिल्ला कुशे गा पा वडा नं ५ मा नेपाल बिद्युत प्राधिकरण द्वारा प्रस्तावित बितरण प्रणाली स्तरउन्नति तथा बिस्तार आयोजना वातावरणिय तथ सामाजिक व्यावस्थापन योजना प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सुचना यस कर्णाली प्रदेश जाजरकोट जिल्ला कुशे गा पा वडा नं ५ अवस्थित यस ५ नम्बर वडा कार्यालयको सुचना पाटीमा मिति: २०७८/१०/२४ गते सुचना टाँस गरिएको व्याहोरा जानकारी गराइन्छ

  
**ऐन बहादुर सिंह**  
श्री ए. व. वडा सचिव  
वडा सचिव



पत्र संख्या : - ०७८/०७९

चलानी ३८४

श्री नेपाल बिधुत प्राधिकरण

नेपाल बितरण प्रणाली स्त रौन्नती तथा बिस्तार आयोजना

दरबारमार्ग काठमाडौं

मिति-२०७८/१०/२४

बिषय- समन्वय गरीदिने सम्बन्ध मा /

प्रस्तुत बिषयमा एसियन इन्फास्ट्रक्चर इन्भेस्टमेन्ट बैंक (ए.आई.आई.बि.)को ऋण सहयोगमा नेपाल बिधुत प्राधिकरण बितरण तथा ग्राहक निर्देशनालय, बितरण प्रणाली स्त रौन्नति तथा बिस्तार आयोजना अन्तर्गत कुदु समैला बिधुत बितरण लाईन आयोजना को वातावरणीय तथा सामाजिक योजना प्रतिबेदन तयारी छलफल मा यस वडा भित्र निर्माण हुने तथा पोल पर्ने अनुपस्थित जग्गा धनिहरु संग यस वडा कार्यालय ले समन्वय गर्ने व्यहोरा जानकारी गराईन्छ /

श्री ऐन बहादुर सिंह  
वडा सचिव



**कुशे उपमहानगरपालिका**  
**५ नं. वडा कार्यालय**  
**गोराहोचौर जाजरकोट**  
**कर्णाली प्रदेश नेपाल**

पत्र संख्या: २०७८/०७९


चलानी नम्बर: २८९

मिति: २०७८/१०/२४

**श्री नेपाल बिद्युत प्राधिकरण**  
**नेपाल बितरण प्रणाली स्तरोन्नति तथा बिस्तार आयोजना**  
**दरवार मार्ग काठमाण्डौ**

**विषय : जानकारी सम्बन्धमा ।**

उपरोक्त सम्बन्धमा ताहाँ स्थित कार्यालयको च नं १३८ मिति २०७८/१०/०७ को प्राप्त पत्र नेपाल बिद्युत प्राधिकरण द्वारा प्रस्तावित बितरण प्रणाली स्तरउन्नति तथा बिस्तार आयोजनाका गुनासो समाधान संयन्त्र गठन भएको व्यावरा प्राप्त भएको जानकारी गराइन्छ ।

  
**ऐन बहादुर सिंह**  
**श्री ऐन बहादुर सिंह**  
**वडा सचिव**



कुशे गाउँपालिका  
५ नं वडा कार्यालय  
गोराहथौर जाजरकोट  
कर्णाली प्रदेश नेपाल

पत्र संख्या: २०७८/०७९

चलानी नम्बर : ३८३

मिति: २०७८/१०/२४

श्री नेपाल बिद्युत प्राधिकरण  
नेपाल बितरण प्रणाली स्तरोन्नति तथा बिस्तार आयोजना  
दरवार मार्ग काठमाण्डौ

विषय : आयोजना आदिवासि जनजाति असर गर्ने नगर्ने सम्बन्धमा ।

उपरोक्त विषयमा एसियन इन्फ्रास्ट्रक्चर इन्भेष्टमेन्ट बैंक ए आई आई वि को ऋण सहायोगमा नेपाल बिद्युत प्राधिकरण, बितरण तथा ग्राहक सेवा निर्देशनालय बितरण प्रणाली स्तरउन्नति तथा बितरण आयोजना प्रस्तावक रहि कार्यन्वयन गर्न लागेको हुदा कुदु समाइला बितरण लाइन आयोजना अन्तर्गत नेपाल सरकारको पुर्ण बिद्युतिकरण गर्न लक्ष्य बमोजिम यहाँ गाउँपालिकाको कुशे ५ नं वडा हुदै बितरण लाइन जाने बस्तिहरुमा आदिवासी जनजातिहरु नभएको तथा दलित जातिहरुको बसोबास रहेकोमा उक्त आयोजना वाट दलितहरुको परम्परागत रहनसहन धर्मा भाषा संस्कृति आदिमा कुनै नकारात्मक असर नपर्ने व्याहोरा जानकारी गराइन्छ।

श्री एम वहादुर सिंह  
वडा सचिव

बितरण प्रणाली स्तरउन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरुको  
वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी  
सार्वजनिक सूचना टाँस को मुचुल्का

कौली प्रदेश, जाजरकोट जिल्ला, कौली गापा/नपा  
५ वडामा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित "बितरण प्रणाली स्तरउन्नति  
तथा विस्तार आयोजना" को वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी सार्वजनिक सूचना यस जाजरकोट जिल्ला  
कौली गाउँ/नगर पालिका वार्ड नं ५, खुप्री मा  
आज २०७८.११.०१ गते हामी तपसिलका व्यक्तिहरुको रोहवरमा टाँस गरिएको प्रमाणित गर्दै यो मुचुल्का  
गरिदियौं।

तपसिल

क्र.स.	नाम	ठेगाना	पेशा	सम्पर्क नम्बर	हस्ताक्षर
१	दशरथ वी. सि. क.		कृषि	९८६८०४०९९	
२	लक्ष्मण वी. क.			९८६८०४०९९	
३	शिवशिव बस्नात	जोगि-चु डोला		९८६८०४०९९	
४	जदेहा वी. क.				
५	शक्त वी. थापा	कौली ५ खुप्री		९८४०९९०९०	
६	दिनेश वी. सि. क.	खुप्री		९८६८०४०९९	
७	मान वी. सि. क. (प्रार्थी)			९८६८०४०९९	

बितरण प्रणाली स्तरउन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरुको  
वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी  
सार्वजनिक सूचना टाँस को मुचुल्का

कोशी प्रदेश, ताप्लेजुङ जिल्ला, कोरी गापा/नपा  
२ वडामा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित "बितरण प्रणाली स्तरउन्नति  
तथा विस्तार आयोजना" को वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environment and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सूचना यस ताप्लेजुङ जिल्ला  
कोरी गाउँ/नगर पालिका वार्ड नं २, साङ्खुवाहा मा  
आज २०७८/१०/१५ गते हामी तपसिलका व्यक्तिहरुको रोहवरमा टाँस गरिएको प्रमाणित गर्दै यो मुचुल्का  
गरिवरिौ।

तपसिल

क्र.स.	नाम	ठेगाना	पेशा	सम्पर्क नम्बर	हस्ताक्षर
१.	प्रिम बहादुर कार्की	भ. न. प. ०१	बाणर	९८४०४३९९६	<i>[Signature]</i>
२.	मल्लिक बहादुर	सैकाय भ. न. प. २	कृषि	९८४०४२००२	<i>[Signature]</i>
३.	सुवर्णवहादुर	चन्द्र	॥ —	०२११११	९८४०४८९८८

बितरण प्रणाली स्तरउन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरूको  
वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी  
सार्वजनिक सूचना टाँस को मुचुल्का

कोशी प्रदेश, जाजरकोट जिल्ला, जैदी गापा/नपा  
२ वडामा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित "बितरण प्रणाली स्तरउन्नति  
तथा विस्तार आयोजना" को वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environment and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सूचना यस जाजरकोट जिल्ला  
जैदी गाउँ/नगर पालिका वार्ड नं २, जैदी मा  
आज २०७८.११.२५ गते हामी तपसिलका व्यक्तिहरूको रोहवरमा टाँस गरिएको प्रमाणित गर्दै यो मुचुल्का  
गरिदियौं।

तपसिल

क्र.स.	नाम	ठेगाना	पेशा	सम्पर्क नम्बर	हस्ताक्षर
१.	रतन फुल	जैदी नं. ५१	जैदी	९६४४८९६०	
२.	गर्ग खड्गुर फुल	"	"	९८६०११४५	
३.	हिर्मल फुल	"	"	९६४४८९६०	
४.	दधी फुल	"	"	९८५१५६९६२६	
५.	सरस्वती फुल	"	"	सरस्वती	

बितरण प्रणाली स्तरउन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरुको  
वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी  
सार्वजनिक सूचना टाँस को मुचुल्का

कोशी प्रदेश, जाजरकोट जिल्ला, कुशी गापा/नपा  
वडामा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित "बितरण प्रणाली स्तरउन्नति  
तथा विस्तार आयोजना" को वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environment and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सूचना यस जाजरकोट जिल्ला  
कुशी गाउँ/नगर पालिका वार्ड नं २, पाँचकटिया मा  
आज २०७८.११.२४ गते हामी तपसिलका व्यक्तिहरुको रोहवरमा टाँस गरिएको प्रमाणित गर्दै यो मुचुल्का  
गरिदियो।

तपसिल

क्र.स.	नाम	ठेगाना	पेशा	सम्पर्क नम्बर	हस्ताक्षर
१)	पुर्ण वहादुर खत्री	पाँचकटिया, कुशी-५	व्यवसायी	९८४८९०६५५८	पुर्ण वहादुर
२)	सुदामा खत्री	कुशी-५	पाँचकटिया	९८६८९४६६६६	सुदामा
३)	सुदामा खत्री	कुशी-५	पाँचकटिया	९८६८९४६६६६	सुदामा
४)	सुदामा खत्री	कुशी-५	पाँचकटिया	९८६८९४६६६६	सुदामा
५)	सुदामा खत्री	कुशी-५	पाँचकटिया	९८६८९४६६६६	सुदामा
६)	सुदामा खत्री	कुशी-५	पाँचकटिया	९८६८९४६६६६	सुदामा
७)	सुदामा खत्री	कुशी-५	पाँचकटिया	९८६८९४६६६६	सुदामा

बितरण प्रणाली स्तरउन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरुको  
वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी  
सार्वजनिक सूचना टाँस को मुचुल्का

कोशी प्रदेश, जाजरकोट जिल्ला, कुर्से गापा/नपा  
वडा नं. २ नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित "बितरण प्रणाली स्तरउन्नति  
तथा विस्तार आयोजना" को वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environment and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सूचना यस जाजरकोट जिल्ला  
कुर्से गाउँ/नगर पालिका वार्ड नं. २, दमकला मा  
आज २०७८.१.१०.१९.४ गते हामी तपसिलका व्यक्तिहरुको रोहवरमा टाँस गरिएको प्रमाणित गर्दै यो मुचुल्का  
गरिदियो।

तपसिल

क्र.स.	नाम	ठेगाना	पेशा	सम्पर्क नम्बर	हस्ताक्षर
१	भक्त लज शर्मा	कुर्से, दमकला	प्रमाणिकी	९८४२२५३४४५	
२	प्रेम केसी	१,	डिप्लोम	९८६८९४४८८२	
३	शिव बहादुर मल्ल	१,	फिफिअर्थ	९८४९५५८८०९	
४	जगेश खत्री	२-	डाक्टर	९८४२२९८०९५	
५	मोती राम नेपाली	९७५५५३४६१८			
६	भागराम नेपाली	९७५५५३४६५५			
६	प्रेम बस्नेत नेपाली	९८६९७१८९३१			
८					

बितरण प्रणाली स्तरउन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरुको  
वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी  
सार्वजनिक सूचना टाँस को मुचुल्का

कर्णाली प्रदेश, ताप्लेजुङ जिल्ला, कुश्ती गापा/नपा  
०५ वडामा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित "बितरण प्रणाली स्तरउन्नति  
तथा विस्तार आयोजना" को वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सूचना यस ताप्लेजुङ जिल्ला  
कुश्ती गाउँनगर पालिका वार्ड नं ५, हिम बजारमा मा  
आज २०७८.१०.१३ गते हामी तपसिलका व्यक्तिहरुको रोहवरमा टाँस गरिएको प्रमाणित गर्दै यो मुचुल्का  
गरिदियो।

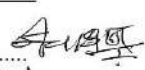




तपसिल

क्र.स. नाम	ठेगाना	पेशा	सम्पर्क नम्बर	हस्ताक्षर
१. प्रेम बहादुर शाही	कुश्ती-५ हिम			
२. राम बहादुर खड्का	कुश्ती-५ हिम		९५६६२१५९६२	
३. प्रबल बहादुर खि.डी	कुश्ती-५ हिम		९८५८२९९३१८	
४. हर बहादुर मल्ल	कुश्ती-५ हिम		९६६५६९६६९९	

**बितरण प्रणाली स्तरउन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरूको  
वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी  
सार्वजनिक सूचना टाँस को मुचुल्का**

.....कर्णाली..... प्रदेश, .....ज.प्र.द.दे.ह...... जिल्ला, .....कुर्ते..... गापा/नपा  
.....वडामा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित "बितरण प्रणाली स्तरउन्नति  
तथा विस्तार आयोजना" को वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environment and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सूचना यस ज.प्र.द.दे.ह. जिल्ला  
कुर्ते गाउँ/नगर पालिका वार्ड नं. ४, ज.प्र.द.दे.ह. मा  
आज २०७८.१.१०.११ गते हामी तपसिलका व्यक्तिहरूको रोहवरमा टाँस गरिएको प्रमाणित गर्दै यो मुचुल्का  
गरिदियौं।

तपसिल

क्र.स.	नाम	ठेगाना	पेशा	सम्पर्क नम्बर	हस्ताक्षर
१.	जय कृष्ण बुढा थापा	कुर्ते-५ ज.प्र.द.दे.ह.	शुद्धि	—	
२.	लोकेन्द्र राम थापा	१)	क्षिपक	९७५२२३५०५२ ९७५५२३५	
३.	सुमित्रा बुढा	कुर्ते-५	विद्यार्थी	९८६६८४९०००	
४.	कृष्ण व. सिंह	१)		९८६६४१९९४	
५.	कल्पना शाही	२-५	व्यवसायिक		

बितरण प्रणाली स्तरउन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरुको  
वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी  
सार्वजनिक सूचना टाँस को मुचुल्का

प्रदेश, जुम्ले जिल्ला, कुसी गापा/नपा  
वडामा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित "बितरण प्रणाली स्तरउन्नति  
तथा विस्तार आयोजना" को वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environment and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सूचना यस जुम्ले जिल्ला  
गाउँ/नगर पालिका वार्ड नं ६, सुनसरी मा  
आज २०७८.१२.२१ गते हामी तपसिलका व्यक्तिहरुको रोहवरमा टाँस गरिएको प्रमाणित गर्दै यो मुचुल्का  
गरिदियौं।

तपसिल

क्र.स.	नाम	ठेगाना	पेशा	सम्पर्क नम्बर	हस्ताक्षर
१.	सुबेन्द्र शर्मा	कुसी - ६	कृषि (स्थानीय)	९२१९१२१६	
२.	सिद्धिमान विष्ट	"	"	"	
३.	हस्त बहादुर खत्री	"	"	"	
४.	विनोद विष्ट	"	"	"	
५.	प्रतिष्ठा नेपाली	"	"	९२१७१५२३२	

बितरण प्रणाली स्तरउन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरुको  
वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी  
सार्वजनिक सूचना टाँस को मुचुल्का

.....कर्णाली..... प्रदेश, .....गण्डकी..... जिल्ला, .....तेह्रथुम..... गापा/नगर  
.....५..... वडामा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित "बितरण प्रणाली स्तरउन्नति  
तथा विस्तार आयोजना" को वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सूचना यस गण्डकी जिल्ला  
तेह्रथुम गाउँ/नगर पालिका वार्ड नं ५, इन्द्रगढि खोला (बान्द्रो) मा  
आज २०७८..... गते हामी तपसिलका व्यक्तिहरुको रोहवरमा टाँस गरिएको प्रमाणित गर्दै यो मुचुल्का  
गरिदियो।

तपसिल

क्र.स.	नाम	ठेगाना	पेशा	सम्पर्क नम्बर	हस्ताक्षर
१.	अजय पौडेल	तेह्रथुम-५	ब्यान्किंग	९८६१२९३९८४	अजय
२.	तेजप्रताप शर्मा	" ११	"	९८५६३६८८९९	तेजप्रताप
३.	सुर्ज्योत्तम महता	तेह्रथुम-११	"	९८५६४०५५९८	सुर्ज्योत्तम
४.	कृष्ण चर्ते मगर	" ५	"	९८५६३६८५५५	कृष्ण

**बितरण प्रणाली स्तरउन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरुको  
वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी  
सार्वजनिक सूचना टाँस को मुचुल्का**

.....कोशी..... प्रदेश, मोरङ जिल्ला, चौरी गापा/नपा  
.....११..... वडामा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित "बितरण प्रणाली स्तरउन्नति  
तथा विस्तार आयोजना" को वातावरणीय तथा सामाजिक व्यवस्थापन योजना (Environment and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सूचना यस मोरङ जिल्ला  
चौरी गाउँ/नगर पालिका वार्ड नं ११, चुरुराडा मा  
आज २०७८.१.१०.१९ गते हामी तपसिलका व्यक्तिहरुको रोहवरमा टाँस गरिएको प्रमाणित गर्दै यो मुचुल्का  
गरिव्यौ।

तपसिल

क्र.स.	नाम	ठेगाना	पेशा	सम्पर्क नम्बर	हस्ताक्षर
१	मि. व. विक	मोरङ-५१-११	स्थानीय	९८६६९६९४३३	
२	हिमालय ड्याम	" "	स्थानीय	९८६९०५३८९	
३	सुबोध, मा-सा-२	" "	"	९८६९८६९६९६	
४	शक्ति प्र. फा-सा-१	" "	"	९८६९२६९६९६	

बितरण प्रणाली स्तरउन्नति तथा विस्तार आयोजना अन्तर्गतका उपआयोजनाहरुको  
वातावरणीय तथा सामाजिक ब्यबस्थापन योजना (Environmental and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धी  
सार्वजनिक सूचना टाँस को मुचुल्का

कठाली प्रदेश, झापा जिल्ला, भैरी नगरपालिका गापा/नपा  
१२ वडामा नेपाल विद्युत प्राधिकरण द्वारा प्रस्तावित "बितरण प्रणाली स्तरउन्नति  
तथा विस्तार आयोजना" को वातावरणीय तथा सामाजिक ब्यबस्थापन योजना (Environment and Social  
Management Plan) प्रतिवेदन तयारी सम्बन्धि सार्वजनिक सूचना यस झापा जिल्ला  
भैरी गाउँ/नगर पालिका वार्ड नं. १२ थपुडा (७/८) मा  
आज २०७८.१०.१४ गते हामी तपसिलका व्यक्तिहरुको रोहवरमा टाँस गरिएको प्रमाणित गर्दै यो मुचुल्का  
गरिव्यौ ।

तपसिल

क्र.स.	नाम	ठेगाना	पेशा	सम्पर्क नम्बर	हस्ताक्षर
	रिवम व. शर्मा	भैरी न.पा. १२	इकमी	९८४४६२८९४	रिवम
	सयौ व. राता	"	कृषि	९८४४६२८९४	सयौ व. राता
	कमला वि. क.	"	कृषि	९८४४६२८९४	कमला
	पुर्ण क. मी	"	कृषि	९८४४६२८९४	पुर्ण

**Annex 7: SAFETY RELATED SIGNS AND WASTE MANAGEMENT PRACTICES****SIGNAL NOTICE**

First Aid  
प्राथमिक उपचार



Emergency Meeting Point  
आकस्मिक भेला हुने ठाउँ



Fire Extinguisher  
अग्नी नियन्त्रण उपकरण



Fire hose  
अग्नी नियन्त्रण पाइप

**DANGER SIGNS**

Keep Out  
निर्माण क्षेत्र- टाढै रहनुहोस्



Danger  
खतरा - खुला खान्दा



Danger of open trench  
खतरा - खुला ट्रेन्च



No operation without safety guards  
सुरक्षाका साधनविना यो उपकरण सञ्चालन गर्ने  
नियेष

**INSTRUCTION SIGNS**

Do Not Touch  
छुन नहोस्



Food and Drinks Permitted  
खाद्य र पेय नपाइने



Slow Sign for Traffic Control  
नियन्त्रणका लागि



Directional Exit Sign  
बाहिर जाने दिशा

**SAFETY AND SAFETY INSTRUCTION SIGNS**

Safety Gloves Required  
सुरक्षा चपलाको आवश्यक



Safety Vests Required  
सुरक्षा वेस्टको आवश्यक



Safety Glasses Required  
सुरक्षा चपला आवश्यक



Safety Shoes Required  
सुरक्षा जूता आवश्यक



## Annex 8: PHOTOGRAPHS



**Tapping point (Kudu substation)**



**Line alignment in Timure Dada Community Forest and sampling site**



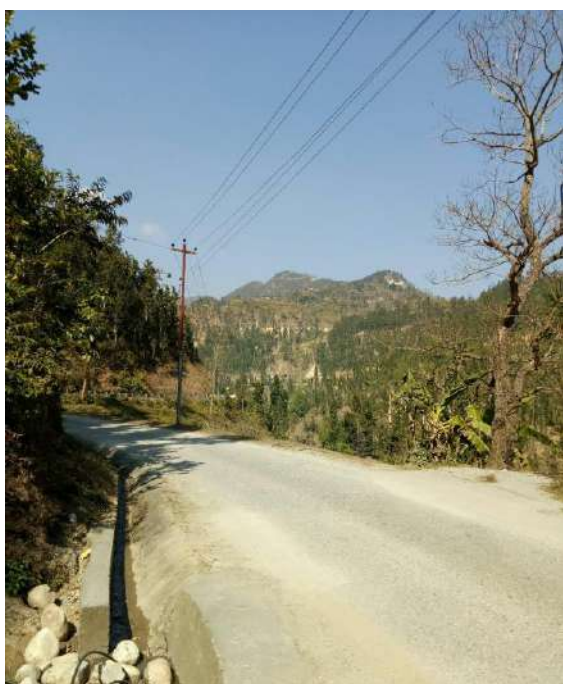
**Stream crossing near Khurpa, Kushe Rural Municipality, Ward No. 05**



stream crossing about 150 m with the ridge



Proposed distribution line alignment in Jagatipur Community Forest near Ebargad Khola



Distribution line alignment along with composite with existing 11 kV line



Landslide in proposed distribution line alignment near khalanga



**Public consultation at Thinkethala, Kushe Rural Municipality, Ward No. 7**



**Consultation with Local Bodies with Public at Kudu, Bheri Municipality, Ward No. 13**

## 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/municipality .....end to..... (ward/municipality),
Total length of distribution line:.....km/m

Environmental and Social Screening Criteria	Project Requirement
<b>Environmental Impact Assessment Requirement</b> EIA/IEE. As per national requirement (as per Environmental Protection Act 2019) does the subproject require assessment of BES/IEE or EIA, Please tick the requirement.	
1.	If “Yes”, the subproject needs to prepare ESMP as per AIB requirement.
<b>Natural Habitat</b> Defined as the type of natural environment in which a particular species of organism lives. It is characterized by both physical and biological features and that human activity has not essentially changed the main ecological functions of the area	
4. Is the subproject located in a legally protected area based on Forestry Map?	If “Yes”, please indicate what type of permission it will requires
5. Does distribution line route/poles close to any touristic view points, wetlands, and sites of cultural / religious / archeological / historic significance?	If “Yes” please indicate what impact it will entail.
6. Will the subproject significantly make impact of degradation or change of the 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?	If “Yes”, please indicate what impact it will entails including cutting down trees etc.
7. Does the distribution line/ route and locations of poles are falling in any landslide & erosion prone/ risk spot where geological avoidance is not feasible	If “Yes” please indicate what impact it will entail.
<b>Indigenous Peoples (IPs)</b> 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; (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; (viii) represented as “Indigenous Peoples” or as “ethnic minorities” in any formal decision-making bodies at the national or local levels.	
<p>7. Is the subproject area affected community:</p> <p>(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)?</p> <p>(ii) Identify as being part of a distinct social and cultural group?</p> <p>(iii) Self-identify as being part of a distinct social and cultural group?</p> <p>(iv) Maintain collective attachments to distinct habitats or ancestral territories and/or to the natural resources in these habitats and territories</p> <p>(v) Maintain cultural, economic, social, and political institutions distinct from the dominant society and culture?</p> <p>(vi) Speak a distinct language or dialect?</p> <p>(vii) Have been historically, socially, and economically marginalized, disempowered, excluded, and/or discriminated against?</p> <p>(viii) Represented as “Indigenous Peoples” or as “ethnic minorities” in any formal decision-making bodies at the national or local levels?</p>	<p>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</p>
8. Is there any adverse impact on any groups identified (by answering “Yes”) on the point 5?	If “Yes”, the subproject is not qualified to be included. Realign.
<p><b>Cultural Resources</b></p> <p>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)</p>	
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?	
10. Is there any cultural heritage especially with important value for local community (eg. ancestral tomb) being negatively affected by the subproject?	If “Yes”, the subproject is not qualified to be included
<b>Land Use</b> The development of or erection of distribution poles will require use of land. The land requirement would be optimized by using government owned land. For Right of Way, private land might be affected if there is no existing Right of Way available, and/or necessary to connect to private customers. Consent of landowners for use of their land and people whose non-land assets impacted by the project would be secured using written documentary evidences as in Appendix 11. During the construction phase, there would be land to be used temporary for construction activities. The contractor on behalf of NEA should maximise the usage of public land like roadside, and will rent private land with budget taken from the construction contract if public land is not available.	
11. Is there any land owned by individual or organisation to be affected because of the subproject?	If “Yes”, the consent form has to be filled and collected. Keep all written letter request and filled consent documentation in hard copies
12. Is there any subproject activity that would restrict or close access to the community usual activities, facilities and services, productive assets and natural resources permanently or temporarily?	If “Yes”, explain briefly why there would be restriction and/or closure and what would be the arrangement with the landowners and land users.  Keep all written filled consent documentation in hard copies
13. Is there any crops and/or trees (fruit, timber or herb) or fixed assets, loss of business or enterprises owned by individual or organisation to be affected because of the subproject?	If “Yes”, explain briefly what would be the impacts of the trees and crops, loss of business or enterprises and the arrangement with the landowners, 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 and economic activities arising from change in land use	If “Yes”, explain briefly what would be the adverse impacts on social and economic activities arising from change in land use
15. Is there restrictions on land and resources owned communally or by the Government	If “Yes”, explain briefly what would be the impacts of the restrictions on land and resources owned communally or by the Government
16. Is there any private land to be used temporary during the construction phase for any construction activities?	If “Yes”, explain briefly: - location(s) of private land to be used - evidence(s) that the land would be rented under contractor’s contract
<b>Safety Distance</b> <b>As per Electricity Regulation 2050 (1993)</b>	
17. Schedule 12 (Distance which ought to be from wire to the ground)	If “Yes”, for any of the question, the subproject has to redirect the distribution lines plan to follow the safety distance
18. Schedule 13 (Minimum distance which	Note:

ought to be from the wire to the house of tree) a.	Keep all plan documented in print-out, any change has to be noted in the resource documents
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## 9.2 Mitigation measures if the impact entails:

	Particulars	Mitigation measures	Responsibility	Remarks
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 ( <i>choose in accordance with the activity</i> )	<input type="checkbox"/> Extension of 11 kV distribution lines <input type="checkbox"/> Expansion of distribution lines on existing right of way <input type="checkbox"/> :	
3	Project Description ( <i>describe briefly about the project activities from preparation to operation</i> )		
4	Project Location ( <i>describe the location of the project in detail, name of sub-village, village district, regency/city and province</i> )		
	Alternatives Considered and Hierarchy of Mitigation Measures applied (for private land and/or land belonging to IPs)		
5	Work Capacity ( <i>describe the capacity of the work</i> )		
6	Protected Area ( <i>checking whether the project location is in protected location below</i> )		
	a. Protected Area as defined By the Department of National Parks and Wildlife and conservation and Forest Act 2076	<input type="checkbox"/> Protected forest/Types of Forest <input type="checkbox"/> Wetland <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> National Park and Wildlife	<input type="checkbox"/>
		1.	
	c. List of protected 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 ( <i>checking whether the project location is in IP location or there are presence of IP groups or ethnic minorities in the community</i> )		

\* might cross (X) more than one options

**Form on Consent of Private Land Owner(s)****Statement Letter**

The person signing below,

Name :

.....

:

.....

Address :

.....

Phone Number :

.....

In relation with the request for electricity distribution upgrade and expansion of NEA with the following details:

Power :

.....

Location :

.....

Geo-tagging (coordinates):

.....

Like to inform that we give permission for the electricity installation to the above location from all parties that whose land and non-land assets (like plants and crops) could be affected by the development for installing the poles, transformer and right of way. The parties on the list below agree for the usage of the land and any necessary clearance needed (e.g. trimming of branches, cutting of trees).

List of Name

No	Name	Address	Signature
1			
2			
3			
4			

....., ....., .....202..

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

Attachment:

### **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:

- 1.
- 2.
- 3.

Name of the notes : taker:		Signature:
Agreed by : Position	1.	Signature:
Position :	2.	Signature:

**List of Attendance of Community Consultations**

Date, time :

:

Name of the Village/Municipality and Ward:

:

Name of the Province :

:

No	Name	Gender		Address or Mobile Phone	Signature
		Male (M)	Female (F)		
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: