

Environmental Compliance Monitoring Report

Semi-Annual Report

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Project Number: 41155-013

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Nepal: Electricity Transmission Expansion & Supply Improvement Project

Prepared by the Government of Nepal for the Asian Development Bank.

NOTES

- (i) The fiscal year (FY) of the Government of Nepal and its agencies ends on 16 July. FY before a calendar year denotes the year in which the fiscal year ends, e.g., FY 2019 ends on 16 July 2020.
- (ii) In this report, “\$” refers to US dollars.

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CURRENCY EQUIVALENTS

31 DECEMBER 2020

Currency unit – Nepalese Rupee (NRs)

NRs. 1.00 = \$ 0.0085

US \$ 1.00 = NRs. 116.88

ACRONYMS AND ABBREVIATIONS

ADB	Asian Development Bank
CF	Community Forest
CFUGs	Community Forest User Groups
CSR	Corporate Social Responsibility
CPP	Compensatory Plantation Plan
DFCC	District Forest Coordination Committee
DoF	Department of Forest
DFO	Division Forest Office
EM	Entitlement Matrix
ESMU	Environmental and Social Management Unit
ESSD	Environment and Social Studies Department
ETESIP	Electricity Transmission Expansion and Supply Improvement Project
GoN	Government of Nepal
GRC	Grievance Redress Committee
Ha	hectare
HH	Household
HPP	Hydro Power Project
IEE	Initial Environmental Examination
IP	Indigenous People
IR	Involuntary Resettlement
LF	Leasehold Forest
LRO	Land Revenue Office
NF	National Forest
NEA	Nepal Electricity Authority
PAF	Project Affected Family
PCC	Plain Cement Concrete
PTDEEP	Power Transmission and Distribution Efficiency Enhancement Project
RAP	Resettlement Action Plan
RCC	Reinforced Cement Concrete
RM	Rural Municipality
RP	Resettlement Plan
RoW	Right of Way
RRM	Random Rubble Masonry
SDFO	Sub-divisional Forest Office
SPS	Safeguard Policy Statement
SOP	Standard Operating Procedure
TKTLP	Tamakoshi-Kathmandu 220/400kV Transmission Line Project

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ACRONYMS AND ABBREVIATIONS

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1.0 INTRODUCTION

1.1 Background

Electricity Transmission Expansion and Supply Improvement Project (ETESIP) was approved on 15 November 2011 with its loan closing date on 31 December 2017. However, due to certain changes/adjustments on the scope of Tamakoshi-Kathmandu Transmission Line Project (TKTLP) and substation projects, the project has been extended till 31 March 2020 which has been further revised to 31 December, 2021. The ETESIP is a \$128 million project with financial assistance of 44% loan and 34% grant support from Asian Development Bank (ADB), Government of Norway, Nepal Electricity Authority (NEA) and Government of Nepal (GoN). The project also has an approved fund of \$2 million for capacity development assistance. The project comprises of following three major integrals:

- Transmission line expansion, including new transmission lines and substations
- Distribution system expansion
- Rehabilitation of hydropower stations

Based on these major integrals, the project has following components:

- a) Tamakoshi-Kathmandu 220/400kV TL
- b) Rehabilitation of 640kV Sundarijal HPP
- c) Rehabilitation of 1MW Tinau HPP
- d) Augmentation of distribution Services (East i.e. Jare, Gaur, Nijgadh, Chandraghadhi and Belbari)
- e) Augmentation of Distribution Services (West i.e. Parasi, Amuwa, Taulihawa, krishnanagar, Gorkha, Mirm and Gaddachowki)
- f) Expansion of Chapali SS, Kohalpur-Mahendranagar 132kV second circuit
- g) Upgradation of distribution lines at Kathmandu, Bhaktapur, Kavrepalanchowk, Sindhupalchowk, Dolakha, Sindhuli and Ramechhap Districts

Among above components, TKTLP is in its initial phase of construction. The TKTLP is divided into two sections: i) New Khimti-Barhabise section (Package I) which includes construction of double circuit 220/400 kV TL from New Khimti, Ramechhap to Barhabise, Sindhupalchowk and ii) Barhabise-Kathmandu section (Package II) which includes construction two different TL a) construction of double circuit 220/400 kV TL from Barhabise, Sindhupalchowk to Lapsipedi, Kathmandu and b) construction of double circuit 132 kV TL from Lapsipedi, Kathmandu to Changunarayan, Bhaktapur.

Some changes have been occurred in the ETESIP due to shifting of three substations under Power Transmission and Distribution Efficiency Enhancement Project (PTDEEP) from ETESIP. The scope of acquisition, compensation and other associated activities of the mentioned three substation components have also been transferred under the PTDEEP. The shifted substations are: i) Barhabise SS, Sindhupalchowk, ii) Lapsipedi SS, Kathmandu and iii) Changunarayan SS, Bhaktapur.

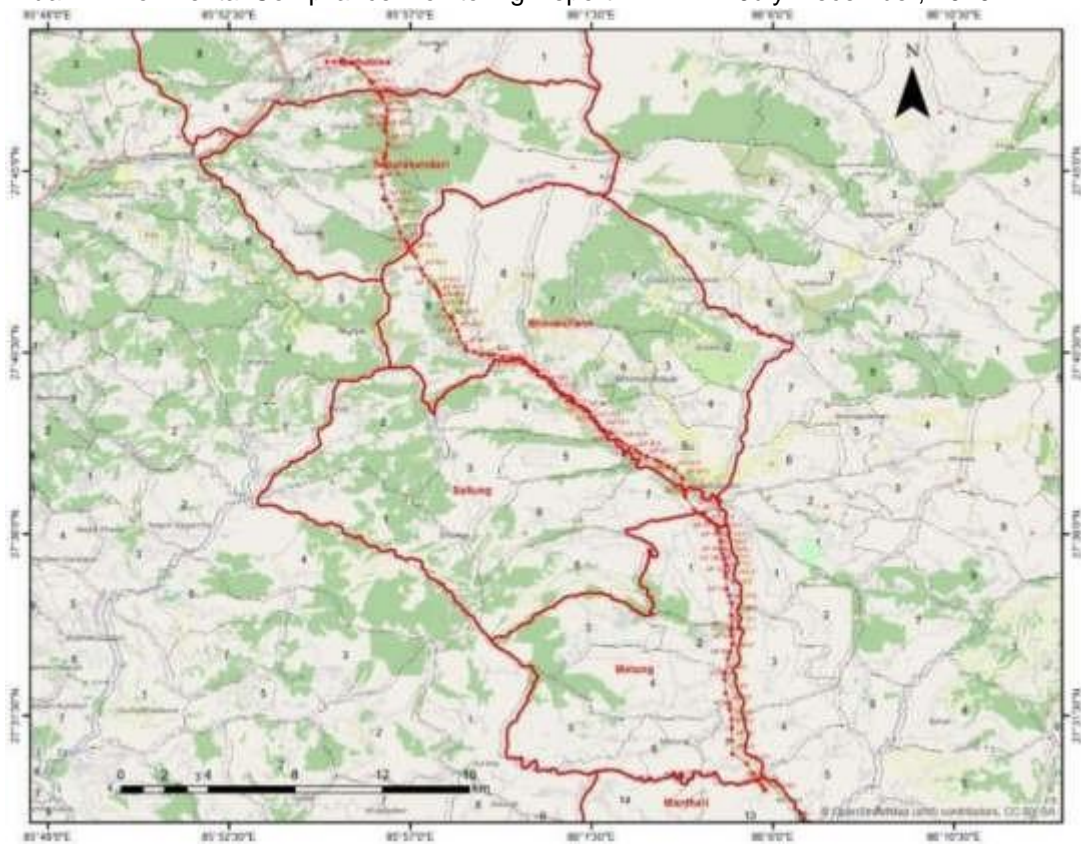


Figure 1: New Khimti - Barhabise TL section with administrative boundary

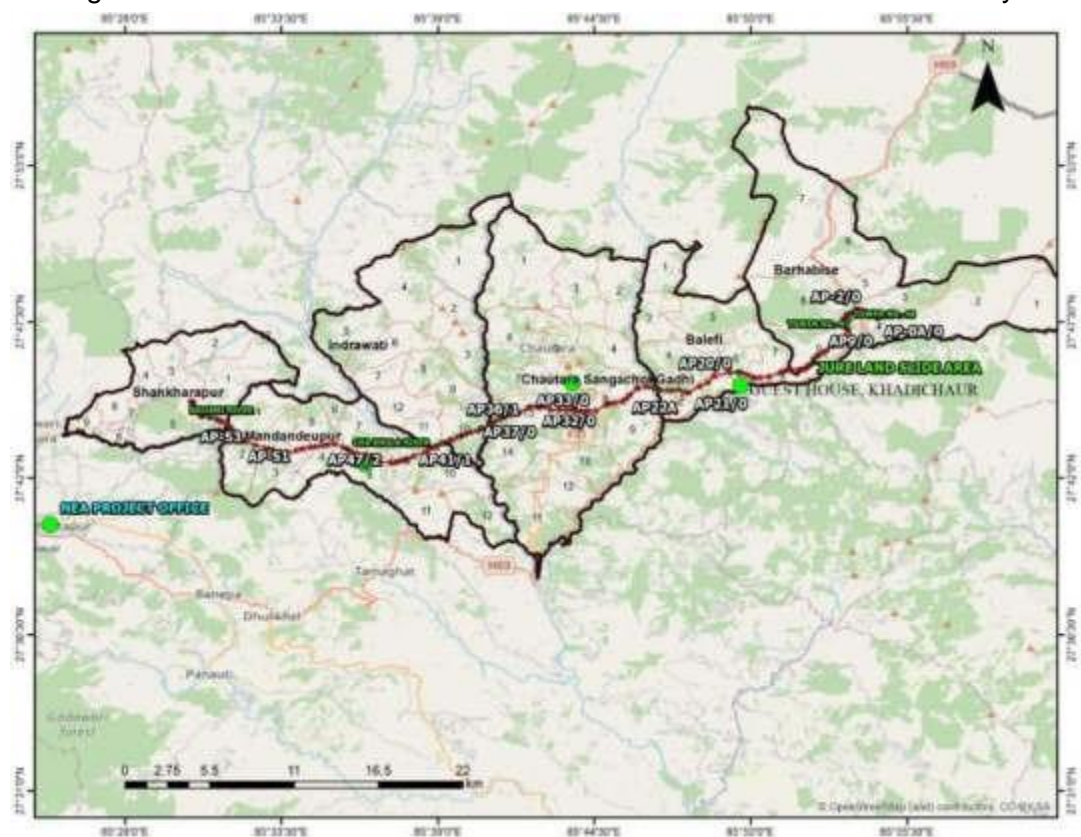


Figure 2: Barhabise -Lapsipedi TL section with administrative boundary

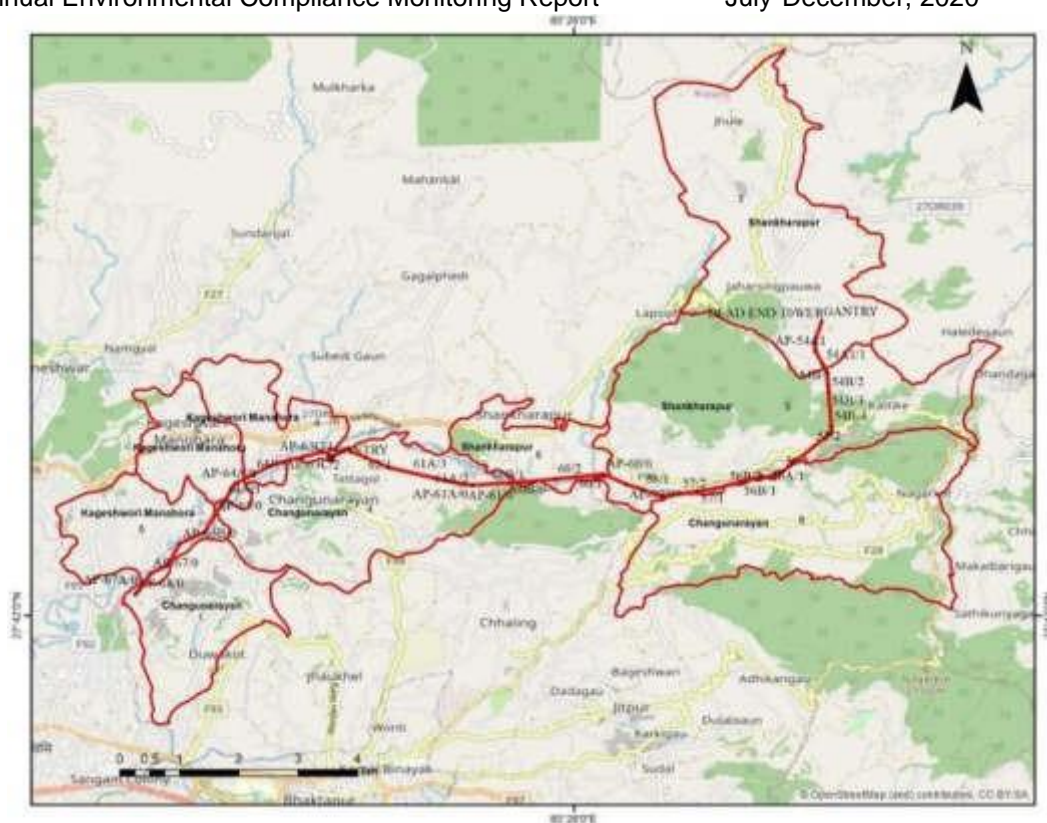


Figure 3: Lapsipedi -Changunarayan TL section with administrative boundary

1.2 Overall Progress Status of the Project

The overall progress status of sub-project components is summarized as follows.

Table-1: Overall Progress Status of the Project

SN	Name of the Project	Project Details	Progress Status	Completion Schedule
Tamakoshi – Kathmandu 220/400 kV Transmission Line Project (TKTLP) – ETESIP				

a.	New Khimti - Barhabise TL section (Package I)	Construction of double circuit 220/400 kV TL from New Khimti, Ramechhap to Barhabise, Sindhupalchowk	<p>i. Initial contract awarded on 26 September 2016 cancelled and recently the new contract agreement has been awarded on 20 May 2019 with the date effective from 20 July 2019</p> <p>ii. Route Alignment finalized and check survey has been progressively undergoing</p> <p>iii. Check survey completed for 114 tower locations</p> <p>iv. Cadastral survey of 28 towers completed and report submitted to NEA and under process for 66 towers.</p> <p>v. A 35-day public notice for land acquisition has been published on October 13, 2020 on Gorkhapatra daily.</p> <p>vi. DFO, Dolakha has granted tree cutting approval for all the 14 APs that falls on the forest (AP 10/1, AP 13/0, AP 16/1, AP 17/1, AP 18/0, AP 19/1, AP 21/0, AP 22/0, AP 24/1, AP 25/0, AP 26/0, AP 36/0, AP 49/1 and AP 52/1) and trees have been cut in eleven APs (AP 10/1, AP 13/0, AP 16/1, AP 17/1, AP 18/0, AP 21/0, AP 22/0, AP 24/1, AP 25/0, AP 26/0, and AP 36/0).</p> <p>vii. Excavation for foundation work started in AP 16/1, 18/0 and 21/0; foundation work</p>	12 October, 2021
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SN	Name of the Project	Project Details	Progress Status	Completion Schedule
			completed in AP 13/0, AP 22/0, AP 26/0 and AP 36/0. viii. Compensation Determination Committee has determined the compensation amount for private lands and the application collection for compensation from PAFs is ongoing. ix. Four GRCs have been formed in Melung RM and Bhimeshwar Municipality of Dolakha district.	
b.	Barhabise – Changunarayan section (Package II)	Construction of double circuit 220/400 kV TL from Barhabise, Sindhupalchowk to Lapsipedi, Kathmandu	i. Contract awarded on 13 June 2017 with the date effective from 13 August 2017 ii. Check survey completed iii. Social and environmental public awareness campaign via installation of 30 hoarding boards at 30 different locations iv. Enumeration of trees to be cut in Sindhupalchowk, Kavrepalanchowk and Kathmandu Districts has been completed and accordingly Tree cutting approval has been granted from the Cabinet and hence the agreement has been done between Department of Forest (DoF) and NEA; based on which the letter has been sent to the respective DFO. v. After the recipient of tree cutting approval letter from DoF, the hammer seal process is undergoing before felling of trees in coordination with the respective DFO in Sindhupalchowk and Kavrepalanchowk area vi. An agreement has been done between Department of Forest and Soil Conservation and Nepal Electricity Authority to provide funds for compensatory tree plantation for all the trees to be felled in TKTLP vii. Tree cutting completed in AP 21/0, AP 22/0, AP 23/0, AP 26/0, AP 27/0, AP 27/1, AP 36/0, AP 36A/0 and AP 46/0 viii. Occupational Safety Training- 3 and Health and Sanitation Program- 3 has been conducted among labors (Participants- 22 in each) ix. Social Awareness program conducted in 3 different locations x. Tower foundation construction under progress (58 foundation completed & 26 under construction) xi. Tower erection under progress (26 erection completed & 8 under construction) xii. Tower protection work under progress (6 completed and 2 under progress)	Initially, 13 April 2020, which has been further renewed to 31 March 2021

		Construction of double circuit 132 kV TL from Lapsipedi, Kathmandu to Changunarayan, Bhaktapur	<p>i. Contract awarded to L&T, that has been included as a complete package within Package II</p> <p>ii. Detailed survey has been completed for 14.13 km (50 towers)</p> <p>iii. Check survey completed for 50 towers</p> <p>iv. Contouring completed</p> <p>v. Land parceling/Cadastral survey report submitted to NEA duly verified by survey and land revenue department (36%= 18 Locations)</p> <p>vi. Enumeration of trees to be cut in Kathmandu and Bhaktapur Districts has been completed and accordingly Tree cutting approval has been granted from the Cabinet and hence the agreement has been done between Department</p>	
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SN	Name of the Project	Project Details	Progress Status	Completion Schedule
			of Forest (DoF) and NEA; based on which the letter has been sent to the respective DFO. vii. Cadastral Survey Report submission to CDO for publication of notice (Pending location 60A/0 (Kathmandu) & 60B/0 (Bhaktapur) in 132 KV D/C are disputed due to changes in District Boundary. Joint Field visit by both survey department from respective districts is required.)	
2	Kohalpur Mahendranagar 132kV TL second circuit stringing	<ul style="list-style-type: none"> 191km of second circuit stringing on existing TL and construction of substations at Bhurigaun, of Bardiya District, and Phalmanpur of Kailali District 	<ul style="list-style-type: none"> Project Complete 	
3	Rehabilitation of Sundarijal HPP	<ul style="list-style-type: none"> 640 KW hydropower rehabilitation within the existing area 	<ul style="list-style-type: none"> Unit 2 machine has been regularly operating after its rehabilitation. Further, for unit 1, foundation work is ongoing and the first stage concreting on the foundation work has been completed. The contractor is still claiming for price escalation despite the contract being fixed price. 	31 December 2019
4	Rehabilitation of Tinau HPP	<ul style="list-style-type: none"> 1MW HPP rehabilitation 	<ul style="list-style-type: none"> The project was removed from the ETESIP scope 	
5	Chapali Substation	<ul style="list-style-type: none"> Expansion of Chapali Substation 	<ul style="list-style-type: none"> Project Complete 	

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7	Augmentation of Distribution Services (West)	Upgradation of 33/11kV at 8 substations	<ul style="list-style-type: none"> Substation at Nawalparasi District for Parasi, Rupandehi District for Amuwa, Kapilvastu District for Taulihawa and Krishnanagar, Gorkha District, Kanchanpur District for Gaddachauki and Salyan District for Jare has been charged since September of 2018. Substation at Syangja District for Mirmi nonperformance of contractor has caused transfer of the project to second package of ADB 	
8	Upgradation of Distribution Lines	<ul style="list-style-type: none"> Upgradation of distribution lines in earthquake effected areas of Kathmandu, Bhaktapur, Kavrepalanchowk, Sindhupalchowk, Dolakha, Sindhuli and Ramechaap Districts 	<ul style="list-style-type: none"> Project complete, final field verification report is remaining. 	
6	Augmentation of Distribution Services (East)	<ul style="list-style-type: none"> Upgradation of 33/11kV substations at Jhapa District for Chadragadhi and Damak (Buluchowk), Morang District for Belbari, Mahottari District for Jalesjwor, Rautahat District for Gaur and Bara District for Nijgad 	<ul style="list-style-type: none"> Project Complete 	

(Source: Field visit, compensation disbursement data sheet, project document and consultation with project staffs)

1.3 Implementation Status

NEA has established a separate Project Management Directorate (PMD) to expedite decision making process for the timely implementation of all ADB funded projects and other subsequent projects. PMD is headed by Deputy Managing Director (DMD) responsible for preparation, procurement, construction and supervision of ADB funded projects.

1.4 Reporting Period

The Semiannual Environmental Compliance Monitoring Report is prepared for the period of July-December, 2020.

1.5 Monitoring Requirements and Frequency of Submission

The Semiannual Environmental Compliance Monitoring Report has been prepared by NEA and submitted to ADB as per the reporting guidelines and compliance with ADB requirements. The report has been prepared to cover and evaluate the environmental activities conducted by

Environment and Social Management Unit (ESMU) in TKTL for the period of July-December, 2020.

2.0 Compliance Status with Applicable Statutory Requirements

The environmental safeguard related regulatory compliance requirements are as given in **Annex- 1**. Similarly, environmental compliance status with loan and grant covenants are presented in **Annex- 2**, whereas the health & safety and environmental safeguard related project activities are in compliance with contract clauses as given in **Annex- 3** and **Annex- 4** respectively.

3.0 Institutional Arrangement

3.1 Establishment of Safeguard Unit

The site office for ESMU has been established at Charikot, Dolakha for New Khimti-Barhabise TL section (Package I) and at Khadichaur, Sindhupalchowk for Barhabise – Changunarayan TL section (Package II). Since the establishment of the site office, the Environmental and Social

Monitoring teams are in site for regular monitoring, supervision and implementation of Environmental and Social safeguard activities.

3.2 Establishment of Grievance Redress Mechanism

There is a Grievance Management Department (GMD) headed by director within NEA. The preparation of grievance redress mechanism acceptable to ADB will be complied. Moreover, under the PMD a separate department to overlook the safeguard implementation is being formed. The issues raised in local consultative meetings are first handled and solved in the field level Grievance Redress Committee (GRC) chaired by local elected representative and other representation from project personnel, PAFs, contractor, ESSD. The issues not solved will then be forwarded to GMD.

The establishment of GRC for all the affected RMs' and Municipalities' wards are in the process of formation. Altogether 43 GRCs are supposed to be formed in complete TKTL as per the available approved cadastral data till this reporting period. Among those, 16 GRCs are to be formed in New Khimti – Barhabise TL section, 22 in Barhabise – Lapsiphedi TL section and 5 in Lapsiphedi – Changunarayan TL section till this reporting period, which are subjected to change as the final check survey and cadastral survey is still under process. The project office has dispatched the GRC formation letter on November 25, 2020 to the affected Bhimeshwor Municipality, Melung Rural Municipality, and Shailung Rural Municipality of Dolakha district for New Khimti-Barhabise section. In New Khimti-Barhabise TL section, 4 GRCs have been formed. Out of 22 GRCs to be formed in Barhabise-Lapsiphedi TL section, 19 GRCs (86.36%) has been formed, however, the number of GRCs to be formed might increase once the final check survey is completed followed by the cadastral report approval from Lapsiphedi-Changunarayan TL section. In Sindhupalchowk district, 6 GRCs are formed for New Khimti-Barhabise TL section and 12 GRCs for Barhabise-Lapsiphedi TL section. The GRC formation is being done following SOP for COVID-19 issued by PMD. The details of GRC formation status has shown in Figure 4.

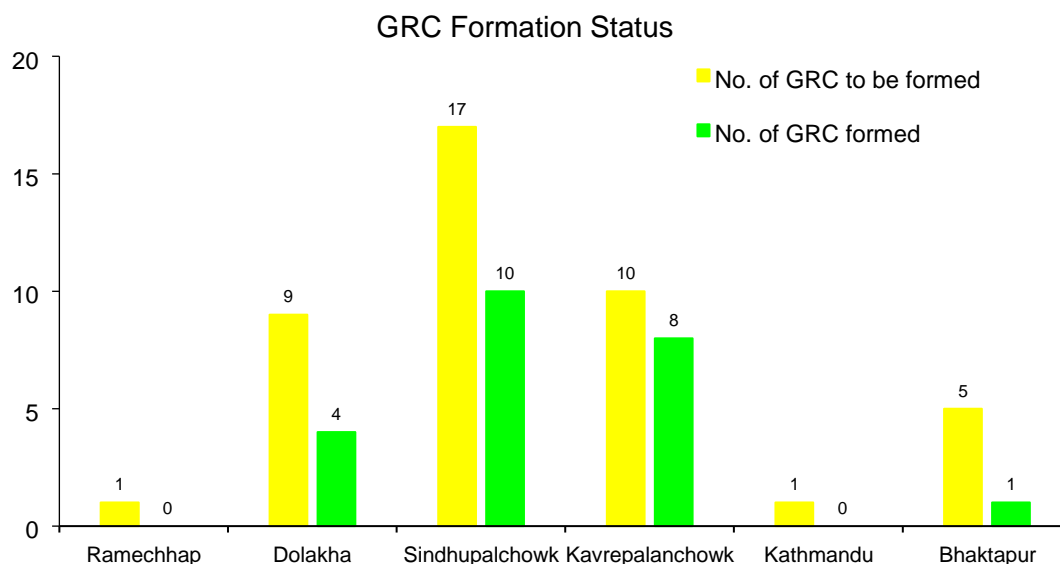


Figure 4: Total no. of GRCs to be formed and GRCs formed till this period

(Source: Field Data)

3.3 EMP Implementation, Monitoring and Reporting

Monitoring mechanism in each project has been established for regular compliance monitoring.

Report will be prepared on monthly, quarterly and biannual basis. During monitoring and consultation, meetings will be conducted with the contractors and contractor's supervisor and also with the labors/staffs employed in construction works; through informal meetings in a group and individually. The consultative process aimed to obtain required information feedback and advice from the participants i.e., Contractors and labors/staffs engaged for the civil construction to assess the actual scenario of the labor issues and concerns.

4.0 Compliance with Environmental Safeguard Measures

The environmental assessment with mitigation, corrective and compensatory measures for the proposed development interventions is a major component in ensuring minimal adverse environmental impacts. According to Environmental Protection Act (EPA), 2019 and Environmental Protection Rules (EPR), 2020 of GoN and ADB Safeguard Policy Statement (SPS), 2009 Initial Environmental Examination (IEE) is mandatory for the electricity transmission line projects. However, if the transmission line passes from protected areas (National park, Wildlife reserves, Conservation areas), Environmental Impact Assessment (EIA) is mandatory according to schedule 3 of EPR, 2020. With the promulgation of EPA, 2019 and EPR, 2020, EPA, 1996 and EPR, 1997 has been dissolved, however the IEE of the project was prepared as per then EPR, 1997. Moreover, considering National Energy Crisis Alleviation and Electricity Development Decade concept note, Ministry of Energy, Water Resources and Irrigation has issued "IEE and EIA Working Procedures for Hydropower and Transmission Line Project, 2073 BS" effective from 2073 Kartik 4 (20 October, 2016) to simplify and expedite environmental assessment approval process by assigning authority to Department of Electricity Development (DoED).

4.1 Planning Status of the Project

The transmission line projects are screened to be of Category B. This Tamakoshi-Kathmandu 220/400kV TL has IEE with approval from ADB and GoN through the line ministry. The TL will avoid any environmentally sensitive sites. A section approximately 16 km that is to pass through forest areas of Charnawati Watershed (The watershed area set aside for carbon sequestration pilot site) although not a legally protected area has been proposed for offsetting the Right of Way (RoW) clearance. The work for the transmission line is in progress where contractors have been mobilized and ESMU is established. The details of the project planning are provided in **Annex-5**.

4.2 Construction Approach

The construction approach will be applied with focus on reducing adverse environmental impacts, costs and promoting local jobs. The preventive and corrective measures on handling hazardous chemicals, oils, occupational health and safety requirements are incorporated as per the safeguard requirements.

4.3 Tree Marking and Tree Cutting Status

The enumeration of trees to be cut has been completed in Ramechhap, Dolakha, Sindhupalchowk, Kavrepalanchowk, Kathmandu and Bhaktapur districts. The then obtained enumeration list has been submitted to the respective agency i.e., Department of Forest. The enumeration list shows more trees to be cut than expected from the IEE report and thus IEE has been updated and approved on October 2019, in the portion of Sindhupalchowk Forest area, especially in Balephi RM. The total number of trees to be cut is counted as 35,231 with the total timber volume of about 441,674.527 cft.

The tree cutting approval has been approved/decided from the cabinet meeting and the authorized letter from the concerned agency/authority (DoF) has been dispatched. The request letter for approval of tree cutting submitted to Division Forest Office, Dolakha, Kavrepalanchowk

and Sindhupalchowk by Project Office has been registered and the concerned agency has further granted the permission for tree cutting via respective Sub-division Forest Office in the respective districts.

Table-2: Tower Details and Trees to be felled

SN	TL section	Length	Districts	Total No. of approved towers			Number of trees to be felled	Remarks
				Towers in Government land/Forest area	Towers in Private land	Total Towers		
1.	New Khimti – Barhabise (220/400 kV)	42 km	Ramechhap	15	99	114	0	
			Dolakha				4291	
			Sindhupalchowk				28582	
2.	Barhabise - Lapsiphedi (220/400 kV)	46 km	Sindhupalchowk	25	97	122	1424	
			Kavrepalanchowk				838	
			Kathmandu				93	
	Lapsiphedi - Changuarayan (132 kV)	14 km	Kathmandu	7	50	57		
			Bhaktapur					
Total		102 km	6	47	246	293	35231	

(Source: Project document, Updated IEE report)

Table 3: Forest types in TKTL

SN	District	Affected CF		Affected GF		Affected LHF		Total	
		No.	Area (ha)	No.	Area (ha)	No.	Area (ha)	No.	Area (ha)
1	Dolakha	17	35.34	0	0	0	0	17	35.34
2	Sindhupalchowk	27	53.6912	2	0.7678	2	1.9412	31	56.4002
3	Kavrepalanchowk	6	9.200					6	9.2
4	Kathmandu	2	2.0300					2	2.03
5	Bhaktapur	1	0.2500					1	0.25
Total	5	53	100.5112	2	0.7678	2	1.9412	57	103.2202

(Source: Updated IEE report)

New Khimti-Barhabise TL Section

The DFO, Dolakha has granted tree cutting approval in ten community forests. With this approval from DFO, tree cutting in AP 10/1, AP 13/0, AP 16/1, AP 17/1, AP 18/0, AP 21/0, AP 22/0, AP 24/1, AP 25/0, AP 26/0 and AP 36/0 has been completed. For AP 19/1, agreement with CFUG for tree cutting has been done and will be felled soon. There are no trees in tower pads of AP 49/1 and AP 52/1, only the shrubs on the pads will be cleared during the time of foundation work in presence of CFUG members. Altogether 585 numbers of trees have been cut for tower pad in nine APs of seven CFs till this reporting period.

TKTL passes through Charnawati watershed, one of the watersheds among three selected for REDD pilot project. Out of 58 CFs in the watershed, twelve CFs are affected by New KhimtiBarhabise section of TKTL on which tower pads will be constructed in five CFs and only TL will pass from seven CFs. Details of CFs affected by TKTL has shown in Figure 5. The Charnawati watershed is resided by rare Thami people and they are considered to have close connection with forest for their livelihood and culture. So, to offset the impacts by the intervention of TKTL on CFs of Charnawati watershed, consultation meetings with CFUGs affected by TKTL regarding their capacity development programs were conducted.



The enumeration list shows more trees to be cut than expected from the IEE report and thus IEE has to be updated, in the portion of Sindhupalchowk Forest area, especially in Balephi RM. After the agreement between DoF and NEA, the letter has been dispatched to respective DFO, from where the required letter and approval has been granted. Based on those granted permission, hammer seal is undergoing in Sindhupalchowk and Kavrepalanchowk area. Also, the tree cutting has been completed in location AP 46/0 in Kavrepalanchowk, where 127 trees in forest area and 22 trees in private land has been felled down in direct supervision of representatives from respective Ilaka Forest Office. Similarly, tree cutting has been completed in AP 21/0, AP 22/0, AP 23/0, AP 26/0, AP 27/0, AP 27/1, AP 34/0, AP 36/0 and AP 36A/0 with the total 759 number of trees being felled. The complete cadastral survey has not been finished in Lapsipedi-Changunarayan section and thus the further process for tree marking and cutting has not been proceeded further in this section.

4.4 Status of Compensatory Plantation Plan

An agreement has been done with Department of Forest and Soil Conservation and Nepal Electricity Authority to provide fund for compensatory plantation for all the trees to be felled in TKTL. A current tree enumeration shows that 35,231 trees to be felled in TKTL, however, the trees number might decrease during the construction phase as the project will cut only the required tree for foundation clearance and the required trees for RoW clearance and will avoid tree cutting in valleys and trees with smaller height that does not obstruct the RoW clearance. Thus, the project will not clear all the trees that comes in TKTL alignment.

The agreement between DoFSC and NEA clearly explains that the fund will be provided in three installments. The first installment will cover the compensation cost of all the trees that will be felled, the second installment will cover the compensation cost for the area of the land that has to be acquired and the third installment will cover the compensation cost for the caretaking of the compensatory plantation. All the fund will be deposited in the Forest Development Fund of department of Forest and Soil Conservation. NEA has paid the cost of NRs. 165,058,031 for acquired land. The Divisional Forest Office, Dolakha has been preparing the cost estimate for compensatory plantation including five years protection based on the tree felled data on the tower pad and acquired land submitted by project office. The estimate also incorporates the casualty damage of 20% for first year and 10% for second year.

4.5 Consultation with Community

The regular consultation with the local peoples, PAFs and relevant stakeholders is conducted whenever needed. Information regarding project activities is shared with them and any questions/queries is answered. While implementing the RP, IR activities a meaningful consultation, group discussion programs is carried out with the PAFs. The regular field visit, consultation and interaction is being conducted by strictly following the Standard Operating Procedure (SOP) for COVID-19 issued by PMD. There were 58 public consultations held during this reporting period with the total participant numbers 567 (Male – 502 and Female – 65). Among those consultations, environmental related consultations are presented below: Since, most of the consultations were informal, hence lacks proper minuting, however are documented with photographs.

Table 4: Environment Related Public Consultation Details

Table 1: Environment Related Public Consultation Details						
SN	Location and Date	Major Issues in Discussion	Participant			Remarks
			Male	Female	Total	
New Khimti – Barhabise TL section						
1.	Bhimeshwor Municipality-9, Syasi (AP 44/0, AP 44/1, and AP 45/0)(2020/07/09)	• Discussion with PAFs about compensation distribution process	5	2	7	
2.	Bhimeshwor Municipality-5 Kiratichhap (AP 36/0) (2020/07/29)	• Discussion about tree cutting in CF for tower pads	8	1	9	Tree marking has been completed
3.	Bhimeshwor Municipality-7, Mahakal (AP 36) (2020/08/28)	• Discussion with Amale Kharka Community Forest User Committee about extra tree loss during tree felling and use of local labors during construction work	8	1	9	The trees were felled cautiously without making any harm to unmarked trees. Contractor and locals agreed on use of local labors on unskilled work.
4.	Melung Rural Municipality-1 (2020/09/16)	• Discussion with Paleko Sajheko Salkhoriya CF User Committee regarding tree cutting process and compensatory plantation	7	0	7	

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5.	Shailung Rural Municipality-7, Bhadreshwor (2020/09/23)	<ul style="list-style-type: none"> Discussion with Charnawati CF User Committee about tree cutting processes, Compensatory Plantation Plan and CSR activities of the project before providing approval for tree stamping 	15	0	15	The User Committee agreed for stamping of trees in Charnawati CF
6.	Bhimeshwar Municipality-5 (2020/10/13)	<ul style="list-style-type: none"> Discussion with Amalekharka CFUG Committee regarding probable Capacity Development programs 	15	2	17	

SN	Location and Date	Major Issues in Discussion	Participant			Remarks
			Male	Female	Total	
7.	Shailung Rural Municipality-7, Bhadreshwor (2020/10/14)	<ul style="list-style-type: none"> Discussion with Charnawati CFUG Committee regarding probable Capacity Development programs 	6	0	6	
8.	Bhimeshwar Municipality-7, KiratiChhap (2020/10/14)	<ul style="list-style-type: none"> Discussion with Sitakunda CFUG Committee regarding probable Capacity Development programs 	24	0	24	
9.	Bhimeshwar Municipality-9 (2020/10/15)	<ul style="list-style-type: none"> Discussion with Napke Yanmara CFUG Committee regarding probable Capacity Development programs 	12	0	12	
10.	Bhimeshwar Municipality-9 (2020/10/15)	<ul style="list-style-type: none"> Discussion with Setidevi CFUG Committee regarding probable Capacity Development programs 	9	0	9	
11.	Charikot (2020/11/23)	<ul style="list-style-type: none"> Re-construction of CharangeBhyakure-Shitali road affected by tower pad 	5	1	6	Consultation concluded the reconstruction of the road section impacted by tower pad
12.	Melung-1 (2020/12/08)	<ul style="list-style-type: none"> Re-construction of CharangeBhyakure-Shitali road affected by tower pad 	11	0	11	
13.	Bhimeshwar-5, Bishnu Tole (2020/12/27)	<ul style="list-style-type: none"> Regarding awareness on project background and capacity development programs for PAD 	9	1	10	Locals recommended the programs that are useful to them.
Barhabise – Changunarayan TL section						
1.	Chautara Sangachokgadi Municipality- 13, Thulo Sirubari (2020/07/15)	<ul style="list-style-type: none"> Consultation with Ward Chairperson & PAFs about the CSR activities in five different locations regarding construction or supplying of materials for Construction 	5	0	5	Agreement has been done regarding supplying materials for construction and the information has been shared to ESSD

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2.	Mandan Deupur-10, Kavrepalanchowk (2020/07/16)	<ul style="list-style-type: none"> Consultation with Ward Chairperson on the CSR activities works in Tamang basti, Yonjan Tole, Mandan Deupur -10 (18HH /115HH members) 	3	0	3	Agreement has been done regarding supplying materials for construction and the information has been shared to ESSD
3.	Balephi-7, (2020/08/12)	<ul style="list-style-type: none"> Construction of gabion walls outside the acquired land as a tower protection work, adjacent to pit B and C in AP 15/0, and construction of wall to enlarge the road adjacent to pit D in AP 15/0. 	5	0	5	Information shared with PO
4.	Balephi-7, (2020/08/13)	<ul style="list-style-type: none"> Construction of gabion walls outside the acquired land as a tower protection work, adjacent to pit B and C in AP 15/0, and construction of wall to enlarge the road adjacent to pit D in AP 15/0. 	8	0	8	Information along with the recommendation letter from ward office has been shared to PO
5.	Balephi-5, (2020/09/15)	<ul style="list-style-type: none"> Consultation with Fhalate CFUG committee for tree cutting 	5	0	5	
SN	Location and Date	Major Issues in Discussion	Participant			Remarks
			Male	Female	Total	
6.	Balephi-4, (2020/09/16)	<ul style="list-style-type: none"> Consultation with ward officials and PAFs for initiation of construction activities 	7	0	7	
7.	Balephi-4, (2020/10/1)	<ul style="list-style-type: none"> Consultation with PAF members for the clearance of tree and starting of construction works in Tower pads 	4	0	4	
8.	Thulosirubari-13 (2020/10/4)	<ul style="list-style-type: none"> Consultation with PAFs, CFUG and DFO office Chautara for documentation process of Forest and Site works. 	12	5	17	
9.	Balephi -5 (2020/10/5)	<ul style="list-style-type: none"> Consultation with CFUG and PAFs 	7	2	9	
10.	Balephi 6 (2020/10/7)	<ul style="list-style-type: none"> Consultation with CFUG 	7	0	7	
11.	Thulosirubari-13 (2020/10/18)	<ul style="list-style-type: none"> Repairing obstructed Drinking water supply at AP 34/0 Consultation and joint measurement of felled tree (timber and firewood) along with CFUG 	15	5	20	

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12.	Irkhu-8 (2020/10/18)	<ul style="list-style-type: none"> Consultation with Ward Chairperson and Local Youth Club for Local Demand for playground extension. Consultation and joint measurement of felled tree (timber and firewood) along with CFUG 	20	5	25	
13.	Bhotsipa-10 (2020/10/20)	<ul style="list-style-type: none"> Consultation with CFUG at Bhotsipa 	8	4	12	
14.	Balephi RM-6 (2020/11/2)	<ul style="list-style-type: none"> Discussion with CFUG at AP20/0 CFUG are demanding for reconstruction of Durga Bhawani Temple 	10	0	10	
15.	Balephi RM-5 (2020/11/4)	<ul style="list-style-type: none"> Discussion with PAFs and Local people for smooth continuation of construction activities in AP 21A/0, AP 21B/0, AP22/0 PAFs are demanding for reconstruction of drinking water supply pipe in AP 22/0 	7	1	8	
16.	Balephi-6 (2020/12/27)	<ul style="list-style-type: none"> Consultation with ward chairperson for AP19/,AP20/0 and AP20A/0 construction works plan and Tree cutting Procedure 	4	0	4	
Total			266	30	296	

(Source: Field visit)

4.6 Monitoring Visits and Discussion

The monitoring, supervision and implementation of environmental and social safeguard activities is conducted regularly by ESMU field team. A virtual discussion has been held on 2020/07/24 with ADB officials, ESMU Khadichaur Team and TKTL team leader regarding the provided comments, suggestions and updating of RP of this section. Another virtual discussion regarding Social Safeguard Clinic has been held on 2020/08/18 with ADB officials, ESMU teams and project officials regarding issues and obstacles and current activities status in site. Similarly, ADB NRM ETESIP review mission was conducted virtually on 10/09/2020. The mission mainly discussed about the current status and progress report of the construction activities. The mission also advised the team to focus on compliance and non-compliance status of the project and recommend accordingly. Besides the regular semiannual report, the ESMU team provides the current environmental compliance and non-compliance status along with the proposed recommendation to the mission team, as asked by them.

Besides regular compliance monitoring and supervision by ESMU team in each TL section, a monitoring visit by Team Leader was also made on October 12-14. Team leader participated in the meeting with Division Forest Office, Dolakha staffs regarding the planned programs by the office in Charnawati watershed followed by a consultation with CFUG of Amalekharka CF regarding possible capacity development programs. Also, team leader visited few under construction sites in Barhabise and Thulo Sirubari area.

4.7 Implementation of Mitigation Measures

4.7.1 Material Storage Yards and Workshop

The storage yard and workshop have been set up by contractor (KEC international Limited) at Kiratichhap of Bhimeshwor municipality-5 on a rented land for New Khimti-Barhabise section. Currently, including a security guard there are 5 full time staffs in this section in the storage yard. The storage yard and workshop have been set up by contractor of Barhabise-Changunarayan TL section at Kuntabesi close to Cha Khola at Mandandeupur Municipality of Kavrepalanchowk District approximately 56 km away from Kathmandu and 10 km from Zero Kilo on a rented land. Currently, including a security guard there are 5 full time staffs in the yard.

Similarly, the storage of construction materials at different construction sites are kept adjacent to the site. However, the storage of those materials at each site are satisfactory. However, the contractors are regularly advised for proper storage of these materials at the designated sites. The detail description of the status of construction material on each site is described below:

Table- 5: Status of Storage of Construction Materials at each site

Transmission Line	Construction Material	Storage Type	Condition
New Khimti – Barhabise TL section	Cement	Stored in a temporary hut	Stored in elevated area free from water. Condition was in satisfactory condition
	Sand	Open Storage	Sand stored near the aggregates bordered by the bricks and was in satisfactory condition
	Aggregate	Open storage	Stocked on the construction site in a satisfactory condition .
Barhabise – Changunarayan TL section	Cement	Stored inside the rented houses	Moisture and water proofing were done and the condition was good
	Sand	Open storage	Direct piling on simply labelled land, covering with simple plastics as a water proof layer, bordered by small boulders to restrict foreign material, however not enough separation distance from aggregate, however satisfactory condition
	Aggregate	Open storage	Direct piling on semi-labelled land, no water proof layer however bordered from direct runoff and foreign material, not enough separation distance from sand, however satisfactory condition
	Reinforcement Bars	Open air storage	Storage provided without sufficient clearance from ground, no water proofing layer, not satisfactory condition

(Source: Field visit)

4.7.2 Establishment of Labor Camps/Camp Site Management

New Khimti – Barhabise TL section

In this section, the contractor has rented a house as well as established a temporary labor camp in the sites with basic accommodation including safe drinking water and lighting facility. The 100% (130 out of 130) of labors were found to be local in New Khimti-Barhabise TL section during this monitoring period.

Barhabise - Changunarayan TL section

In Barhabise - Lapsipedi TL section, the contractor (Larsen & Toubro Ltd.) has been advised to make proper arrangements immediately for at least basic accommodation (warm cloths, bed and lodging sets, mosquito nets and insect repellent). Similarly, light/power system and drinking water system seem necessary in labor colony. The contractor has been advised to follow the campsite plan as addressed by them in their approved EHS plan. The indicators were found complied in most of the sections whereas in some sections they were partially complied, the detail summary is presented in Table 8.

The 53.15 % (632 out of 1189) of labors were local in all the sections of transmission line during this monitoring period. The detail employment data record is described below:

Table- 6: Employment Data Record

Reporting month	Reporting station/TL	Total No. of labor	No. of local/Nepali labor				No. of women labor		
			Total	Marginalized labor			Skilled/ Semiskilled	Unskilled	Total
				Skilled	Unskilled	Total			
July-December, 2020	New Khimti – Barhabise section	130	130	20	68	88	0	0	0
	Barhabise – Changunarayan section	1189	632	86	280	366	0	0	0
Total		1319	762	106	348	454	0	0	0
Percentage (%)		100	57.77	8.04	26.38	34.42	0	0	0

(Source: Field data)

4.7.3 Occupational Health and Safety Measures

The PMD has issued and circulated SOP for COVID-19 Risk Management at Work Place on 16th August 2020, both in English and Nepali version to all its associated units and requested to follow the guidelines strictly during construction, compliance monitoring, field visits and all other associated working activities.

New Khimti-Barhabise TL section

The contractor has submitted the EHS plan to NEA including precautions regarding COVID-19 for approval. Health and Safety Officers have been recruited by the contractor for compliance in order to prevent potential harm to labors/staffs during construction activities. Regular instructions in site during construction work regarding Occupational Health and Safety, and use of PPEs are being conducted. The contractor is following the submitted EHS plan though it's under approval process. The construction workers and field staffs have been provided with Personnel Protective Equipment (PPEs) and safety gears like helmet, reflective jacket, facemasks, goggles, and boots etc. Health and Sanitation facilities to the construction workers have been installed and first aid kit box has been arranged in the sites. Also, the labors/staffs have been strictly following the Standard Operation Procedure for COVID-19 during the construction work issued by PMD.

Barhabise-Changunarayan TL section

Health and Safety Officers have been recruited by the contractor for compliance in order to prevent potential harm to labor/ staffs while construction activities and regular trainings about occupational health and safety, use of Personnel Protective Equipment (PPE). The construction workers and field staffs have been provided with PPEs and safety gears like helmet, facemasks, goggles etc. Health and Sanitation to the construction workers have been installed and first aid kit box arranged in the sites. The assigned Health and Safety Officer are in regular monitoring of their TL section. The ESMU team has monitored the sites as per their approved EHS plan and if found non-compliance immediate action has been taken. The site in-charge, H&S officer has been advised to arrange and maintain the compliance as per their plan.

Also, the contractor has been requested to submit the Operational Health and Safety Measures and Plans for the continuation of work to abide the protocols and circulars issued by GoN after the nationwide lockdown since 23 March, 2020 due COVID-19 global pandemic and the

contractor has submitted the Supplementary Health and Safety Plan on account of COVID-19 Pandemic dated 20 July 2020 and is waiting for approval.

No issue/progress has been seen in this reporting period.

The detail safety safeguard compliance status and issues along with corrective actions for the all the sub-projects are presented in **Annex- 6**, and **Annex- 7**.

4.7.4 Slope Stabilization and Bio-engineering work

New Khimti-Barhabise TL section

Precaution and special measures for protection of foundations are needed for towers and poles located in mountainous and rough terrain. Till date, no such issues of slope failures and erosion have seen in the sites and hence slope stabilization and bio-engineering work do not require yet. No issue has been seen in this reporting period.

Barhabise- Changunarayan TL section

The TL passes through private and community land along with public structures and utilities. Similarly, precaution and special measures for protection of foundations are needed for towers and poles located in mountainous and rough terrain. However, very few tower foundations have been constructed so far with zero problem of slope instability the construction of tower foundation protection wall will be started after the completion of all the pits of the specific tower. The construction will be done before labeling of the excavated debris/spoils and erection of the tower. The slope stabilization and tower protection work has been started in few locations to mitigate and control erosion, surface runoff and slope instability. Those construction works are being done after the approval from NEA Project Office on the design and types of walls designed by the contractor in support of their external consultant. During this reporting period the status of the tower protection work is as follows:

Completed: - AP 5A/0, AP 6/0, AP 15/0, AP 16/0, AP 37/0 and AP 40/0

In progress: - AP 30A/0 and AP 30A/2

4.7.5 Debris Management

New Khimti-Barhabise TL section

Debris and spoil due to excavation of tower foundation have been managed in the project areas. The contractor is regularly advised to manage safe spoil dumping site with no adverse environmental impact. The excavated spoil has stored safely near the tower foundation and later used for back filling. Also, the contractor has been advised to put separate bins for degradable garbage, plastic, glass and metal to dispose properly in labor camps. No issue has been seen in this reporting period.

Barhabise-Changunarayan TL section

Debris and spoil due to excavation of tower foundation have been partially managed in the project areas. The contractors are regularly advised to manage safe spoil dumping site with no adverse environmental and social effect. Also, the contractor has been advised to put separate bins for degradable garbage, plastic, glass and metal to dispose properly in labor camps. No issue/progress has been seen in this reporting period.

4.7.6 Drainage Management**New Khimti-Barhabise TL section**

The construction of tower foundation has not affected the natural drainage pattern yet as the work is limited only to forest area. The contractor has been advised to store the excavated earth material without damaging the natural drainage pattern, if any. Also, the contractor has been instructed to manage the solid waste generated within the temporary labor camp site so that it won't stagnant the nearby drainage pattern.

No issue/progress has been made in this reporting period.

Barhabise-Changunarayan TL section

Since the construction of tower foundation has not affected the drainage pattern yet, however, the contractor has been advised to arrange entertainment facility and install waste management facility, barricade (Reflective and hard) the construction site, drainage system, safety sign and restriction zones/compartments etc. promptly when required.

4.7.7 Firewood Use

The construction work has been initiated and the EMSU monitoring team is stationed at respective rented site office houses. Contractors and labors are using liquid petroleum gas (LPG) for cooking purpose. Firewood has not been used.

No issue/progress has been seen in this reporting period.

4.7.8 Safety Gear

The compliance of safety gear or PPE is being monitored as the construction work is progressing. Both the contractors from Barhabise SS and Barhabise – Chanugarayan TL have submitted their approved Environment Health and Safety (EHS) plan which includes health safety as well as PPE requirements whereas the contractor from Lapsipedi SS and Changunarayan SS is in rebidding process. Also, the labors/staffs are following the SOP for COVID-19 during construction work issued by PMD.

Despite the halt in work almost along the whole TL section, construction activities in few locations have been started after the permission from local government agencies with strict precaution and safety measures, maintaining the proper isolation and distances.

No issue/progress has been seen in this reporting period.

4.7.9 Livelihood Restoration and Enhancement

No issue/progress has been seen in this reporting period.

4.7.10 Environmental and Social Awareness

ESSD prepared and installed 60 hoarding boards in TKTL, during the period of April 30, 2019 to May 07, 2019. The board consists of public awareness messages including environmental protection, bio-diversity conservation, health & safety issues, project information and general rules and regulations.

Social Awareness Program has been conducted in 3 different locations, viz: Sanu Palate Barhabise, Ramche, Barhabise and Thulo Sirubari, Chautara, held on 20 and 21 December 2020.

4.7.11 Occupational Safety Training

The occupational safety training has been conducted on 13 October, 2020 and 17 December 2020; among the labors mobilized by the contractor for tower erection in BarhabiseChangunarayan TL section. The training was focused on occupational safety, use of PPEs, safely handling of equipment and other safety measures to be followed during construction activities. The training explained the importance of EHS plan submitted by the contractor and also the SOP guidelines provided by PMD. There were 22 labors and other staffs of contractor and officials from ESMU & TKTL project office. The detail list is presented below in the **Annex- 14**.

4.7.12 Health and Sanitation Program

Similarly, the health and sanitation program has been conducted on 13 October, 2020 and 17 December 2020; among the labors in Barhabise-Changunarayan TL section. The trainer emphasized the training cum orientation program on personal hygiene, sanitation at work place, proper hydration during work, toilet, labor camp and proper diet. Also, the trainer explained about the current global COVID-19 pandemic and its situation in Nepal. She oriented the participants about proper hand washing, social distancing, isolation and other mitigation measures to stay from COVID-19. There were 25 labors and other staffs of contractor and officials from ESMU & TKTL project office. The detail list is presented below in the **Annex- 15**.

4.7.13 Number of Grievances (Documented, resolved and under processing)

The grievances raised on the substation and transmission line are being received and recorded. The GRCs are in the process of formation in local levels, however, the GRC formation progress and recording of grievances has been at hold because of the COVID related lockdown by government with instruction to avoid group meetings and gatherings. From the starting of the project there are in total 43 grievances recorded till this reporting period. Among those recorded grievances 30 grievances are being resolved and remaining 13 are under process. The recorded environmental related grievances are presented below in the table:

Table- 7: List of Grievances and its status

SN	Location	Issues	Recorded (Type/Date)	Action
Tamakoshi-Kathmandu 220/400kV Transmission Line Project (TKTLP) – ETESIP				
New Khimti – Barhabise TL section				
1.				No issues have been raised during this reporting period
Barhabise – Changunarayan TL section				

1.	TL section, Thulo Sirubari	Request for additional support projects	Written (2019/05/14) Verbal Follow up (2019/07/02, 2019/08/05 & 2020/03/18)	<i>UNDER PROCESS.</i> ESSD has completed the survey and design estimate, however due to high budget there is a need for further discussion with PAFs. The PAFs, in presence of GRC members are ready to negotiate but the final decision was pending, due to CORONA LOCKDOWN. Further consultation has been held (2020/07/15) and the PAFs are ready to contribute and construct those subprojects on mutual sharing, however the exact modality was yet to be finalized. The next consultation held on 2020/07/19 has made an agreement that the construction will be conducted by PAFs relevant user committee of the requested sub-projects in supervision of Ward Office and the project will provide the requested required materials without exceeding previous agreed budget allocation. The Project is waiting for the recommendation letter and the request letter stating the list of items with their quality and quantity based on detail design estimate of the sub-project.
SN	Location	Issues	Recorded (Type/Date)	Action
2.	Mandan Deupur-10, Kavrepalanchowk	Support for construction of distribution line of drinking water supply in Tamang basti, Yonjan Tole, Mandan Deupur - 10 (18HH /115HH members)	Written (2020/03/31)	<i>UNDER PROCESS.</i> Further discussion with Ward chairperson was needed and schedule was fixed for discussion. After discussion with ward chairperson (2020/07/16), it has been agreed that the Ward Office will provide the recommendation letter along with the request letter stating the list of items with their quality and quantity for the construction of the sub-projects without exceeding previous agreed budget allocation and the construction will be conducted by the PAFs respective project user committee in supervision and coordination from Ward Office. The Project is waiting for the required letters.
3.	AP 15/0, Balephi-07	Construction of wall for widening of road adjacent to pit D of AP 15/0	Ward Chairperson/Verbal/ 2020/08/12	SOLVED. The PO has addressed the issue.
4.	AP15/0, Balephi7	Request for gabion wall outside the acquired land adjacent to pit B in AP15/0 to control soil erosion and protection of house	Dilli Ram Parajuli, Matrika Parajuli, Kabita Parajuli/ Written /2020/08/13	SOLVED. The PO has addressed the issue and satisfied the PAFs.
5.	Mandan Deupur-8	Dust flown due to excessive flow of vehicle to store house	PAFs/Written 2020/11/10	SOLVED. Regular sprinkling of water in the dusty road.

(Source: Field visit)

The brief summary of the environmental compliance monitoring is presented below in **Table 8**.

Table- 8: Brief Summary on Status of Environmental Compliance Monitoring

SN	Monitoring Indicators	Status	Action Taken	Recommendation
1	Assurance of EHS Plan submitted by Contractor (L&T- Package II, Waiting for approval for KEC, Package I)			
	Assignment of Health and Safety Officer	<ul style="list-style-type: none"> Appointed H&S Officer (Complied) and regular site visit has been started (Complied) Submitted updated EHS plan incorporating SOP guidelines by contractor to Project Office for approval 	<ul style="list-style-type: none"> Advised to be in regular touch with ESMU team Advised for the rotational field visit, in all the working sites Keep an updated accidental record, EHS and Campsite management report, follow EHS plan and SOP guidelines strictly Advised to prepared Updated EHS incorporating circulated SOP ASAP 	<ul style="list-style-type: none"> Contractor should provide the full detail information of the H&S Officer prior to his assignment to ESSD or ESMU team Contractor should develop a provision for H&S Officer to be accountable to ESSD/ESMU team Contractor should update the information and related reports to the ESMU team every month A copy of updated EHS plan should be provided to ESMU team soon after the approval
	Occupational Health & Hygiene Inspection	Complied	<ul style="list-style-type: none"> Contractor has been advised to follow the plan strictly Advised for the measurement of body temperature before starting work every morning of all manpower Maintain enough social distancing 	
	Health Campaign	Complied		<ul style="list-style-type: none"> Contractor should inform about the program in advance to ESMU team
	First aid box	Installed & Complied	<ul style="list-style-type: none"> Regular monitoring during site visit and the contractor is advised to keep all the necessary medicines and refill when used Advised to contact the nearby medical house for prompt response in case of accident Also advised to keep the ambulance standby, however the contractor are using their own vehicle if incase needed 	

	Use of PPE	Complied	<ul style="list-style-type: none"> Advised contractor to provide PPE to all the staffs and labors before entering the working site Had been strictly advised "NO PPE NO ENTRY" Verbal warning was given to petty contractor, site in-charge of lead contractor if misuse and absence of use of PPE in site during monitoring was found by ESMU team several times in different locations Information has been shared to Project team during site visit 	<ul style="list-style-type: none"> Contractor should provide enough PPE sets in each location and should also advised their petty contractors to provide PPE to all the labors. Payment should be halted of petty contractors by contractors and lead contractor by project Office, in recommendation of ESMU teams in case of misuse, and absence of use of PPE in site
2	Assurance of Campsite Management Plan (Included in the approved EHS plan, section 14.10 of L&T)			

SN	Monitoring Indicators	Status	Action Taken	Recommendation
	Weekly Inspection	Complied	<ul style="list-style-type: none"> Advised site in-charge for regular inspection 	
	Supply of Drinking water	Complied		
	Toilet	Satisfactory	<ul style="list-style-type: none"> Advised site in-charge to provide mobile toilet facility, so that the labor can transfer in different construction site Advised site in-charge to arrange proper toilet facility in the temporary labor camp, however most of the labor camps are in the rented house after COVID-19 	<ul style="list-style-type: none"> Project office should enforce contractor to provide mobile toilets for the temporary labor camps
	Disposal of waste materials	Partially complied	<ul style="list-style-type: none"> Advised site in-charge for regular inspection and provide proper orientation to labor on waste management Prohibited labors to throw kitchen garbage and other waste materials unattended 	<ul style="list-style-type: none"> Project office should enforce contractor to provide bins for waste collection and proper disposal
	Washing facilities	Complied		
	Pest control and insect repellent	Partially complied	<ul style="list-style-type: none"> Advised site in-charge to provide mosquito nets 	
	Adequate fire fighting	Not complied	<ul style="list-style-type: none"> Advised site in-charge to provide fire extinguisher 	

	Use of LPG	Complied		
	Firewood	Not used/Nil	<ul style="list-style-type: none"> Prohibited to use forest woods 	
	Bed sheets and mattress	Partially Complied		
	Camps	Complied	<ul style="list-style-type: none"> Advised to provide water proof, leak proof camps, however most of the labors are stationed in nearby rented house after COVID-19 	
3	Labor			
	Use of Local Labor	57.77% till this reporting period (Marginalized- 34.42%, Skilled- 8.04% & Unskilled- 26.38%)	<ul style="list-style-type: none"> Advised contractor to prioritize local labors for construction activities 	
	Women labor	Nil	<ul style="list-style-type: none"> Advised contractor to engage female labors too, however most female in current working sections are not interested to join the labor work 	
	Child Labor	Nil	<ul style="list-style-type: none"> Prohibited contractor in using child labor 	
4	Tower Foundation and Erection			
	Procedural Guideline	Prepared and complied	<ul style="list-style-type: none"> Advised contractor and petty contractors to follow the guidelines strictly 	<ul style="list-style-type: none"> Contractor should provide the approved Procedural Guideline to ESMU team soon after the approval Payment should be halted of petty contractors by contractors and lead contractor by project Office, in

SN	Monitoring Indicators	Status	Action Taken	Recommendation
				recommendation of ESMU teams incase found not following the guideline and working haphazardly
	Barricading of the area	Partially Complied (70%)	<ul style="list-style-type: none"> Advised contractor to barricade the area properly before starting of excavation and other construction activities 	<ul style="list-style-type: none"> Payment should be halted of petty contractors by contractors in recommendation of ESMU teams

Construction Signboards	Not Complied	<ul style="list-style-type: none"> Advised contractor several times to keep proper signboards indicating construction activities going on in each location Shared information along with the project team too and even they have advised contractor several times to keep proper signboards prior to construction activities 	<ul style="list-style-type: none"> Project should not allow to start the construction activities without proper barricading and proper signboard installed in the proposed construction site
Safety Instruction Board	50%, Complied only during erection	<ul style="list-style-type: none"> Advised contractor to provide safety training, instruction on each site before initiation of construction activities 	<ul style="list-style-type: none"> Project should not allow to start the construction activities without proper safety instruction each morning in the proposed construction site
Stacking of construction materials	Partially Complied (Cements and other equipment are stored renting a house in most of the site, whereas other aggregates, sand and reinforcement bars are kept in open air)	<ul style="list-style-type: none"> Advised contractor to stack the material with proper coverage, protection and maintaining the distance from the excavated pit Advised site in-charge to check the condition of materials before using those materials Advised site in-charge not to provide and supply materials from the company warehouse if the petty contractor is missing the proper maintenance and proper stacking of materials in the field/site 	
Inspection of excavated pit	Complied	<ul style="list-style-type: none"> Advised contractor to inspect the pit before concreting and other works Advised contractor to inform project technical team for inspection before concreting and other works Advised contractor to stop the further works in case of sliding, water sprouting before mitigating those hazards 	
Placing of concreting mixer	Partially Complied	<ul style="list-style-type: none"> Advised contractor not to keep those machines near the pit and use proper canal to transfer the concreting mixture 	
Lone worker	Restricted to enter alone, Complied	<ul style="list-style-type: none"> Advised contractor not to entertain lone workers in the excavated pit 	

SN	Monitoring Indicators	Status	Action Taken	Recommendation
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	Spoils	Partially managed	<ul style="list-style-type: none"> Advised contractor for safe dumping of spoils and use the same material for backfilling Advised contractor to provide spoil management plan in the sensitize site Advised contractor to use hard barrier to stop slipping/flowing of excavated material 	<ul style="list-style-type: none"> It is hard to maintain the erosion and slipping of spoils in the hilly terrain thus the contractor should provide the spoil management plan of each sensitize site before excavation work.
	Lunch and refreshment breaks	Partially Complied	<ul style="list-style-type: none"> Advised contractor to give proper breaks to labors during construction works Advised contractor to provide/construct proper well sanitized toilets in each site 	<ul style="list-style-type: none"> Contractor should provide mobile toilets in each site wherever necessary
5	Vegetation Clearance	<ul style="list-style-type: none"> Tree enumeration completed (Total trees 35231, however will be felled only the needed one, thus the number is expected to be reduced) Tree marking, hammer seal in process Tree felled in 19 location (total 1399 trees) 	<ul style="list-style-type: none"> Supported project team and contractor to speed up the tree marking process, meeting with DFO and CFUGs As per the information provided by the respective project officer, Project Office has done an agreement with ministry to provide funds in three installments for compensatory plantation 	<ul style="list-style-type: none"> Contractor should share the detail tree enumeration, marking database location wise to ESMU team too.
6	Public Consultation	Complied (mostly verbally, though PAFs are happy with the compensation rate, they are unwilling to sign minutes as their high demand and expectation are not fulfilled, however photo of each meetings is being captured and included in the respective months report)	<ul style="list-style-type: none"> consultation since July 2020- 58 (total participant- 567, M- 502, F- 65) Regularly conducted following SOP guideline Telephonic discussion when needed 	<ul style="list-style-type: none"> It seemed all of the public consultation meeting should not be minute as the local's expectation and demands are beyond the project scope and once the minuting is done, they started halting the work demanding those demanded projects to be completed first. Eg. Demand of swimming pool in Barhabise substation, drinking water lifting project Some demands are beyond the project scope eg. Subgrading and black topping of rural road, cabling of distribution system
7	GRC formation	Complied	<ul style="list-style-type: none"> 86.36% (19 out of 22 formed) in Barhabise-Kathmandu TL section Letter dispatched in almost all the respective wards and municipalities 	
8	Impacts and Safety Measures for COVID-19			

	Opening of Contractor's Office	Complied	<ul style="list-style-type: none"> Contractors are advised to follow the SOP strictly Regular cleaning and sanitizing, installation of hand washing and sanitizing stations along with pictures & signs 	<ul style="list-style-type: none"> Contractors a
SN	Monitoring Indicators	Status	Action Taken	Recommendation
			<ul style="list-style-type: none"> Maintain distancing, body temperature screening, avoiding handshakes, hugging or any physical contact Always wear mask, isolation of person with symptoms 	
	Resuming work in the field	Complied	<ul style="list-style-type: none"> Barricading of the worksite, maintain record of the workers, installation of hand washing station Labor screening, COVID-19 test, regular medical checkup, daily body temperature measurement before work Avoid crowding and use of PPEs Minimize workers movement outside the camp, manage proper condition for workers accommodation Well ventilated and cleaned kitchen and toilet 	
	Emergency Protocols	Complied	<ul style="list-style-type: none"> Establish medical center with immediate access of Health worker and regular health checkup Establish mandatory health screening of all staffs and labors Establish enough number of quarantine and isolation shelters Establish dedicated vehicle for emergency 	
	SOP Implementation, Monitoring and Reporting	Complied	<ul style="list-style-type: none"> Established immediate access of certified health worker, assigned EHSO Maintained SOP compliance monitoring checklist and health screening register Regular inspection 	
	Awareness and Training	Complied	<ul style="list-style-type: none"> EHSO regular field inspection and awareness program 	ESMU team also conducted Health and sanitation Programs and public awareness campaign

5.0 Automated Safeguard Monitoring (ASM) System

ASM System has been recently customized. The safeguard implementation performances of the project have been collected from the field level safeguard team and uploaded in the automated system quarterly. For the regular input in the application the safeguard unit and the field level team will be oriented with the automated application. The details are presented below in **Annex-8, Annex- 9** and **Annex- 10**.

6.0 Safety Assurance as per the Contractor's Safety Plan

In New Khimti- Barhabise section, the contractor has submitted EHS plan incorporating safety plans for COVID-19 during construction work. The contractor is following the EHS plan during construction though the EHS plan is on approval process. Similarly, in Barhabise-Changunarayan section, the contractor has been asked to submit the updated EHS plan incorporating the government guidelines, protocols and regulations in context of COVID-19 Pandemic. The contractor has submitted the draft and is waiting for approval. The objectives of the contractor's safety plan are as follow:

- To identify certain critical activities, assess the risk associated therein and suggest precautionary measures to avoid accidents
- To integrate Health, Safety and Environmentally friendly work practice
- To create EHS awareness to every individual associated with the project
- To provide the necessary EHS inputs
- To formulate and effectively maintain the accident prevention program of the project
- To achieve the prime objective of **"ZERO ACCIDENT"**

The contractor is committed to above mentioned objectives and in achieving the EHS performance standards by implementing and obeying following policies

- Compliance with applicable organizations Environmental, Occupational Health and Safety policies, guidelines and regulations
- Providing safe and healthy environment to all the staffs and labors being employed
- Establishing proper procedures in recognizing, implementing, maintaining, evaluating and monitoring EHS performances
- Continual improvement and periodical review of EHS performances and guidelines
- Providing appropriate health and safety training and awareness

7.0 Impact and Safety Measures for COVID-19

The COVID-19, a disease caused by a new strain of coronavirus linked with the same family of Severe Acute Respiratory Syndrome (SARS) (WHO, 2019), started as a global pandemic since the beginning of year 2020. The outbreak has almost spread all over the world impacting the daily life and other activities. Under the coordination of honorable deputy prime minister and defense minister a high-level coordination committee for COVID-19 prevention and control was formed in Nepal on 1st March 2020, which was restructured as the Corona Crisis Management Centre (CCMC). The incident command system of MoHP has been activated for COVID-19 response and the GoN decided to lockdown the country effective from 24th March 2020 to spread and control the probable severe situation of COVID-19. The lockdown was extended several times and finally the GoN decided to ease the lockdown adopting the phased based approach from 12th June 2020. Apart from this, the GoN had also decided to progressively resume the construction activities in important projects from 2nd April 202, ascertaining a list of mandatory preventive measures from COVID-19 infection.

Similar to many other projects, the implementation of TKTLP has also been affected due to COVID-19 especially in the field which includes construction activities, public consultation, GRC formation, GRC meetings, compensation distribution, CDC meetings, letter issuance from governmental bodies, tree marking/hammer seal, tree cutting, etc. Although the progress had been halted to some extent, the virtual consultation meetings had been conducted and the construction activities in few locations as been initiated and progressed accordingly with the support and permission from local government bodies and District Administration Office. All those activities had been carried out taking safety precautions, using PPEs, maintaining social distance and following the Standard Operating procedure. The following procedures are followed during the COVID-19 at project sites.

Procedures:

- i. Opening of Contractor's Office
 - Cleaning, sanitizing and disinfecting before opening office
 - Installation of hand washing and sanitizing station, informative posters
 - Health screening, body temperature measurement of all the staffs
 - Arrange workstation maintaining proper physical distancing
 - Minimizing face to face meetings, avoiding hugging, handshakes & social gathering
 - Frequent hand washing and use of sanitizer and mandatory use of mask
 - Avoid touching eyes, noses, mouth with hands, sharing water bottles, coffee mug
 - Cover mouth, nose with tissues or elbow while coughing or sneezing
 - Providing hot water frequently
 - Immediate isolation of staff with cold and cough symptoms, information sharing with other staffs and immediate access to health worker
- ii. Resuming of work in construction sites
 - Barricading of construction site, entry allowed only of authorized person
 - Labor health screening, regular medical checkup, COVID-19 test & record keeping
 - Thermal screening, use of PPEs, mandatory use of face mask
 - Installation of hand washing station, cleaned toilets, proper drinking/hot water
 - Establishment of medical center with immediate access to health worker
 - Prohibit consumption of liquor and other tobacco related products
 - Avoid manual handling of the material, disinfect before handling
 - Minimize workers movement outside the camp and restrict outsiders to enter
 - Keep accommodation area clean, well-drained, dry, ventilated and hygienic
 - Emergency procedure and immediate contact to medical center in case of any symptoms
- iii. Emergency Protocols
 - Establish medical center with immediate access to certified health worker, arrange dedicated vehicle
 - Supply medical PPEs to health worker, guards and waste handling staffs
 - Enough number of clean and well ventilated isolation and quarantine shelters being established
 - Tracing of all the persons in contact with the sick person and keep them quarantined
- iv. SOP Implementation, Monitoring and Reporting
 - Assignment of ESHO, certified health worker and conduct regular inspection
 - Prepare standard SOP compliance monitoring checklist and health screening register
- v. Awareness and Training

- Conduct regular awareness program on Health and Sanitation, Personal hygiene
- Daily program on personal and occupational safety before initiation of work
- Distribution of pamphlets and posters

8.0 Issues and Follow up Actions

The table below shows the main environmental issues and follow up actions for the effective implementation of environmental safeguard measures.

Table- 9: Major Issues and Follow up actions

SN	Major Issues	Action Taken
1.	Temporary labor camp improvement	Contractor, safety officer has been advised to take action for proper management of toilet, drinking water supply, mosquito nets and insect repellent
2.	Use of PPEs	Contractor has been advised to provide enough PPEs to the labors and all labors/staffs are instructed to use PPEs in site
3.	Proper management of excavated materials/spoils dumping	Contractor and sub-contractors have been regularly advised to prevent spoils leakage, haphazard dumping and excavation without proper precautions.
4.	Safe tipping site	Contractor has been advised to manage safe tipping site
5.	Noise Pollution	Contractor has been advised not to work at night producing noise
6.	OHS plan to abide the Protocols and Circulars issued by GoN to safeguard workers/direct stakeholders from the virulence of COVID-19 pandemic	The contractor has prepared, updated and submitted the Operational Health and Safety Measures, and is waiting for the approval.
7.	Following of SOP for COVID-19	All the labors/staffs are advised to follow the SOP for COVID-19 issued and circulated by PMD during construction work.

(Source: Field visit)

9.0 Achievement on Major Items of Focus on Previous Report

The detail status of the items and activities focused in previous report are presented in the table below along with the suggested corrective actions.

Table- 10: Achievement on Major Items of Focus on Previous Report

SN	Location	Item of Focus	Status	Description	Corrective action plan
Tamakoshi-Kathmandu 220/400kV Transmission Line Project (TKTLP) – ETESIP					
1.	New Khimti – Barhabise TL section	Consultation meeting with contractor, PAFs, and project authorities as per requirement	Ongoing		
		Regular monitoring on Environmental safeguard, OSH of labors and labor camp management compliance monitoring	Ongoing		
		Formation of GRCs and record of grievances	Ongoing		
2.	Barhabise – Changunarayan TL section	Consultation meeting with PAFs, contractors, community and project authorities whenever wherever required	Ongoing		

		Monitoring of environmental components regarding landslide, debris fall, soil loss, health and safety of labors, sanitation, PPE, first aid and labor site conditions etc	Ongoing		
		Compliance monitoring	Ongoing		
		Follow-up & Formation of GRC in the areas where the letter has already been dispatched	Ongoing		

10.0 Proposed Major Item of Focus for Next Report

The following activities are proposed for the next month monitoring in the project sites:

Table- 11: Major Items of Focus for Next Report

SN	Location	Activities
Tamakoshi-Kathmandu 220/400kV Transmission Line Project (TKTLP) – ETESIP		
1.	New Khimti – Barhabise TL section	<ul style="list-style-type: none"> • Handover of felled trees of tower pads to respective CFUG • Formation of GRCs in Bhimeshwor Municipality Ward no. 8, 9, Melung Rural Municipality Ward no. 2, 3 and Shailung Rural Municipality -7 • Consultation meeting with contractors and project authorities whenever required • RP update • Safeguard compliance monitoring • Compensation distribution to PAFs
2.	Barhabise – Changunarayan TL section	<ul style="list-style-type: none"> • Consultation meeting with PAFs, contractors, community and project authorities whenever required • Monitoring of environmental components regarding landslide, debris fall, soil loss, health and safety of labors, sanitation, PPE, first aid and labor site conditions etc • Compliance monitoring • Follow-up on Operational Health and Safety Measures • Follow-up & Formation of GRC in the areas where the letter has already been dispatched (Shankarapur Municipality, ward no-5, Changunarayan Municipality, ward no 6, Mandan Deupur Municipality wards) • Speeding up the tree cutting process in coordination with respective Division Forest Office

ANNEXES

Annex- 1 Regulatory Compliance Requirements

SN	Legal Requirements	Applicable Attributes	Project's Compliance Status
1.	Forest Act 1993	<ul style="list-style-type: none"> This act is applicable when a project requires a national forest area. Prior approval has to be received before the construction of the project. In addition to this it provides insights on prohibitive activities 	<ul style="list-style-type: none"> Cabinet and DoF has approved and granted permission for tree cutting and the letter has been dispatched to respective DFOs. Tree cutting approval has granted in Dolakha, Sindhupalchowk and Kavrepalanchowk from respective DFOs.
2.	Plant protection Act 1973	<ul style="list-style-type: none"> This act lists protected plant species name which needs to be protected during any intervention work in forest areas 	<ul style="list-style-type: none"> No such protected plant species has been cut.
3.	Forest Rules 1995	<ul style="list-style-type: none"> Government has enlisted 13 plant species in protection list of which it has banned felling, transportation and export of tree species Provides procedure of marking trees, measuring timber, and firewood and calculating their volume, determination of value and transportation of timber 	<ul style="list-style-type: none"> Agreement for compensatory plantation has been done with Department of Forest and Soil Conservation Fund has been released for felled trees in respective DFO
4.	Then Environmental Protection Act, 1997	<ul style="list-style-type: none"> This Act provides details of compensation in section 17 of the act in case of not abiding by the rules of the acts. Also it directs a compensatory ratio of 1:25 for trees to be felled 	<ul style="list-style-type: none"> IEE done accordingly
5.	EPA, 2019 and EPR, 2020 has repealed EPA, 1996 and EPR, 1997 respectively	<ul style="list-style-type: none"> This Act provides details of compensation in section 35 of the act in case of not abiding by the rules of the acts. Also it directs a compensatory ratio of 1:10 for trees to be felled. 	<ul style="list-style-type: none"> Incorporated the latest EPA rules and guidelines
6.	Use of National Forest area for National Priority Projects 2076 BS	<ul style="list-style-type: none"> Requirement of IEE along with mitigation measures in EMP for utilization of National Forest area Permission letter from DoF, CFUG Provision for providing compensatory land, compensatory plantation at the ratio of 1:10 and protection cost for five years or enough fund as per CPP incorporating all those activities 	<ul style="list-style-type: none"> IEE completed before initiation of project Permission and approval of tree cutting from cabinet and DoF obtained
7.	Bill for construction and development of National Priority Projects in Fast track, 2075	<ul style="list-style-type: none"> Preparation of report in coordination with respective forest office incorporating tree enumeration list to be cut during construction National Priority projects Responsibility for compensatory plantation and its protection cost for five years or equivalent fund to respective forest office Hammer seal process before tree cutting, stacking and handing over Conducting IEE before initiation of project, consultation with environmental experts and environmental protection and bioengineering during construction phase 	<ul style="list-style-type: none"> IEE completed before initiation of project Permission and approval of tree cutting from cabinet and DoF obtained Environmental expert consultation and environmental team in field

Annex- 2 Environmental Compliance Status with Loan and Grant Covenants

Schedule	Para No	Description	Compliance Status	Type	Responsibility
5	17	The Beneficiary shall ensure, and cause of NEA to ensure that preparation, design, construction, implementation, operation and decommissioning of the project, the subprojects and all project facilities comply with (a) all applicable laws and regulations of the beneficiary relating to environment, health and safety; (b) the Environmental Safeguards; and (c) all measures and requirements set forth in the IEE, the EMP and any corrective of preventative actions set forth in a Safeguards Monitoring report.	Complied with:		NEA, Contractor
5	18	The Beneficiary's environmental laws, regulations and procedures shall apply in addition to the Safeguards Policy Statement. The Beneficiary shall ensure through NEA that no construction work of any kind under the project (including any subprojects) shall be commenced until all applicable environmental clearances have been obtained and that all the above requirements are incorporated in the bidding documents and civil works contracts to ensure compliance.	Complied with:		NEA
5	19	The Beneficiary shall ensure, or cause NEA to ensure that all the land and all rights of way required for the subproject are made available to the works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (a) all applicable laws and regulations of the beneficiary relating to the land acquisition and involuntary resettlement; (b) the Involuntary Resettlement Safeguards; and (c) all the measures and requirements set forth in the relevant RP, and any corrective or preventive measures set forth in a Safeguards Monitoring report.	Complied with:		NEA
5	20	Without limiting the applicable of the Involuntary Resettlement Safeguards or the relevant RP, the Beneficiary shall ensure or case of NEA to ensure that no physical or economic displacement takes place in connection with the subprojects until: (a) compensation and other entitlements have been provided to the affected people in accordance with RP; and (b) a comprehensive income and livelihood restoration program have been established, where relevant, commensurate with the size, scale and significance of the project impacts, in accordance with RP	Complied with:		NEA

5	21	The Beneficiary shall ensure that the Project does not have any impact on Indigenous Peoples within the meaning of the Safeguard Policy Statement. In the event that the Project does not have any such impact, the Beneficiary shall ensure or case of NEA to ensure that preparation, design construction, implementation and operation of the relevant Subprojects comply with (a) all applicable laws and regulations of the Beneficiary relating to Indigenous peoples;(b) the Indigenous Peoples	Complied with:		NEA
		Safeguards; and (c) any corrective of preventative actions set forth in a safeguards Monitoring Report. Where impacts on IPs groups are identified a foreseen during the planning, preparation or construction phases of the project development, an IPP will be prepared, implemented and monitored in alignment with the SPS and the requirements set forth in PAM			
5	22	The Government shall make available or case of NEA to make available necessary budgetary and human resources to fully implement the EMP and RPs.	Complied with:		NEA
5	23	The Beneficiary and NEA shall ensure that Works contracts and bidding documents under the project include specific provisions requiring contractors to comply with all (a) applicable labor laws and core labor standards on (i) prohibition of child labor as defined in national legislation for construction and maintenance activities,(ii) equal pay for equal works of equal value regardless of gender ,ethnicity, or caste and (iii) elimination of forced labor, and (b) the requirement to disseminate information on sexually transmitted diseases including HIV/AIDS to employees and communities surrounding the Facility sites. Such contracts shall also include clauses of termination by NEA in case of any breach of the stated provisions by the contractors.	Complied with:		NEA
5	24	The Beneficiary shall ensure that NEA implements the GESI in a timely manner over the entire project implementation period, and that adequate resources are allocated for this purpose. In particular, the Beneficiary and NEA shall ensure that the targets stated in the GESI are achieved. NEA shall conduct training on GESI implementation for all staff involved in the project. The Beneficiary and NEA shall ensure that implementation of GESI is closely monitored, and progress is prepared to ADB in accordance with GESI and the PAM	Complied with:		NEA

Annex-3 Compliance Status in terms of General Conditions of Contract Clauses

Contract Clause	Sub-Clause	Specification	TKTL
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			Current Status	Action Taken By
Volume-1, Section-7, General Conditions of Contract				
22.2 Labor	22.2.1 Engagement of Staff and Labor	a. Except as otherwise stated in the specification, the Contractor shall make arrangements for the engagement of all staff and labor, local or otherwise, and for their payment, housing, feeding and transport.	Complied with:	
		b. The Contractor shall provide and employ on the Site in the installation of the Facilities such skilled, semi-skilled and unskilled labor as necessary for the proper and timely execution of the Contract. The Contractor is encouraged to use local labor that has the necessary skills.	Complied with:	
		c. The Contractor shall be responsible for obtaining all necessary permit (s) and/or visa (s) from the appropriate authorities for the entry of all labor and personnel to be employed on the Site into the country where the site is located. The employer will, if requested by the Contractor, use his best endeavors in a timely and expeditious manner to assist the Contractor in obtaining any local, state, and national or government permission required for bringing in the Contractor's personnel.	Complied with:	
		d. The Contractor shall at its own expense provide the means of repatriation to all of its and its sub contractor's personnel employed on the Contract at the Site to the place where they were recruited or to their domicile. It shall also provide suitable temporary maintenance of all such persons from the cessation of their employment on the Contract to the date programmed for their departure. In the event that the Contractor defaults in providing such means of transportation and temporary maintenance, the Employer may provide the same to such personnel and recover the cost of doing so from the Contractor.	Complied with:	
	22.2.2 Person in the Service of Employer	The contractor shall not recruit, or attempt to recruit, staff and labor from amongst the Employer's Personnel.	Complied with:	
	22.2.3 Labor Laws	a. The Contractor shall comply with all the relevant labor Laws applicable to the Contractor's Personnel, including Laws relating to their employment, health, safety, welfare, immigration and emigration, and shall allow them all their legal rights.	Complied with:	
		b. The contractors shall, in all times during the progress of the Contract use its best endeavors to prevent any unlawful, riotous or disorderly conduct or behavior by or amongst its employees and the labor of its Subcontractors.	Complied with:	
		c. The Contractor shall, in all dealings with its labor and the connected with the Contract, pay due regard to all recognized festivals, official holidays,	Complied with:	

		religious or other customs and all local laws and regulations pertaining to the employment of labor.		
	22.2.4 Rates of Wages and	a. The contractor shall pay rates of wages and observe conditions of labor, which are not lower than those established for the trade or industry where the	Complied with:	

Contract Clause	Sub-Clause	Specification	TKTL	
			Current Status	Action Taken By
Volume-1, Section-7, General Conditions of Contract				
	Condition of Labor	work is carried out. If no established rates or conditions are applicable, the Contractor shall pay rates of wages and observe conditions which are not lower than the general level of wages and conditions observed locally by employers whose trade or industry is similar to that of the Contractor.		
		b. The Contractor shall inform the Contractor's Personnel about their liability to pay personal income taxes in the Country in respect of such of their salaries, wages and allowances as are chargeable under the Laws for the time being in force, and the Contractor shall perform such duties in regard to such deductions thereof as may be imposed on him by such laws.	Complied with:	
	22.2.5 Working Hours	a. No work shall be carried out on the Site on locally recognized days of rest, or outside the normal working hours stated in the SCC, unless i. Otherwise stated in the Contract, ii. The Project Manager gives consent, or, iii. The work is unavoidable or necessary for the protection of life or property or for the safety or the Works, in which case the Contractor shall immediately advise the Project Manager	Complied with:	
		b. If and when the contractor considers it necessary to carry out work at night or on public holidays so as to meet the Time for Completion and requests the Project Manager's consent thereto the Project Manager shall not unreasonably without such consent.	Complied with:	
		c. This Sub-Clause shall not apply to any work which is customarily carried out by rotary or double-shifts.	Complied with:	
	22.2.6 Facilities for the Staffs and Labor	a. Except as otherwise stated in the Specification, the Contractor shall provide and maintain all necessary accommodation and welfare facilities for the Contractor's Personnel. The Contractor shall also provide facilities for the Employer's Personnel as stated in the Specification.	Complied with:	
		b. The Contractor shall not permit any of the Contractor's Personnel to maintain any temporary or permanent living quarters within the structures forming part of the Permanent Works.	Complied with:	

	22.2.7 Health and Safety	a. The Contractor shall at all times take all reasonable precautions to maintain the health and safety of the Contractor's Personnel. In collaboration with local health authorities, the Contractor shall ensure that medical staff, first aid facilities, sick bay and ambulance service are available at all times at the Site and at any accommodation for Contractors and Employer's Personnel and that suitable arrangements are made for all necessary welfare and hygiene requirements and for the prevention of epidemics.	Partially Complied with: Although the first aid kit has been provided it need to be replaced if losses, broken or medicine are expired	The contractor needs to ensure the availability of properly dated medicine in safety box.
		b. The Contractor shall appoint an accident prevention officer at the site, responsible for maintaining safety and protection against accidents. This person shall be qualified for this responsibility, and shall have the authority to issue instructions and take protective measures to prevent accidents.	Complied with:	

Contract Clause	Sub-Clause	Specification	TKTL	
			Current Status	Action Taken By
Volume-1, Section-7, General Conditions of Contract				
		Throughout the performance of the Contract, the Contractor shall provide whatever is required by this person to exercise this responsibility and authority.		
		c. The Contractor shall send, to the Project Manager, details of any accident as soon as practicable after its occurrence. The Contractor shall maintain records and make reports concerning health, safety and welfare of persons, and damage to property, as the Project Manager may reasonably require.	Complied with:	
	22.2.8 Funeral Arrangement	In the event of the death of any of the Contractor's personnel or accompanying members of their families, the Contractor shall be responsible for making the appropriate arrangements for their return or burial, unless otherwise specified in the SCC.	Complied with:	
	22.2.9 Record of the Contractor's Personnel	The Contractor shall keep accurate records of the Contractor's personnel on the Site and the names, ages, genders, hours worked and wages paid to all workers. These records shall be summarized on a monthly basis in a form approved by the Project Manager and shall be available for inspection by the Project Manager. Until the Contractor has completed all work.	Complied with:	
	22.2.10 Supply of Foodstuffs	The Contractor shall arrange for the provision of a sufficient supply of suitable food as may be stated in the Specification at reasonable prices for the Contractor's Personnel for the purposes of or in connection with Contract.	Complied with:	
	22.2.11 Supply of Water	The Contractor shall, having regard to local conditions, provide on the Site an adequate supply of drinking and other water for the use of the Contractor's Personnel.	Complied with:	

	22.2.12 Measures against Insect and Pest Nuisance	The Contractor shall at all times take the necessary precautions to protect the Contractor's Personnel employed on the Site from insect and pest nuisance, and to reduce their danger to health. The Contractor shall comply with all the regulations of the local health authorities, including use of appropriate insecticide.	Complied with:	
	22.2.13 Alcoholic Liquor or Drugs	The Contractor shall not, otherwise than in accordance with the Laws of the Country, import, sell, give barter or otherwise dispose of any alcoholic liquor or drugs, or permit or allow importation, sale, gift barter or disposal by Contractor's Personnel.	Complied with:	
	22.2.14 Arms and Ammunition	The Contractor shall not give, barter or otherwise dispose of, of any person, any arms or ammunition of any kind, or allow Contractor's Personnel to do so.	Complied with:	
	22.2.15 Prohibition of All Forms of Forced or Compulsory Labor	The Contractor shall not employ "forced or compulsory labor" in any form "Forced or compulsory labor" consists of all work or service, not voluntarily performed, that is extracted from an individual under threat of force or penalty.	Complied with:	
Contract Clause	Sub-Clause	Specification	TKTL	
			Current Status	Action Taken By
Volume-1, Section-7, General Conditions of Contract				
	22.2.16 Prohibition or Harmful Child Labor	The Contractor shall not employ any child to perform any work that is economically exploitative, or is likely to be hazardous to, or to interfere with, the child's education, or to be harmful to the child's health or physical, mental, Spiritual, moral, or social development.	Complied with:	
33. Loss of or Damage to Property; Accident or injury to Workers; Indemnification:	33.1	Subject to GCC Sub-Clause 33.3, the Contractor shall indemnify and hold harmless the Employer and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of whatsoever nature, including attorney's fees and expenses, in respect of the death or injury of any person or loss of or damage to any property other than the Facilities whether accepted or not, arising in connection with the supply and installation of the Facilities and by reason of the negligence of the Contractor or its Subcontractors, or their employees, officers or agents, except any injury, death or property damage caused by the negligence of the Employer, its contractors, employees, officers or agents.	Complied with:	
34. Insurance	34.1 (c)Third Party Liability Insurance:	Covering bodily injury or death suffered by third parties including the Employer's personnel, and loss of or damage to property occurring in connection with the supply and installation of the Facilities.	Complied with:	

	34.1 (e) Workers' Compensation:	In accordance with the statutory requirements applicable in any country where the Contract or any part thereof is executed.	Complied with:	
38. War Risks	38.2	Notwithstanding anything contained in the Contract, the Contractor shall have no liability whatsoever for or with respect to a) Destruction of or damage to Facilities, Plant, or any part thereof; b) Destruction of or damage to property of the Employer or any third party; or c) Injury or loss of life If such destruction, damage, injury or loss of life is caused by any War Risks, and the Employer shall indemnify and hold the Contractor harmless from and against any and all claims, liabilities, actions, lawsuits, damages, costs, charges or expenses arising in consequence of or in connection with the same.	Complied with:	

Annex-4: Compliance Status in terms of Special Conditions of Contract Clauses

Contract Clause	Sub-Clause	Specification	TKTL	
			Current Status	Action Taken By
Volume-1, Section-8, Special Conditions of Contract				
22.2 Labor	22.2.1 Engagement of Staff and Labor	a) The Contractor shall comply with (i) the measures and requirements set forth in the resettlement plan to the extent it concerns impacts on affected people during construction; and (ii) any corrective or preventive actions set out in safeguards monitoring reports that the Employer will prepare from time to time to monitor implementation of the resettlement plan. The Contractor shall allocate a budget for compliance with these measures, requirements and actions.	Complied with:	
	22.2.3 Labor Laws	d) The Contractor shall not make employment decisions based upon personal characteristics unrelated to job requirements. The Contractor shall base the employment relationship upon equal opportunity and fair treatment, and shall not discriminate with respect to aspects of the employment relationship, including recruitment and hiring, compensation (including wages and benefits), working conditions and terms of employment or retirement, and discipline. The Contractor shall provide equal wages and benefits to men and women for work of equal value or type.	Complied with:	
	22.2.4 Rates of wages and Conditions of Labor	c) The Contractor shall follow all applicable labor laws of Nepal. The Contractor shall i. Not use children as labor;	Complied with:	

		ii. Follow legally mandated provisions of labor, health, safety, sanitation, and welfare and working conditions; and	Partially Complied with: Contractor was unable to comply with minimum PPE's requirements, timely health checkup, sanitary working environment and their accommodation standards.	Field Safeguard Officers - Contractor was frequently awakened for the issues.
		iii. Take steps to ensure priority employment for female headed households. Breach of these provisions by the Contractor shall cause termination of the contract.	Not Complied with: No any local women labor has shown any interest for work	Contractor was advised to hire local labors, when needed.
	22.2.7 Health and Safety	d) The Contractor shall throughout the contract (including the Defect Liability Period): (i) Conduct Information, Education and Consultation Communication (IEC) campaigns, at least every other month, addressed to all the Site staff and labor (including all the Contractor's employees, all Sub-	Partially Complied with:	The contractors are advised to disseminate information and

Contract Clause	Sub-Clause	Specification	TKTL	
			Current Status	Action Taken By
Volume-1, Section-8, Special Conditions of Contract				
		Contractors and Employer's and Project Manager's' employees, and all truck drivers and crew making deliveries to site for construction activities) and to the immediate local communities, concerning the risks, dangers and impact, and appropriate avoidance behavior with respect to of Sexually Transmitted Diseases (STD)—or Sexually Transmitted Infections (STI) in general and HIV/AIDS in particular;		conduct campaigns.

		(ii) Provide male or female condoms for all Site staff and labor as appropriate; and	Not Complied with:	The contractor should provide male or female condoms for the site staff and labor and same is notified to the contractor.
		(iii) Provide for STI and HIV/AIDS screening, diagnosis, counseling and referral to a dedicated national STI and HIV/AIDS program, (unless otherwise agreed) of all Site staff and labor. The Contractor shall include in the program to be submitted for the execution of the Facilities under Sub-Clause 18.2 an alleviation program for Site staff and labor and their families in respect of Sexually Transmitted Infections (STI) and Sexually Transmitted Diseases (STD) including HIV/AIDS. The STI, STD and HIV/AIDS alleviation program shall indicate when, how and at what cost the Contractor plans to satisfy the requirements of this Sub-Clause and the related specification. For each component, the program shall detail the resources to be provided or utilized and any related sub-contracting proposed. The program shall also include provision of a detailed cost estimate with supporting documentation. Payment to the Contractor for preparation and implementation this program shall not exceed the Provisional Sum dedicated for this purpose.	Partially Complied with:	The contractor are advised to conduct program as per the contract clause.
		(iv) The Contractor shall disseminate information on the risks of socially and sexually transmitted diseases, including HIV/AIDS and malaria, to its employees during Project implementation and shall implement the HIV/AIDS and Human Trafficking Prevention and Sensitization Program among its employees for the duration of the Contract.	Partially Complied with:	The contractor is advised to conduct program as per the contract clause 22.2.7 (iv)
	22.2.16 Prohibition of Harmful Child Labor	"Child" means a child below the statutory minimum age specified under applicable national, provincial or local law of Nepal.	Complied with:	
	46.	• The Contractor shall comply with all applicable national, provincial, and local environmental laws and regulations.	Complied with:	
		• The Contractor shall (a) establish an operational system for managing environmental impacts, (b) carry out all of the monitoring	Complied with:	
Contract Clause	Sub-Clause	Specification	TKTL	
			Current Status	Action Taken By
Volume-1, Section-8, Special Conditions of Contract				

		and mitigation measures set forth in the Initial Environmental Examination (“IEE”) and Environmental Management Plan (“EMP”) and (c) allocate the budget required to ensure that such measures are carried out. The Contractor shall submit semi-annual reports on the carrying out of such measures to the Employer.		
		<ul style="list-style-type: none">• More particularly, the Contractor shall comply with (i) the measures and requirements set forth in the IEE and the EMP and (ii) any corrective or preventative actions set out in safeguards monitoring reports that the Employer will prepare from time to time to monitor implementation of the IEE and the EMP.	Complied with:	
		<ul style="list-style-type: none">• The Contractor shall allocate a budget for compliance with these measures, requirements and actions.	Complied with:	

Annex- 5: Environmental Safeguard Planning Status

S. N.	Name of Project / Subproject	Environmental screening is carried out? Yes or No	Environment category of the project / subproject A/B/C/FI	EIA/IEE/DDR with EMP is prepared Yes/No	ADB approved EIA/IEE with EMP Yes / Under Review / Not Yet Due/Over Due	Government approved EIA/IEE with EMP Yes / Under Review / Not Yet Submitted	Safeguard monitoring and coordination mechanism established Yes/No	GRC is established Yes/No	Automated safeguard monitoring system customized Yes/No	EMP cost in approved document is included in BOQ as an individual item Yes/No	Remarks
1.	New Khimti-Barhabise 220/400 kV TL section	Yes	B	Yes	Yes	Yes	Yes	Yes (4- GRCs formed till this reporting period)	Yes	Yes	
2.	Barhabise-Changunarayan 220/400 kV TL section	Yes	B	Yes	Yes	Yes	Yes	Yes (19- GRCs formed till this reporting period)	Yes	Yes	
Note: EIA- Environmental Impact Assessment; IEE- Initial Environmental Examination; DDR- Due Diligence Report; EMP- Environmental Management Plan; GRC- Grievance Redress Committee; BOQ- Bill of Quantity											

Annex- 6 : Compliance Monitoring Status of Safety Facilities available to Labors

S.N.	Project Components	Availability of Safety Kits						Presence/ Absence Status of Other Facilities			
		Helmet	Boots/Shoes	Gloves	Belts	Glass	Mask	First Aid Kit	Toilet	Drinking Water facility	Child Labor

Tamakoshi – Kathmandu 220/400 kV Transmission Line Project (TKTLP) – ETESIP											
1.	New Khimti-Barhabise 220/400 kV TL section	S	S	S (As per requirement)	NA	NP	S	S	P	S	A
2.	Barhabise- Changunarayan 220/400 kV TL section	S	S	S (Partially complied)	S	NP	S	S	P	S	A
<p>Remarks: Safety shoes/gloves have been provided to the Contractor's personnel; however, they were found to be used partially during the monitoring. NA*- Since, the work has been halted, no workers are present</p> <p>Action: Safety shoes/gloves and mask, glass need to wear during the work time and same is notified during the monitoring to the worker, supervisor of contractor and project too.</p> <p>Note *: S: Satisfactory, NA: Not applicable, U: Unsatisfactory, NP: Not Provided, P: Present, A: Absent</p>											

(Source: Field visit)

Annex-7: Safety Assurance as per the Contractor's Plan

SN	Activity	Current Status	Action Taken By
I. Tamakoshi – Kathmandu 220/400 kV Transmission Line (TKTL) – ETESIP			
1. New Khimti – Barhabise TL section (Package I)			
A. Health Plan			
1.	EHS officer shall conduct safety training programs on different topics on regular basis	Complied with:	
2.	The significance of personal protective equipment shall be impressed up on the workmen and their use ensured by all concerned.	Complied with:	
3.	Safety induction programs shall be conducted for the new workmen and refresher programs for the existing gangs on routine basis.	Complied with:	
4.	In case of accident and emergency, safety personnel and first aider should be responsible for evacuation and first aid treatment	Complied with:	
5.	Safe drinking water facilities with proper storage and kept clean and free from contamination	Complied with:	
6.	Mitigation measures shall be adopted during the work producing 'Criteria Air Pollutants'.	Complied with:	
7.	A record of all hazardous materials will be maintained and updated, EHS officer must train personnel in the use of MSDS ensuring Employees are fully conversant with them.	Complied with:	
8.	Only trained and experienced personnel will be allowed to handle hazardous substance.	Complied with:	
B. Personal Protective Equipment (PPE) “Safety starts with me; I am responsible for safety”			
PPE Matrix			
Activity	Workmen Category	PPEs Recommended	
Entry into work premises	All employees and workers	Safety helmet, safety shoes and Reflective jacket	Complied with:
Excavation and Foundation work	All employees and workers	Gum boots and hand gloves of rubber	Complied with:
Working at height above 1.8 m	All employees and workers	Safety harness	The work has not been started yet.
Tower Erection	Riggers	Hand gloves, double lanyard safety belt	The work has not been started yet.
Stringing	Stringing team	Helmet, boot, gloves and reflective jacket	The work has not been started yet.
DG operators and Noise prone area	Operators	Ear muffler	Complied with:
Scaffolding	Scaffolders	Cotton hand gloves	Not required yet.

Electrical maintenance and repairs	Electricians	HV rubber hand gloves	Complied with:	
Welding and Gas Cutting	Welders and cutters	Leather gloves, apron and face shield with tinted lens	Complied with:	
Shut down of power line	Workmen	Leather gloves, boots, Reflective jacket and Helmet		Not required yet.
Hand tools	Workmen	Safety glasses and gloves	Complied with:	
Power tools	Workmen	Safety glasses and gloves	Complied with:	
Concrete Batching plant	Operators and loaders	Nose mask	Complied with:	
Quarry work	Loaders	Hand gloves, safety shoes	Complied with:	

SN	Activity	Current Status	Action Taken By
C. Checklist for Tower Foundation			
1.	Excavated area will be appropriately identified with signs, warnings and barricades.	Complied with:	
2.	Work area shall be protected from excavated or other materials or equipment that could pose a hazard by falling or rolling into excavated pit. Concrete mixer machine should be placed 5 m away from the excavated pit's edge.	Complied with:	
3.	Rotating parts of the concrete mixer machine should be covered and fenced.	Complied with:	
4.	Connecting chute should be tied and supported properly to avoid its fall at the time of concreting.	Complied with:	
5.	Heavy construction equipment should be kept away from the edge of the pit at least 2 meters.	Complied with:	
6.	The slope or protective system should be constructed sufficiently to accommodate the safe handling of material adjacent to the utility structure.	Complied with:	
7.	A stairway, ladder or ramp shall be used as a means of access or egress in pit excavations that are four feet or more depth.	Complied with:	
8.	Employees are protected from loose soil or rock falling from excavation face.	Complied with:	
9.	Emergency rescue equipment such as a safety harness and line shall be readily available where hazardous atmospheric conditions exist or may reasonably be expected to develop during work in an excavation.	Complied with:	
10.	Gumboots, hand gloves and safety helmet and other safety equipment should be during the work.	Complied with:	
11.	First Aid box, first-aid trained personnel and first aid medicine should be available at site.	Complied with:	
12.	Unauthorized persons should not be allowed to enter in to the hazard zone, keep working area clear from obstruction.	Complied with:	
D. Checklist for Tower Erection			
	<i>The work has not been started yet.</i>		

E. Checklist for Tower Stringing			
The work has not been started yet.			
F. Checklist for General (General points common for all activities during Excavation, Casting of foundation, Erection of tower and stringing of conductor)			
1.	Availability of required quantity of PPEs	Complied with:	
2.	Availability of First Aid box with required medicines and fire extinguishers at site	Partially complied:	The contractor has been advised to make available of a fire extinguisher
3.	Availability of work instruction register at site	Complied with:	
4.	Ensure of labors aware of their job and safety requirements	Complied with:	
5.	Ensure safety personnel and first aider are deployed in the site	Complied with:	
6.	Availability of rescue vehicle to nearby hospital/doctor in case of emergency	Complied with:	
7.	All driver and plant operators are holding valid driving license	Complied with:	
2. Barhabise – Changunarayan TL section (Package II)			
A. Health Plan			

SN	Activity	Current Status	Action Taken By
1.	Occupational Health & Hygiene Inspection, frequency shall be minimum once in a month	Partially Complied with:	Contractor has been advised to follow the plan strictly
2.	Health Campaign, at least once in six months	Complied with:	Contractor has been advised to follow the plan strictly
3.	Drinking water, available in accommodation facilities with clearly marked "Drinking Water Only", have tight fitting lids and be equipped with a tap, kept clean and free of contamination	Complied with:	
4.	Pest Control, EHS engineer disseminated the knowledge of handling, transporting, precautionary measures to be adopted for the chemical	Complied with:	
5.	First Aid, provided in prominent places, evacuation & action plan in case of accident, contingency plan formulated after the mobilization, only first aider will provide the first aid treatment	Complied with:	
6.	Hazardous Materials, information contained in the MSDS shall be incorporated, supervised by a qualified person	Complied with:	
B. Personnel Protective Equipment (PPE) "NO PPE, NO ENTRY"			
	PPE MATRIX	Complied with: (but is not in satisfactory condition, Contractor's H&S Officer has been advised for proper implementation and regulation)	

Activity	Workmen Category	PPEs Recommended		
General-Entry into work premises	All Employees	Safety Helmet & Safety Shoe	Partially Complied with:	
Working at Height/ Tower- More than 2.0 meters	All	Safety belt with Double lanyard	Complied with:	
Involved with cement lime and line mortars	All	Gum Boots & Rubber Hand Gloves	Partially Complied with:	
Breaking of ceramics & Agglomerate materials	Chippers	Eye protection – Clear Goggles	Complied with:	
Welding & Gas Cutting	Welders & Cutters	Leather gloves, Safety shoe, Welding shield with proper number	Complied with:	
Working with slush	Unskilled & Excavation gang	Gum Boots	Complied with:	
Forming and Making shuttering materials	Carpenters and Wood workers	Face shield & Nose mask	Complied with:	
Rebars handling & working	Bar benders	Cotton/Leather Gloves	Complied with:	
Scaffolding	Scaffolders	Cotton hand gloves	Complied with:	
Painting	Painters	Clear goggles		Construction not begun
Rock Drilling	Rock Drillers	Nose mask of appropriate type	Not Complied with:	
Erection	Riggers	Hand gloves, Double Lanyard Safety Belt	Complied with:	

SN	Activity		Current Status	Action Taken By
	DG Operators & Other Noise prone areas	Operators	Ear muff	Complied with:
	Electrical Maintenance & Repairs	Electricians	HV Rubber hand gloves	Construction not begun
	Concrete Batching Plant	Operators & Loaders	Nose mask	Complied with:
	Handling of Boulders with sharp edges (Quarry)	Loaders	Hand gloves, Safety shoes	Complied with:
C. Checklist for Tower Foundation				
1.	Check construction materials are stacked at safe place and also does not cause any danger. (Away from pit 105m or half the depth of the pit, whichever is more)		Complied with:	
2.	Check arrangement of illumination at construction site. (if required)		Complied with:	

3.	Ensure life saver arrangements has been made during construction of well foundation in river bed. (when necessary)	Complied with:	
4.	Check that the concreting mixer machine is placed at safe place. (not very near to pit)	Complied with:	
5.	Check proper/adequate arrangement is made for extension of electricity supply. (proper size of cable, use of fuse, no loose connection for dewatering pumps/illumination/electric compressors active applicable)	Complied with:	
6.	Ensure lying of temporary cable used during construction should not cause any danger for electrocution of workmen.	Complied with:	
7.	Inspection of excavation shall be made by a competent person every day. In case possible cave in/slide in is apparent, all working in the excavation shall cease until the necessary precautions have been taken to safeguard the possible cave-in/slide.	Complied with:	
8.	Jacks and vertical supports shall be positioned in such a manner that the vertical loads are distributed equally and do not exceed the capacity of the jacks and the jacks are placed away from pit edge etc.	Complied with:	
9.	Proper jacking arrangement is made to take the entire load of template.	Complied with:	
10.	In case of long template in stub setting more jacks has been provided and to check that the jacks are placed on levelled and hard surface to avoid the unbalancing and fallen.	Complied with:	
11.	Wire mesh rolls shall be secured in order to prevent dangerous recoiling action.	Complied with:	
12.	Lone worker should not be allowed to work in the excavated area.	Complied with:	
13.	Check that sufficient strong ladder of suitable length is available for ingress/egress of persons in the pit.	Complied with:	
D. Checklist for Tower Erection			
1.	Check proper communication facility is available at site during tower erection (if required)	Complied with:	
2.	Check damages or uneven settlement of foundation.	Complied with:	
3.	Ensure the derrick used before tower erection has been checked for adequate strength/ size. Ensure for copy of test certificate for all lifting machines and tackles.	Complied with:	
4.	Ensure that the pulleys used before tower erection has been checked for adequate strength / proper size (diameter), also in case of open type pulleys proper locking arrangements like providing of safety pin is made, Ensure for copy of test certificate for all lifting machines and tackles.	Complied with:	

SN	Activity	Current Status	Action Taken By
5.	Ensure the ropes used before tower erection has been checked for adequate strength /physical condition (free from break of strands and knots etc.)	Complied with:	

6.	Check that the lifting tools and tackles i.e. Winch machine, Chain Pulley Block, Trifor, DShackle etc. are in healthy condition and has been tested periodically. (Attach a copy of test certificate)	Complied with:	
7.	Ensure permission has been obtained from Aviation Authority for erection of special towers. (Where Necessary)	Complied with:	
8.	Ensure permission has been obtained from Aviation Authority for erection of special towers which comes in the vicinity of flying zone (Where necessary)	Complied with:	
9.	Check that the safety measures have been taken before undertaking for the road /Rail / River Crossing jobs involving likewise stretches.	Complied with:	
10.	For rail or road crossing check whether written working plan is available at site with specific reference to safety eg. Local earthlings, skilled and experienced manpower, proper T&P, strength and height of scaffolding to maintain the required clearance etc.	Complied with:	
11.	Ensure that all the members and proper size of nuts and bolts of lower section are fitted properly before erection of the upper section of tower is taken up.	Complied with:	
12.	Check that the anti-climbing devices are provided in the tower after erection job.	Complied with:	
13.	Check that the danger plates have been provided.	Complied with:	
14.	Check only erection team members are allowed to stand near the tower while the erection is in progress and should wear the safety helmet / Safety shoes.	Complied with:	
15.	Working area of the tower has been demarcated during erection.	Complied with:	
16.	Check proper guying arrangement has been made. And also, to see that proper size of the crowbars has been used which has been fixed at hard surface in case of sandy or loose soil.	Complied with:	
17.	Check that the proper arrangement is made while lifting tower members and fixing them at height i.e. proper size and strength of the hook used for lifting the tower members.	Complied with:	
18.	Check sufficient members of guys are made while lifting the assembled cross arm and also avoiding use of single sheave pulleys while lifting the assembled cross arm / heavy load.	Complied with:	
E. Checklist for Conductor Stringing			
1.	All drivers and plant operators are holding the valid driving license.	The work has not been started yet.	
2.	Check the permit has been obtained from the competent Authority for stringing of conductor while crossing through Road /Rail /River / Vulnerable areas etc. (Where necessary)		
3.	Check that required painting has been made on tower falling in the vicinity of aviation zones. (Where necessary)		
4.	Check that all the safety measures has been taken during string of conductor crossing the EHV / HV / LT lines (Earthing of existing)		
5.	Ensure proper size of nuts and bolts are rigidly tightened and punching /tacking /tack welding is done in towers before undertaking stringing job.		

6.	Ensure proper scaffolding arrangements made during stringing of conductor (While road crossing /power line crossing etc.		
7.	Ensure that all members are fitted in tower before undertaking conductor stringing work.		
8.	Check that the back filling of the foundation has been done as per specifications.		
9.	Ensure that the discharge rod is electrically tested before use,		

SN	Activity	Current Status	Action Taken By
10.	Stringing machine / Tension puller machine is properly earthed.		
11.	Check the brake arrangement of the TSE Machines is working.		
12.	Ensure that the pulleys used before conductor stringing is been checked for adequate strength /proper size (diameter) also in case of open type pulleys proper locking arrangements like providing of safety pin is made. Ensure for copy of test certificate for all the lifting machines and tackles.		
13.	Ensure the ropes used before conductor stringing has been checked for adequate strength /physical condition (Free from break of strands and knots etc.,)		
14.	Check that the lifting tools and tackles i. e. Winch machine, Chain pulley Block, Trifor, DShackle etc. are in healthy condition and has been tested periodically. (Attach a copy of test certificate)		
15.	Check for the brake arrangement of the Drum reel of conductor during laying / paying out of conductor.		
16.	Check proper communication facility is available at site during stringing of conductor (if required)		
17.	Whether tower has been permanently earthed.		
18.	Check that Sag Board is provided at two locations.		
19.	Check that the Sag Board arrangement is made by the experienced / trained persons.		
20.	Check approved Sag tension chart is available and followed at site.		
21.	While clamping of conductor / Earth Wire to be done, check for earthing.		
22.	Ensure sending signal to puller to stop when last layer of conductor /EW being pulled.		
23.	Check tension applied on the dynamometer dial and check values with approved data.		
24.	Before stringing starts check that the villagers do not come underneath the job of the concerned section		
25.	Only nylon or polypropylene ropes should be used during conductor stringing gin vicinity of live overhead lines.		

26.	Ensure that PTW has been taken from the concerned authority.		
27.	Ensure that Winch, Pulleys etc. are properly earthed.		
28.	For LT lines, whether special persons are posted at each point of isolation till return of permit (PTW)		
29.	Whether the network of LT lines has been thoroughly checked and precautions taken Against inadvertent charging.		
30.	Check that proper arrangement is made / available for development and use of portable Earthing and Short-circuiting Devices which can be engaged and disengaged to and from the LT lines, keeping away from LT lines until all operations on the same are completed and all men and materials are removed from LT lines.		
31.	Check the provision and proper positioning for the guying and back staying (Where necessary)		
32.	Check demarcation of feeder is done for D /C Line		
33.	Ensure that all the insulator strings are thoroughly checked for availability and proper fixing of cotter / spilt pins before hoisting the same.		
SN	Activity	Current Status	Action Taken By
F. Checklist for General (General points common for all activities during Excavation, Casting of foundation, Erection of tower and stringing of conductor)			
1.	Check whether the contractor has procured required quantity of PPE considering maximum numbers of erection gangs deployed at site.	Partially Complied with:	The contractor has been advised to provide enough PPEs for all labors.
2.	Supervisors/Workmen have been provided with required healthy PPEs like (Safety helmet/ Safety shoes/ Gum boots as applicable)	Partially Complied with:	
3.	Availability of First Aid box with required medicines at site.	Partially Complied with:	
4.	Instruction register is available at site.	Complied with:	
5.	Ensure Supervisor/ Gang leader always issues instruction to the workmen before start of work.	Complied with:	
6.	All driver and plant operators are holding valid driving license.	Complied with:	
7.	Check the vehicle for rescue is available at site.	Complied with:	
8.	Ensure engaged labor are aware of the job.	Complied with:	
9.	Check that the unskilled laborers are not engaged in skilled job.	Complied with:	
10.	Ensure supervisor/ workmen engaged in the field are aware of First Aid Techniques (such as in case of Electric shock, fall from the height, Snake bite and the person rescued from buried under the debris etc)	Complied with:	
11.	Check for nearby Hospital/ Doctor in case of emergencies arises.	Complied with:	

12.	While transporting heavy consignment of conductor or earth wire drums from central stores to site by the use of Cranes, Trucks, Tractors, the safety aspect for construction and failure of brake system of moving machinery is to be checked.	Complied with:	
13.	At least one dry powder type of portable fire extinguisher shall be provided especially where explosive or blasting agents are used for excavation.	Complied with:	
14.	Check the competence (Qualification /experience) of supervisor / gang leader of contractor.	Complied with:	

Annex-8: Status of Environmental Compliance

S.N.	Name of Subproject	Compliance to Environmental Management Plan*													Grievances			Remarks			
		Physical			Biological			Socio-economic													
		Spoil Management compliance in %)**	Landslide protection with Bio-engineering (compliance in %)**	Drainage Management (compliance in %)**	Others as per EMP specify	Compensatory Plantation	Firewood is used for cooking and heating Y/N	Others as per EMP specify	Occupational Health and Safety			Community structures are compensated / reconstructed progress in % of total estimated work)***		Others as per EMP specify							
															Target Nos.	Replanted Nos.	Safety Gears are sufficient and used Y/N		Laborers are insured Y/N	Labor and work camps are healthy and have sanitary facilities Y/N	Community Structure 1
1.	New Khimti-Barhabise 200/400 kV TL	90	0	100		N	N	N		Y	Y (Only in working hours)	Y				0	0	0	Y	Y	Spoils are stored safely and used for back fill later.
2.	Barhabise – Changunarayan 220/400 kV TL	85	70	100		N	N	N	0	Y	Y (80%)					43	30	13	Y	Y	Spoil are dumped inside tower pad and refilled back to pit.

Note: * Add field as guided by EMP in EIA/IEE/DDR; ** Write percentage of compliance in a scale of 100%; *** mention type of community structures

Annex- 9 Impact Mitigation Compliance on Environmental Issues

SN	Parameters	Indicators/Impacts	Mitigation measures	Compliance	Remarks
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Physical Environment					
1.	Land use	Changes in land use patterns	No exposed areas left after excavation, construction activities to be confined in seasons of less agricultural activities	Complied with:	
2.	Stability	Stability of tower pads	River training works, retaining walls construction	Complied with:	
3.	Waste disposal	Unpleasant odor and visual impact	Construction wastes stored with adequate storage facilities, segregated and disposed properly	Complied with:	
4.	Air / water quality	Visual impact	Maintenance of vehicles and PPE to be used	Complied with:	
Biological Environment					
1.	Vegetation clearance	Observation, no. of trees felled, ground cover	Compensatory plantation, NTFP cultivation, forest-based income generation and entrepreneurship training	Complied with:	
2.	Pressure on forest cover	Observation, forest area status before and after construction	Compensatory plantation		
3.	Wildlife	Habitat, clearance, no. of animals seen	Use of screens, wire fencing in towers to discourage monkey climbing, use of optical ground wire and markers to reduce bird collision		
Social Environment					
1.	Settlement/infrastructure	Increase in settlement, migration	Avoid settlements, housing, if necessary, provide resettlement	Complied with:	
2.	Compensation	Socio-economic parameters	Compensation, livelihood training	Complied with:	
3.	Land loss	Acquisition of land, temporary disturbances	Compensation	Complied with:	
4.	Health issues	Type of diseases and record outbreaks	Health awareness campaign, training	Complied with:	
5.	Safety	No. of casualties	First Aid, use of PPE	Complied with:	
6.	Employment	No. of local people employed	Employment provided in project work	Complied with:	

7.	Impact on women/ children	Status of women and children	Provide employment for women	Complied with:	
8.	Indirect economic benefits	Economic activities in the area	Trade and business, Provide employment	Complied with:	

Annex- 10 Impact Mitigation Compliance for Construction Stage


S.N	Construction Stage and Impact	Mitigation Measures	Tamakoshi–Kathmandu 220/400 kV TL	
			New Khimti -Barhabise section	Barhabise - Changunarayan section
1	Surveys, Alternative Analysis, enumeration of trees.	Better Route Alignment	Complied with:	Complied with:
2	Adverse effect on topography from development of Quarry Site and stacking of construction materials	Restoration of exposed areas	Complied with:	Complied with:
3	Tagging of Trees and clearance causing erosion, effect other utility lines, wildlife habitat and corridors during clearing of Right of Way (RoW)	Compensation, restoration and consultation with forest stakeholders on wildlife habitat and corridors	Complied with:	Complied with:
4	Environmental Investigations	Soil investigations to avoid adverse effects on project	Complied with:	Complied with:
5	Pollution of aquatic environment and adverse impact as poaching and felling of tree from temporary workers camp	Adequate cleaning facilities, toilets with soak pits and use of liquefied petroleum gas. Ensure the camp site is cleaned and restored while relocating. Solid waste disposal on pits minimum 500m away from water sources.	Complied with:	Complied with:
6	Soil erosion, wastes and pollution temporarily from unloading of material, storage and workshop in local environment	Avoiding sensitive sites. Recyclable materials such as cement bags, plastics and scrap metals to be segregated and sold for recycling. While decomposable wastes to put in a pit and covered away from surrounding water sources.	Complied with:	Complied with:
7	Adverse impact on local aquatic environment, soil erosion and loss of agricultural land while pit marking and digging of foundation	Compensation, restoration of site and proper maintenance of vehicles used	Complied with:	Complied with:

8	Contamination of Surface and Ground Water, Soil Erosion while construction of foundation and revetment	Restoration of exposed areas, adequate maintenance of engines to prevent oil leakage. Sensitive Sites include AP 9, 11 and 12	Complied with:	Complied with:
9	Disturbance to existing utilities and population during erection process	Rerouting the utility lines, installation of warning signboards, traffic management and use of safety equipment or Personal Protective Equipment (PPE). Construction activities to be carried out during dry season when farming activities are minimal	Construction has not begun yet	Complied with:
10	Accidents at tower site and soil run off from exposed surface	PPE are worn and exposed surface are covered. Safe Distance are maintained from other power lines as well as	Construction has not begun yet	Construction has not begun yet.
	while installing earth wire or optical ground wire	power is temporarily cut off scaffolding is used in areas crossing rivers, roads, telecom lines, overhead power lines and other similar structure. The vegetation to be lopped to be quantified		
11	Snapping of stringing blocks or loose hanging of wires and excessive lopping of vegetation while stringing, final sagging and tensioning earth wire as well as power conductor	Adequate tension is maintained scaffolding is used in areas crossing rivers, roads, telecom lines, overhead power lines and other similar structure. The vegetation to be lopped to be quantified	Construction has not begun yet	Construction has not begun yet.


Annex- 11 Location wise Tree Cutting Status in Tower Footings of TKTLP

SN	District	Location No.	Name of Community Forest	Number of trees felled
New Khimti – Barhabise TL section				
1	Dolakha	AP 10/1	Paleko Sajheko Salkhoriya CF	67
		AP 13/0	Bhyakure Dhokebhir CF	28
		AP 16/1	Baluwa Bhumethan CF	50
		AP 17/1	Khahare Bhadaure CF	22
		AP 18/0	Khahare Bhadaure CF	50
		AP 21/0	Charnawati CF	102
		AP 22/0		87
		AP 24/1		92
		AP 25/0	Sitakunda CF	41
		AP 26/0		24
		AP 36/0	Amale Kharka CF	22
Barhabise – Lapsipedi TL section				
1	Sindhupalchowk	AP 21/0	Dharam Pani CF	50
		AP 22/0	Falate Kalika CF	151
		AP 23/0		82
		AP 26/0	Chipchipe CF	15
		AP 27/0	Rani Pokhari CF	52
		AP 27/1		24
		AP 34/0	Tamakhani CF	111
		AP 36/0		46
		AP 36A/0	Rol Pakha CF	228
2	Kavrepalanchowk	AP 46/0	Dudhe Pakha CF	127
Lapsipedi – Changunarayan TL section				
Total		21	15	1506

Annex 12: Tree cutting approval from Respective Divisional Forest Office



प्रदेश सरकार
बागमती प्रदेश, नेपाल
उद्योग, पर्यटनवन तथा वातावरण मन्त्रालय
वन निर्देशनालय
डिभिजन वन कार्यालय, दोलखा
चरिकोट, २०७५



प.सं. :- ०७७/७८
च.नं. :- ६३

फोन :- ०४९-४२९९३
मिति :- २०७७/४/३

विषय :- रुख कटान सहमती दिइएको बारे।

नेपाल विद्युत प्राधिकरण
तामाकोशी काठमाण्डौ २२०/४०० के. भी. प्रसारण लाइन आयोजना, खरिपाटी काठमाण्डौ

उपरोक्त सम्बन्धमा वन तथा भूमरक्षण विभागको च.नं.४४०, मिति २०७६/११/२१ को प्राप्त पत्रानुसार नेपाल सरकार (मन्त्रिपरिषद्) को म.प.प.स. ४३/०७६ मिति २०७६/९/२८ को को निर्णय अनुसार नेपाल विद्युत प्राधिकरणद्वारा प्रस्तावित तामाकोशी काठमाण्डौ २२०/४०० के.भी. प्रसारण लाइन आयोजनाको राइट अफ डे सहित टावर संरचनाहरू तयार गर्ने वन तथा भूमरक्षण विभाग र तामाकोशी काठमाण्डौ २२०/४०० के.भी. प्रसारण लाइन आयोजना बीच मिति २०७६/११/२१ मा भएको सम्मति अनुसारका रुखहरू हटाउने प्रयोजनको लागि भिमेश्वर सब डिभिजन वन कार्यालय, चरिकोटको च.नं. ०७, मिति २०७७/४/२१ को पत्रानुसार ब.वि. १५७ का टाखाने छपान तथा मृन्मोचन भई पेश भएको लगत डिभिजन वन कार्यालय, दोलखाबाट सामुदायिक वनको वन पैदावर चिकी वितरण निर्देशिका २०७५ को दफा १० बमोजिम छपान पैकाजाच गर्दा निम्नानुसार पाइएको प्रतिवेदनको आधारमा उक्त छपान तैरिज अनुसारका विभिन्न जातका तपशील बमोजिम सामुदायिक वनका रुखहरू सम्मतिता एवं प्रचलित ऐन नियम बमोजिम कटान गरी छाटगद्दी लगायतका व्यवस्थापनका कार्यहरू गर्न कटान सहमती दिइएको छ। छपान तैरिजमा उल्लेखित बाहेकका अन्य रुखहरू कटान गरी अनियमित भए गरेमा सो को जिम्मेवारी सम्बन्धित आयोजना नै हुने तथा प्रचलित कानून अनुसार फरवाही भै जाने व्यवहारो मध्ये सूचित गरिन्छ।

तपशील			
सि.नं.	सामुदायिक वनको नाम, ठेगाना	पौनः रुख संख्या	कौमयत
१	सीताकुण्ड सामुदायिक वन, भि.न.पा. ५, दोलखा	६५	
२	अमलेखर्क सामुदायिक वन, भि.न.पा. ७, दोलखा	२२	
	जम्मा	८७	

बन्नु बाहादुर थापा

२०७७/४/३०

नि.डिभिजन वन अधिकारी

सोधार्थः
श्री भिमेश्वर सब डिभिजन वन कार्यालय, चरिकोट, दोलखा : उपरोक्त बमोजिमका रुखहरू कटान मुहान तथा छाटगद्दी गर्ने र लगत तयार गर्ने कार्यमा आवश्यक प्राविधिक सहयोग र समन्वयको लागि अनुरोध छ।
श्री सीताकुण्ड सामुदायिक वन, भि.न.पा. ५, दोलखा : उपरोक्त बमोजिमका रुखहरू कटान मुहान तथा छाटगद्दी गर्ने र लगत तयार गर्ने कार्यमा आवश्यक सहयोग र समन्वयको लागि अनुरोध छ।
श्री अमलेखर्क सामुदायिक वन, भि.न.पा. ७, दोलखा : उपरोक्त बमोजिमका रुखहरू कटान मुहान तथा छाटगद्दी गर्ने र लगत तयार गर्ने कार्यमा आवश्यक सहयोग र समन्वयको लागि अनुरोध छ।



प्रदेश सरकार
उद्योग, पर्यटन वन तथा वातावरण मन्त्रालय
वन निर्देशनालय
डिभिजन वन कार्यालय, दोलखा
बागमती, प्रदेश चरिकोट, २०७५



प.सं. :- ०७७/७८

च.नं. :- १५२

०४९-४२११३

मिति :- २०७७/६/७

विषय :- रुख कटान सहमती दिइएको बारे ।

नेपाल विद्युत प्राधिकरण
तामाकोशी-काठमाण्डौ २२०/४०० के.भी. प्रसारण लाइन आयोजना
खरिपाटी, भक्तपुर

उपरोक्त सम्बन्धमा वन तथा भूसंरक्षण विभागको च.नं. ४४०, मिति २०७६/११/२१ को प्राप्त पत्रानुसार नेपाल सरकार (मन्त्रिपरिषद्) को म.प. वै.स. ४३/०७६, मिति २०७६/९/२८ को निर्णय अनुसार नेपाल विद्युत प्राधिकरणद्वारा प्रस्तावित तामाकोशी काठमाण्डौ २२०/४०० के.भी. विद्युत प्रसारण लाइन आयोजनाको राइट अफ द वे सहित टावर प्याड संरचना तयार गर्ने वन तथा भूसंरक्षण विभाग र त्यस आयोजना बीच मिति २०७६/११/२१ मा भएको सम्झौता अनुसारका रुखहरू हटाउने प्रयोजनका लागि मेलुङ सब डिभिजन वन कार्यालय, निसलीको च.नं. २, मिति २०७७/५/३१ को पत्रानुसार व.वि. १५३ का टाँचाले छपान तथा मुन्यांकन गर्दै पेश भएको लगत डिभिजन वन कार्यालय, दोलखाबाट सामुदायिक वनको वन पैदावर चिकी वितरण निर्देशिका २०७१ को दफा १० बमोजिम छपान चेकजाच गर्दा नियमानुसार पाइएको प्रतिवेदनको आधारमा उक्त छपान तैरिज अनुसारका विभिन्न जातका तपशील बमोजिम सामुदायिक वनका रुखहरू सम्झौता एवं प्रचलित ऐन नियम बमोजिम कटान गरी घाटगद्दी लगायतका व्यवस्थापनका कार्यहरू गर्ने गरी यो कटान सहमती दिइएको छ । छपान तैरिजमा उल्लेखित बाहेकका अन्य रुखहरू कटान गरी अनिवार्य भए गरेमा सो को जिम्मेवारी सम्बन्धित आयोजना नै हुने तथा प्रचलित कानून अनुसार कारवाही भै जाने व्यवहारा समेत सूचित गरिन्छ ।

तपशील

सि.नं.	सामुदायिक वनको नाम, ठेगाना	रुख/पोल संख्या	कैफियत
१	पालेको साभेको सालखोरिया सामुदायिक वन, मेलुङ २, दोलखा	६७	AP 10/1
२	म्याकुरे डोकाभीर सामुदायिक वन, मेलुङ १, दोलखा	२८	AP 13/0
३	छहरे भदीरे, सामुदायिक वन, मेलुङ १, दोलखा	७२	AP 18/0, AP 17/1
४	बालुवा भुमेधान सामुदायिक वन, मेलुङ १, दोलखा	४०	AP 16/1
५	मुलपानी सामुदायिक वन, मेलुङ १, दोलखा	६४	AP 19/1

[Signature]
२०७७/६/७
जबनु बहादुर थापा

नि.डिभिजन वन अधिकृत

प्रदेश सरकार
बागमती प्रदेश
उद्योग, पर्यटन वन तथा वसावरण मन्त्रालय
वन निर्देशनालय

फोन: ०११४४०१७५
०११४४०१८६

डिभिजन वन कार्यालय
भुलिखेल, काभ्रेपलाञ्चोक
२०७५

प.सं. : २०७६/०७७
च.नं. : १६३९

मिति : २०७७/०३/०१

विषय : रुख कटान गर्ने सम्बन्धमा ।

✓ श्री नेपाल विद्युत प्राधिकरण
तामाकोशी-काठमाण्डौ २२०/४०० के.भी. प्रसारणलाईन आयोजना

प्रस्तुत विषयमा वन तथा भू-संरक्षण विभागको मिति २०७६/१२/२१ च.नं. ५४० को प्राप्त पत्रानुसार नेपाल सरकार (मन्त्रीपरिषद) को म.प.वै. सं. ४३१०७६ मिति २०७६/१२/२२ को निर्णय बमोजिम नेपाल विद्युत प्राधिकरणद्वारा प्रस्तावित तामाकोशी-काठमाण्डौ २२०/४०० के.भी. प्रसारणलाईन आयोजनाको राइट अफ वे सहित टावर संरचनाहरू तयार गर्ने दोलखा, सिन्धुपाल्चोक, काभ्रे, काठमाण्डौ र भक्तपुर जिल्लाहरूमा परेको विभिन्न ५६ वटा सामुदायिक वनहरू लगायतमा रहेका राष्ट्रिय वन क्षेत्रको कुल जम्मा १०३,२२० हेक्टर जग्गा २५ वर्ष सम्म प्रयोग गर्ने दिने तर्ज रहेका विभिन्न जातका जम्मा ३५,२३१ वटा रुखविरूवाहरू हटाउन स्वीकृति दिने सम्बन्धमा वन तथा भू-संरक्षण विभाग र तामाकोशी-काठमाण्डौ २२०/४०० के.भी. प्रसारणलाईन आयोजना विच मिति २०७६/११/२१ मा भएको सम्झौता पत्र पाना ७ संलग्न राखी यस कार्यालयमा प्राप्त भएको उक्त पत्रानुसार सो सम्झौता मध्ये काभ्रेपलाञ्चोक जिल्लाको मन्डनदेउपुर न.पा. मा पर्ने ६ वटा सामुदायिक वनहरूमा पर्ने रुखहरू हटाउन उक्त सामुदायिक वनमा पर्ने रुखहरूमा छपान गरि पेश गर्ने यस कार्यालयको च.नं. ६१६२६, १६२८ मिति २०७७/०३/०७ को पत्र वाट लेखि पठाइएकोमा महादेवस्थान सब डिभिजन वन कार्यालयको कार्य क्षेत्रमा पर्ने तपसिलमा उल्लेखित २ वटा सामुदायिक वनमा पर्ने निम्न बमोजिमका रुख तथा फलमा व वि ११८ का भन्ने टाँचाले नियमानुसार छपान गरि च नं. ९८ मिति २०७७/३/१७ को यस कार्यालयमा पेश भएको छपान लगत बमोजिमका फल तथा रुखहरू वन तथा भू-संरक्षण विभाग र तामाकोशी-काठमाण्डौ २२०/४०० के.भी. प्रसारणलाईन आयोजना विच मिति २०७६/११/२१ मा भएको सम्झौतामा उल्लेख भएका शर्तहरूको हकमा सोहि बमोजिम गर्ने र सो सम्झौतामा उल्लेख नभएका शर्तहरूको हकमा निम्नानुसार गर्ने गरि सब डिभिजन वन कार्यालय महादेवस्थानको प्राविधिक सहयोग र सम्बन्धीत सामुदायिक वन उपभोक्ता समितिको पदाधिकारीहरूको रोहवरमा कटान गरी सोहि स्थानमा घाटगद्दि गरी राख्नुका साथै रुख कटान पश्चात उत्पादित गोलिया काठ, दाउराको कटान रजिष्टर, घाटगद्दि रजिष्टर र लट विवरण सहितको कागजात सब डिभिजन वन कार्यालय महादेवस्थान माफत यस कार्यालयमा पेश गर्ने गरि तामाकोशी-काठमाण्डौ २२०/४०० के.भी. प्रसारणलाईन आयोजनालाई कटान सहमती दिन यस कार्यालयको मिति २०७७/३/१८ को निर्णय अनुसार यो कटान आदेश दिइएको छ ।

तपसिल

- १) रुख विरुवा कटान तथा घाटगद्दि गर्ने कार्यमा लाग्ने सम्पूर्ण खर्च तामाकोशी-काठमाण्डौ २२०/४०० के.भी. प्रसारणलाईन आयोजनाको हुनेछ ।
- २) कटान भई घाटगद्दिमा रहेको काठ दाउरा वन उपभोक्ता समूहलाई हस्तान्तरण नहुदा सम्म सोको सुरक्षाको जिम्मा तामाकोशी-काठमाण्डौ २२०/४०० के.भी. प्रसारणलाईन आयोजनाको हुनेछ ।
- ३) कटानी कार्यमा वन सम्बन्धी कानूनी तथा प्राविधिक सहयोग गर्ने कार्य सब डिभिजन वन कार्यालय महादेवस्थानका वन प्राविधिकहरूले गर्नेछन् ।

डिभिजन वन अधिकृत

प्रदेश सरकार
 बागमती प्रदेश
 उद्योग, पर्यटन वन तथा वातावरण मन्त्रालय
 वन निर्देशनालय
डिभिजन वन कार्यालय
 धुलिखेल, काभ्रेपलाञ्चोक
 २०७५

फोन: ०११४४०१७५
 ०११४४०५८६

४) कटान कार्यमा कुनै किसिमको अनियमितता भए गरेमा सो को जिम्मेवार तामाकोशी-काठमाण्डौ
 २२०/४०० के.भी. प्रसारणलाईन आयोजना हुनेछ ।

निम्न : कटान गरिने रुख तथा बल्लारुखीको विवरण

सि.नं.	सा.व.उ.स.का. नाम	ठेगाना	आयोजनाले प्रयोग गर्ने वन क्षेत्रको जग्गा तथा रुख विवरणको विवरण				
			रुख	पोल	प्रयोग हुने वन क्षेत्रको क्षेत्रफल हे.		
					स्थायी	अस्थायी	जम्मा
१	घाइटार डुङ्गेपाखा	मण्डनदेउपुर-८	१	१२७	०.१४४९	०.११५१	०.२६
२	नौलेडाँडा	मण्डनदेउपुर-४	१५	२५६	०.१०५८	०.३६४२	०.४७
जम्मा			१६	३८३	०.२५०७	०.४७९३	

बोधार्थ

श्री सव डिभिजन वन कार्यालय महादेवस्थान :- उपरोक्त वमोजिमको रुख कटान मुद्धान्त तथा घाटगडि गर्ने र लगत तयार गर्ने कार्यमा आवश्यक प्राविधिक सहयोग तथा समन्वय गर्नु हुन ।

श्री घाइटार डुङ्गेपाखा सामुदायिक वन उपभोक्ता समूह मण्डनदेउपुर न.पा. ८ काभ्रे : छपान गरिएका रुखहरुको कटान गर्ने कार्यमा आवश्यक सहयोग तथा समन्वयका लागि अनुरोध छ ।

श्री नौलेडाँडा सामुदायिक वन उपभोक्ता समूह मण्डनदेउपुर न.पा. ४ काभ्रे : छपान गरिएका रुखहरुको कटान गर्ने कार्यमा आवश्यक सहयोग तथा समन्वयका लागि अनुरोध छ ।

Annex- 13 Tree enumeration List from Kavrepalanchowk District

TREE ENUMERATION LIST							
COMMUNITY FOREST NAME : DUDEPAKHA COMMUNITY FOREST							
Forest office : Sub-division Forest office Mahadevsthan				Address: Kavrepalnchok District			
Job Name: Tarakoshi-Kathmandu 220/400 KV T/L Project for NEA				Color: Red		Date	
SL. NO. (क्र. सं.)	MARKING NUMBER (उपान संख नो.)	CATEGORY/ NAME (जाति)	GIRTH (D.C.M.) (सं. सें.)	HEIGHT (F.T.) (सं. सें.)	VOLUME (C.F.T.) (आयतन)	CLASS (क्लास)	SECTION
1	1	CHILAUONE	30	9.25	40	5.18	II
2	2	SAL	30	7.96	20	9.95	II
3	3	CHILAUONE	25	6.37	35	5.18	II
4	4	SAL	20	6.37	35	3.87	III
5	5	SAL	28	8.92	40	8.67	II
6	6	SAL	16	5.10	30	2.12	II
7	7	SAL	17	5.41	30	2.40	II
8	8	SAL	16	5.10	25	1.77	III
9	8	SAL	20	6.37	29	3.21	II
10	9	SAL	17	5.41	25	2.00	II
11	10	SAL	25	7.96	30	5.18	II
12	11	SAL	20	6.37	28	3.10	II
13	12	CHILAUONE	23	7.32	24	3.31	II
14	13	SAL	18	5.73	20	1.79	II
15	14	SAL	25	7.96	40	6.91	II
16	15	SAL	18	5.73	19	1.70	II
17	16	SAL	27	8.60	40	8.06	II
18	17	CHILAUONE	17	5.41	25	2.00	II
19	18	SAL	19	6.05	30	2.99	II
20	19	CHILAUONE	20	6.37	35	3.87	II
21	20	SAL	25	7.96	35	6.05	III
22	21	SAL	32	10.19	50	14.15	II
23	22	SAL	23	7.32	40	5.85	II
24	23	SAL	21	6.69	35	4.27	III
25	24	SAL	16	5.10	35	2.48	II
26	25	SAL	22	7.01	40	5.35	II
27	26	SAL	32	10.19	45	12.74	II

AP-45/0 TO 46/0

(Signatures)

TREE ENUMERATION LIST							
COMMUNITY FOREST NAME : DUDEPAKHA COMMUNITY FORES							
Forest office : Sub-division Forest office Mahadevsthan				Address: Kavrepalnchok District			
Job Name: Tamakoshi-Kathmandu 220/400 KV T/L Project for NEA				Color: Red		Date	
SL.NO. (क्र.सं.)	MARKING NUMBER (उपान कक्षा नं.)	CATEGORY/ NAME (प्रकार)	GIRTH (INCH) (जोला) (इन्च)	HEIGHT (FEET) (गुनो) (फिट)	VOLUME (C.FT) (आयतन) (क्युबि फिट)	CLASS (फलस)	SECTION
28	27	SAL	26	45	9.07	II	
29	28	SAL	26	30	5.61	II	
30	29	SAL	27	35	7.05	II	
31	30	SAL	24	25	3.98	II	
32	31	SAL	23	30	4.39	II	
33	32	SAL	18	25	2.24	II	
34	33	SAL	19	25	2.49	II	
35	34	SAL	24	35	5.57	II	
36	35	SAL	22	30	4.91	III	
37	36	SAL	24	40	6.37	I	
38	37	SAL	20	30	3.32	III	
39	38	SAL	25	45	7.78	I	
40	39	CHILAUONE	33	45	11.96	I	
41	40	CHILAUONE	17	25	2.00	II	
42	41	SAL	24	45	7.17	II	
43	42	SAL	20	35	3.87	II	
44	43	SAL	19	35	3.49	II	
45	44	SAL	22	25	3.35	II	
46	45	SAL	20	20	2.21	II	
47	46	SAL	27	40	8.06	II	
48	47	SAL	18	25	2.24	III	
49	48	SAL	22	45	6.02	II	
50	49	SAL	24	45	7.17	II	
51	50	SAL	19	40	3.99	II	
52	51	SAL	18	30	2.69	II	
53	52	SAL	16	30	2.12	II	
54	53	CHILAUONE	21	35	4.27	II	

TREE ENUMERATION LIST								SECTION	
COMMUNITY FOREST NAME : DUDEPAKHA COMMUNITY FOREST									
Forest office : Sub-division Forest office Mahadevsthan				Address: Kavrepalnchok District					
Job Name: Tamakoshi-Kathmandu 220/400 KV T/L Project for NEA				Color: Red		Date			
SL. NO. (क्र. सं.)	MARKING NUMBER (उपान कडा नं.)	CATEGORY/ NAME (श्रेणी)	GIRTH (INCH) (गोठो) (गोठो)	DIAMETER (INCH) (डायमिटर)	HEIGHT (FEET) (उचाई)	VOLUME (CFT) (अभयजति)	CLASS (वर्ग)	AP-45/0 TO 46/0	
55	54	SAL	7.07	35	4.68	II			
56	54	SAL	7.07	35	4.27	II			
57	55	SAL	7.07	35	2.80	II			
58	56	SAL	7.07	35	5.57	II			
59	57	CHILAUNE	20	6.37	30	3.32	II		
60	59	SAL	25	7.96	40	6.91	I		
61	60	SAL	27	8.60	45	9.07	I		
62	61	CHILAUNE	19	6.05	35	3.49	II		
63	62	SAL	21	6.69	30	3.66	II		
64	63	SAL	24	7.64	30	4.78	II		
65	64	SAL	18	5.10	30	2.12	II		
66	65	SAL	17	5.41	25	2.00	II		
67	66	SAL	21	6.69	30	3.66	II		
68	67	SAL	26	8.28	35	6.54	II		
69	68	CHILAUNE	21	6.69	30	3.66	II		
70	69	SAL	17	5.41	20	1.60	II		
71	70	SAL	17	5.41	25	2.00	II		
72	71	SAL	17	5.41	25	2.00	II		
73	72	SAL	20	6.37	30	3.32	II		
74	73	CHILAUNE	17	5.41	30	2.40	II		
75	74	CHILAUNE	20	6.37	35	3.87	II		
76	75	SAL	21	6.69	30	3.66	II		
77	76	CHILAUNE	17	5.41	25	2.00	II		
78	77	SAL	22	7.01	35	4.68	II		
79	78	SAL	26	8.28	35	6.54	II		
80	79	SAL	34	10.83	40	12.78	II		
81	80	SAL	24	7.64	40	6.37	II		

(Signatures)





TREE ENUMERATION LIST								SECTION
COMMUNITY FOREST NAME : DUDEPAKHA COMMUNITY FOREST								
Forest office : Sub-division Forest office Mahadevsthan				Address: Kavrepalnchok District				
Job Name: Tamakoshi-Kathmandu 220/400 KV T/L Project for NEA				Color: Red		Date		
SL.NO. (क्र.सं.)	MARKING NUMBER (उपान संख नं.)	CATEGORY/ NAME (जाति)	GIRTH (INCH) (गोठुमा) (दiameter)	DIAMET ER (INCH) (दiameter)	HEIGHT (FEET) (उचाई)	VOLUME (C.FT) (आयतन)	CLASS (क्यास)	AP-450 TO 460
82	81	SAL	22	7.73	35	3.13	II	
83	82	SAL	22	7.73	40	7.48	II	
84	83	CHILAUDE	22	7.73	35	11.19	II	
85	84	SAL	22	7.01	30	4.01	II	
86	85	SAL	31	9.87	40	10.63	II	
87	86	SAL	16	5.10	35	2.48	II	
88	87	SAL	23	7.32	40	5.85	II	
89	88	SAL	22	7.01	35	4.68	II	
90	89	SAL	22	7.01	40	5.35	II	
91	90	SAL	24	7.64	35	5.57	II	
92	91	SAL	27	8.60	45	9.07	II	
93	92	SAL	20	6.37	35	3.87	II	
94	93	SAL	17	5.41	35	2.80	II	
95	94	SAL	22	7.01	30	4.01	II	
96	95	SAL	35	11.15	40	13.55	II	
97	96	SAL	19	6.05	30	2.99	II	
98	97	SAL	17	5.41	35	2.80	II	
99	98	SAL	19	6.05	30	2.99	II	
100	99	SAL	27	8.60	40	8.06	II	
101	100	SAL	17	5.41	35	2.80	II	
102	101	SAL	19	6.05	40	3.99	II	
103	102	SAL	25	7.96	40	6.91	II	
104	103	SAL	24	7.64	35	5.57	II	
105	104	SAL	22	7.01	35	4.68	II	
106	105	SAL	19	6.05	35	3.40	II	
107	106	SAL	28	8.92	45	9.75	II	
108	107	SAL	22	7.01	35	4.68	II	

TREE ENUMERATION LIST								SECTION
COMMUNITY FOREST NAME : DUDEPAKHA COMMUNITY FOREST								
Forest office : Sub-division Forest office Mahadevsthan				Address: Kavrepalnchok District				
Job Name: Tamakoshi-Kathmandu 220/400 KV T/L Project for NEA				Color: Red		Date		
SL.NO. (क्र. सं.)	MARKING NUMBER (उपान संख्या नं.)	CATEGORY/ NAME (जाति)	GIRTH (INCH) (गोलाई)	DIAMET ER (INCH) (दुमिर)	HEIGHT (FEET) (उचाई)	VOLUME (C.FT) (अभयतन)	CLASS (क्लास)	AP-46 TO 46/1
109	108	SAL	16	5.12	20	1.42	II	
110	109	SAL	27	8.60	45	7.05	II	
111	110	CHILAUNE	27	8.60	45	4.27	II	
112	111	SAL	16	5.12	35	3.49	II	
113	112	SAL	17	5.41	20	1.60	II	
114	113	SAL	16	5.10	30	2.12	II	
115	114	SAL	17	5.41	30	2.40	II	
116	115	SAL	18	5.73	25	2.24	II	
117	116	SAL	22	7.01	20	2.68	II	
118	117	SAL	22	7.01	35	4.68	II	
119	118	SAL	24	7.64	40	6.37	II	
120	119	SAL	34	10.83	45	14.38	II	
121	120	SAL	19	6.05	35	3.49	II	
122	121	SAL	22	7.01	35	4.68	II	
123	122	CHILAUNE	24	7.64	35	5.57	II	
124	123	SAL	25	7.96	40	6.91	I	
125	124	MAUWA	34	10.83	45	14.38	II	
126	125	KAULO	21	6.09	35	4.27	II	
127	126	CHILAUNE	38	12.10	45	17.96	II	
128	127	CHILAUNE	27	8.60	40	8.06	II	

(Signatures)

वाणी नगर

L.NO. (क्र. सं.)	MARKING NUMBER (उपान सं.)	CATEGORY/NAME (जाति)	GIRTH (INCH) (गोलाई)	DIAMETER (INCH) (गोलाई)	HEIGHT (FEET) (ऊँचाई)	VOLUME (C.F.T) (आयतन)	CLASS (कलास)	SECTION
1	1	SAL	11	10.83	35	9.30	I	AP-47/0 TO 47/1
2	2	SAL	15	10.83	45	15.24	I	
3	3	SAL	15	10.83	47	11.09	I	
4	4	SAL	15	10.83	46	10.69	I	
5	5	SAL	35	10.83	50	10.93	I	
6	6	SAL	34	10.83	55	17.58	I	
7	7	SAL	20	6.37	40	4.42	I	
8	8	SAL	24	7.64	42	6.69	I	
9	9	KATUS	24	7.64	35	5.97	I	
10	10	SAL	32	10.19	56	15.85	I	
11	11	SAL	38	12.10	60	23.95	I	
12	12	SAL	18	5.73	35	3.13	III	
13	13	SAL	20	8.28	25	4.67	I	
14	14	SAL	36	11.46	60	21.50	I	
15	15	SAL	29	9.24	55	12.79	I	
16	16	SAL	32	10.19	58	16.42	I	
17	17	SAL	29	9.24	58	13.48	I	
18	18	SAL	35	11.15	56	18.96	I	
19	19	MAUWA	37	11.78	47	21.57	I	
20	20	SAL	28	8.92	50	10.84	I	
21	21	SAL	33	10.51	55	16.56	I	
22	22	KATUS	29	9.24	25	5.81	I	
23	23	SAL	36	11.46	50	17.91	I	
24	24	SAL	26	8.28	48	8.97	I	
25	25	SAL	28	8.92	40	8.67	I	
26	26	BODHIYARO	38	12.10	55	21.96	I	
27	27	DHAIKATUS	39	12.42	30	12.61	I	
28	28	CHILAU	35	11.15	53	17.95	I	
29	29	DHAIKATUS	27	8.60	35	7.05	I	
30	30	DHAIKATUS	30	9.55	40	9.95	I	
31	31	BODHIYARO	34	10.83	50	15.98	I	
32	32	SAL	25	7.96	41	7.08	I	
33	33	BODHIYARO	38	12.10	40	15.97	I	
34	34	BODHIYARO	34	10.83	45	14.38	I	
35	35	SAL	36	11.46	35	12.54	I	
36	36	SAL	36	11.46	60	21.50	I	
37	37	SAL	38	12.10	58	23.15	I	
38	38	BODHIYARO	38	12.10	35	13.97	I	
39	39	SAL	35	11.15	55	18.63	I	
40	40	SAL	22	7.01	40	5.35	I	
41	41	SAL	30	9.55	42	10.45	I	
42	42	SAL	31	9.87	45	11.96	I	
43	43	SAL	20	6.37	45	4.98	I	
44	44	SAL	18	5.73	40	3.88	I	
45	45	SAL	24	7.64	50	7.96	I	
46	46	SAL	27	8.60	47	9.47	I	
47	47	SAL	18	5.73	30	2.69	III	AP-47/0 TO 47/1
48	48	SAL	17	5.41	38	3.04	I	
49	49	SAL	16	5.10	28	1.98	III	
50	50	SAL	20	6.37	47	5.20	I	
51	51	SAL	26	8.28	50	9.34	I	
52	52	MAUWA	16	5.10	30	2.12	I	
53	53	SAL	29	9.24	50	11.62	I	
54	54	SAL	34	10.83	68	21.73	I	
55	55	SAL	36	11.46	57	20.42	I	
56	56	SAL	31	9.87	57	15.14	I	
57	57	SAL	30	9.55	56	13.93	I	

NO. (सं.)	MARKING NUMBER (उपान सं. नं.)	CATEGORY/NAME (जति)	GIRTH (INCH) (गोलाई)	DIAMETER (INCH) (गोलाई)	HEIGHT (FEET) (उचाई)	VOLUME (CU FT) (आयतन)	CLASS (वर्ग)	SECTION
58	58	SAL	14	6.37	52	13.81	I	AP-476 TO-471
59	59	SAL	19	8.28	23	2.49	I	
60	60	SAL	20	8.28	60	11.21	I	
61	61	SAL	20	8.28	38	7.64	I	
62	62	SAL	20	8.28	50	7.96	I	
63	63	SAL	20	8.28	35	3.87	I	
64	64	SAL	34	10.83	57	18.22	I	
65	65	SAL	37	11.78	60	22.71	I	
66	66	SAL	19	6.05	30	2.99	I	
67	67	SAL	24	7.64	43	7.17	I	
68	68	SAL	19	6.05	15	3.49	I	
69	69	SAL	23	7.32	48	7.02	I	
70	70	SAL	26	8.28	50	9.34	I	
71	71	SAL	20	6.37	40	4.42	I	
72	72	SAL	26	8.28	48	8.97	I	
73	73	SAL	43	14.33	65	36.39	I	
74	74	KATUS	30	9.55	35	8.71	II	
75	75	SAL	28	8.92	40	8.67	II	
76	76	DIHA/VUNI	20	6.37	40	4.42	I	
77	77	DIHA/VUNI	18	5.73	39	3.49	I	
78	78	SAL	26	8.28	33	9.90	I	
79	79	KATUS	18	5.73	30	2.69	I	
80	80	KATUS	19	6.05	35	3.49	I	
81	81	KATUS	20	6.37	36	3.98	I	
82	82	MAUWA	30	9.55	50	12.44	I	
83	83	SAL	20	6.37	35	3.87	I	
84	84	SAL	23	7.32	40	5.85	I	
85	85	SAL	20	6.37	45	3.98	I	
86	86	SAL	30	9.55	40	9.97	I	
87	87	SAL	28	8.92	40	8.67	I	
88	88	SAL	30	9.55	45	11.20	I	
89	89	SAL	21	6.69	35	4.27	I	
90	90	SAL	18	5.73	22	1.97	II	
91	91	SAL	23	7.32	40	5.85	I	
92	92	SAL	27	8.60	50	10.08	I	
93	93	SAL	24	7.64	45	7.17	I	
94	94	SAL	26	8.28	42	7.85	I	
95	95	SAL	24	7.64	40	7.12	I	
96	96	SAL	22	7.01	35	4.68	I	
97	97	SAL	17	5.41	28	2.24	II	
98	98	SAL	25	7.96	40	6.91	I	
99	99	SAL	20	6.37	35	3.87	II	
100	100	SAL	21	6.69	37	4.51	II	
101	101	SAL	37	11.78	60	22.71	I	
102	102	SAL	32	10.19	60	16.99	I	
103	103	SAL	24	7.64	40	6.37	I	
104	104	SAL	21	7.32	38	5.56	II	
105	105	SAL	25	7.96	39	6.74	I	
106	106	SAL	22	7.01	30	4.01	II	
107	107	SAL	23	7.32	33	4.83	I	
108	108	SAL	19	6.05	35	3.49	I	
109	109	SAL	25	7.96	50	8.64	I	
110	110	SAL	27	8.60	50	10.08	I	
111	111	SAL	20	6.37	30	3.32	II	
112	112	SAL	24	7.64	40	6.37	I	
113	113	SAL	24	7.64	30	7.96	I	
114	114	SAL	15	4.78	30	1.87	II	
115	115	SAL	16	5.10	28	1.98	II	
116	116	SAL	17	5.41	30	2.40	II	

NO. (सं.)	MARKING NUMBER (समय संख्या नं.)	CATEGORY NAME (श्रेणी)	GIRTH (INCH) (गोलाई)	DIAMETER (INCH) (व्यास)	HEIGHT (FEET) (ऊंचाई)	VOLUME (CFT) (आयतन)	CLASS (स्तर)	SECTION
117	117	SAL	16	7.64	30	3.12	II	AP-47/0 TO 47/1
118	118	SAL	20	7.96	35	3.87	I	
119	119	SAL	25	8.28	40	6.91	I	
120	120	SAL	20	8.60	38	4.20	I	
121	121	SAL	19	6.05	30	2.99	I	
122	122	SAL	18	5.73	30	2.69	II	
123	123	SAL	19	6.05	30	2.99	I	
124	124	SAL	18	5.73	30	2.69	II	
125	125	SAL	21	6.69	37	4.51	I	
126	126	SAL	26	8.28	40	7.48	I	
127	127	SAL	27	8.60	42	8.46	I	
128	128	SAL	25	7.96	33	5.70	I	
129	129	SAL	25	7.96	35	6.05	I	
130	130	SAL	27	8.60	40	8.06	I	
131	131	SAL	25	7.96	37	6.39	I	
132	132	SAL	22	7.01	40	5.35	I	
133	133	SAL	24	7.64	43	6.85	I	
134	134	SAL	17	5.41	30	2.40	I	
135	135	SAL	23	7.32	38	5.56	I	
136	136	SAL	24	7.64	39	6.21	I	
137	137	SAL	19	6.05	30	2.99	II	AP-47/0 TO 47/1
138	138	SAL	18	5.73	31	2.78	I	
139	139	SAL	26	8.28	35	6.54	II	
140	140	SAL	27	8.60	43	9.07	I	
141	141	SAL	23	7.32	42	6.14	I	
142	142	SAL	20	6.37	39	4.31	I	
143	143	SAL	24	7.64	43	6.85	I	
144	144	SAL	24	7.64	38	6.05	I	
145	145	SAL	20	6.37	30	3.32	I	
146	146	SAL	18	5.73	32	2.87	I	
147	147	SAL	21	6.69	35	4.27	I	
148	148	SAL	16	5.10	27	1.91	II	
149	149	SAL	24	7.64	40	6.37	I	
150	150	SAL	19	6.05	31	1.09	I	
151	151	SAL	18	5.73	28	2.51	I	
152	152	SAL	16	5.10	29	2.05	II	
153	153	SAL	18	5.73	30	2.69	I	
154	154	SAL	20	6.37	31	3.43	I	
155	155	SAL	22	7.01	34	4.15	I	
156	156	SAL	16	5.10	27	1.91	I	
157	157	SAL	27	8.60	30	6.05	I	
158	158	SAL	18	5.73	27	2.42	II	
159	159	SAL	16	5.10	27	1.91	II	
160	160	SAL	22	7.01	36	4.82	II	
161	161	SAL	24	7.64	37	5.89	I	
162	162	CHILAUUNI	20	6.37	37	4.09	I	
163	163	SAL	19	6.05	38	3.79	I	
164	164	SAL	25	7.96	40	6.91	I	
165	165	SAL	20	6.37	35	3.87	I	
166	166	SAL	17	5.41	36	2.88	I	
167	167	SAL	22	7.01	37	4.95	I	
168	168	SAL	20	6.37	38	4.20	I	
169	169	SAL	17	5.41	30	2.40	I	
170	170	SAL	19	6.05	32	3.19	I	
171	171	SAL	17	5.41	30	2.40	I	
172	172	SAL	16	5.10	30	2.12	II	
173	173	SAL	25	7.96	45	7.78	I	
174	174	SAL	18	5.73	35	3.13	I	
175	175	SAL	22	7.01	38	5.08	I	

NO. (सं.)	MARKING NUMBER (छापन सं.)	CATEGORY/NAME (जति)	GIRTH (INCH) (गोलाई)	DIAMETER (INCH) (घ्यास)	HEIGHT (FEET) (उचाई)	VOLUME (CU FT) (आयतन)	CLASS (माला)	SECTION
176	176	SAL	25	7.96	40	6.91	I	AP-47/0 HQ 47/1
177	177	SAL	19	6.05	35	3.49	I	
178	178	SAL	20	6.37	38	4.20	I	
179	179	SAL	20	5.10	30	2.12	I	
180	180	SAL	25	7.01	40	5.35	I	
181	181	SAL	23	7.32	40	5.85	I	
182	182	SAL	16	5.10	33	2.34	I	
183	183	CHILAUONE	25	7.96	45	7.78	I	
184	184	SAL	19	6.05	30	2.99	I	
185	185	SAL	18	5.73	35	3.13	I	
186	186	SAL	21	7.12	32	4.68	I	
187	187	SAL	29	9.24	30	6.97	I	
188	188	SAL	21	6.69	28	3.41	I	
189	189	SAL	26	8.28	30	5.61	I	
190	190	SAL	27	8.60	30	6.05	I	
191	191	SAL	19	6.05	20	2.00	II	
192	192	SAL	19	6.05	25	2.49	II	
193	193	SAL	18	5.73	20	1.79	II	
194	194	SAL	16	5.10	20	1.42	II	
195	195	CHILAUONE	23	7.32	25	3.66	II	
196	196	SAL	20	6.37	24	2.65	II	
197	197	SAL	21	6.69	20	2.44	II	
198	198	SALO	25	7.96	29	5.01	I	
199	199	SAL	27	8.60	30	6.05	I	
200	200	SALO	24	7.64	30	4.78	I	
201	201	SALO	24	7.64	35	5.57	I	
202	202	SALO	30	9.55	40	9.95	I	
203	203	SALO	35	11.15	45	15.24	I	
204	204	SAL	22	7.01	30	4.01	I	
205	205	SALO	28	8.92	35	7.59	I	
206	206	SALO	24	7.64	30	4.78	I	
207	207	SALO	30	9.55	30	7.46	I	
208	208	SALO	20	6.37	34	3.76	II	
209	209	SALO	24	7.64	25	3.98	II	
210	210	SAL	33	10.51	50	15.05	I	
211	211	SAL	30	9.55	4	1.00	I	
212	212	MAUWA	35	11.15	35	11.85	I	
213	213	MAUWA	18	5.73	30	2.69	II	
214	214	SAL	32	10.19	38	10.76	I	
215	215	SAL	25	7.96	35	6.05	I	
216	216	CHILAUONE	20	6.37	37	4.69	I	
217	217	CHILAUONE	18	5.73	28	2.51	II	
218	218	SAL	18	5.73	30	2.69	I	
219	219	UTIS	33	10.51	40	12.04	I	
220	220	SAL	22	7.01	34	4.55	I	
221	221	SAL	18	5.73	35	3.13	I	
222	222	CHILAUONE	25	7.96	36	6.22	I	
223	223	SAL	22	7.01	32	4.28	I	
224	224	SAL	24	7.64	38	6.05	I	
225	225	SAL	26	8.28	40	7.48	I	
226	226	SAL	16	5.10	30	2.12	II	
227	227	SAL	25	7.96	40	6.91	I	
228	228	SAL	16	5.10	30	2.12	I	
229	229	SAL	18	5.73	30	2.69	II	
230	230	SAL	16	5.10	30	2.12	II	
231	231	SAL	18	5.73	31	2.78	I	AP-47/0 HQ 47/1
232	232	SAL	16	5.10	28	1.98	II	
233	233	SAL	18	5.73	35	3.13	II	
234	234	SAL	18	5.73	25	2.24	II	


NO. (सं.)	MARKING NUMBER (छापान सं.)	CATEGORY NAME (जाल)	GIRTH (INCH) (गोलाई)	DIAMETER (INCH) (गोलाई)	HEIGHT (FEET) (ऊँचाई)	VOLUME (C.F.T) (अधिकतम)	CLASS (कमान)	SECTION
235	235	SAL	19	6.05	20	2.00	II	
236	236	SAL	18	5.73	27	2.42	II	
237	237	SAL	22	7.01	40	5.33	I	
238	238	SAL	16	5.10	20	1.42	II	
239	239	SAL	17	5.41	32	2.56	II	
240	240	SAL	19	6.05	30	2.99	I	
241	241	SAL	16	5.10	30	2.12	II	
242	242	SAL	24	7.64	38	6.05	I	
243	243	SAL	16	5.10	30	2.12	II	
244	244	SAL	20	6.37	35	3.87	I	
245	245	SAL	25	7.96	41	7.08	I	
246	246	SAL	21	6.69	39	4.75	I	
247	247	SAL	22	7.01	35	4.68	I	
248	248	SAL	19	6.05	30	2.99	II	
249	249	SAL	22	7.01	35	4.68	I	
250	250	SAL	26	8.28	43	8.04	I	
251	251	SAL	19	6.05	32	3.19	II	
252	252	SAL	19	6.05	26	3.48	I	
253	253	SAL	22	7.01	26	4.55	I	
254	254	SAL	22	7.01	34	3.76	I	
255	255	SAL	20	6.37	30	2.12	II	
256	256	CHILAU	16	5.10	42	6.69	I	
257	257	SAL	24	7.64	38	3.04	I	
258	258	SAL	17	5.41	39	3.89	I	
259	259	SAL	19	6.05	40	6.37	I	
260	260	SAL	24	7.64	35	4.68	I	
261	261	SAL	22	7.01	32	3.19	II	
262	262	SAL	19	6.05	32	3.19	II	
263	263	SAL	25	7.96	42	7.26	II	
264	264	SAL	25	7.96	42	2.12	II	
265	265	SAL	16	5.10	30	3.54	II	
266	266	SAL	20	6.37	32	2.80	I	
267	267	SAL	17	5.41	35	3.88	I	
268	268	SAL	22	7.01	29	3.66	II	
269	269	SAL	21	6.69	30	6.21	I	
270	270	SAL	24	7.64	39	4.63	I	
271	271	SAL	21	6.69	38	4.42	II	
272	272	SAL	20	6.37	40	2.32	I	
273	273	SAL	17	5.41	29			

NOTE-TOTAL LATHRA-260 NOS (15 DOWN)

AP-4730
(0473)

Annex- 14 Tree tagging Permission Letter Granted from Respective Divisional Forest Office

११-६०७/०३-२०७७/०३/२९




प्रदेश सरकार
बागमती प्रदेश

उद्योग, पर्यटन, वन तथा वातावरण मन्त्रालय
वन निर्देशनालय

डिभिजन वन कार्यालय सिन्धुपाल्चोक
चौतारा, नेपाल

२०७५



पत्र संख्या : २०७६/०७७
खलावी नं. १५२५

मिति : २०७७/०३/२९

विषय : छपान जाँच गरि पेश गर्ने सम्बन्धमा ।

स.व.अ.कृष्ण प्रसाद पौडेल
सब-डिभिजन वन डिभिजन वन कार्यालय,वाइविसे सिन्धुपाल्चोक ।

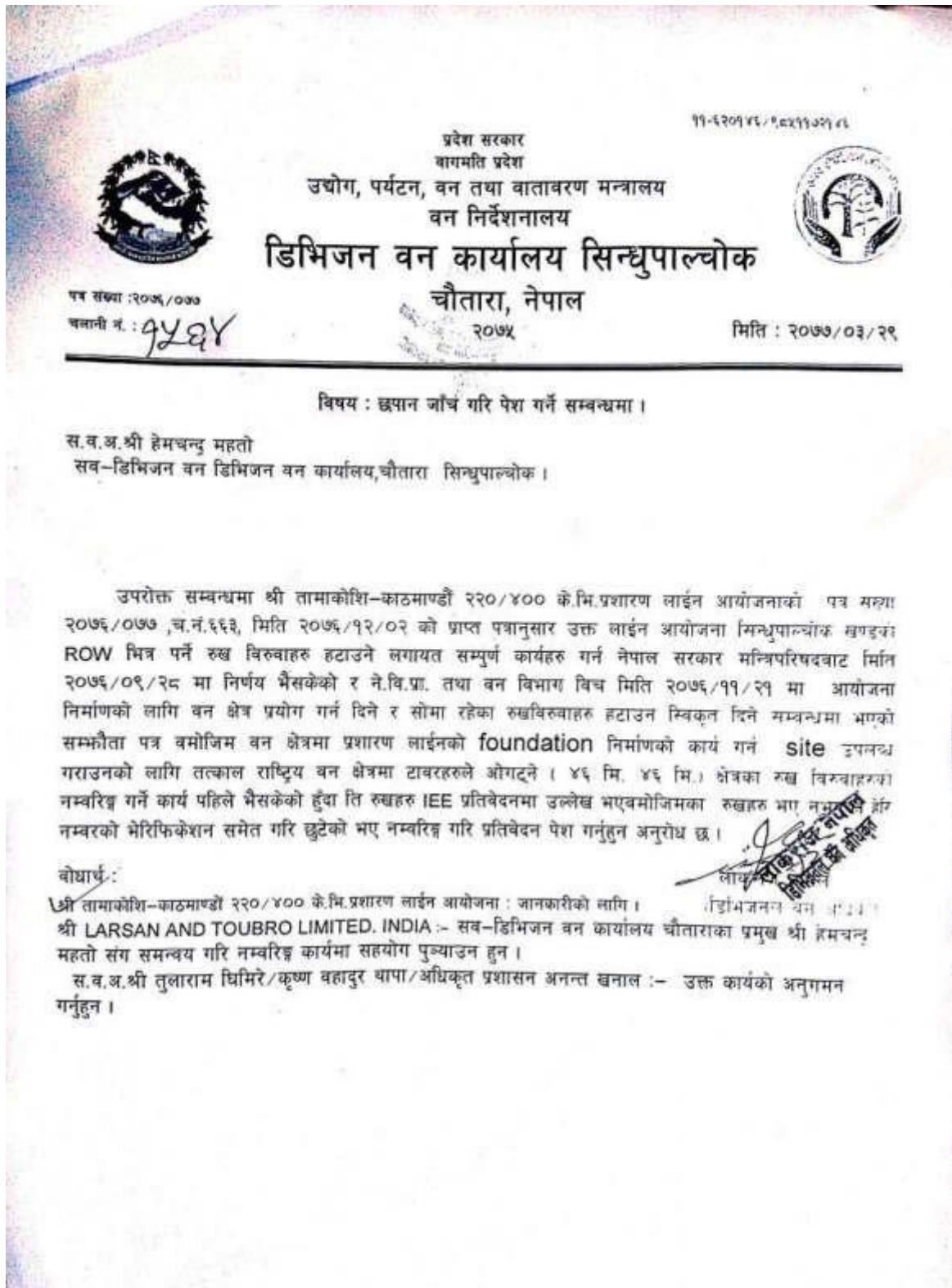
उपरोक्त सम्बन्धमा श्री तामाकोशी-काठमाण्डौ २२०/४०० के.भि.प्रसारण लाईन आयोजनाको पत्र संख्या २०७६/०७७, च.नं.६६३, मिति २०७६/१२/०२ को प्राप्त पत्रानुसार उक्त लाईन आयोजना सिन्धुपाल्चोक खण्डको ROW भित्र पर्ने रुख विरुवाहरु हटाउने लगायत सम्पूर्ण कार्यहरु गर्न नेपाल सरकार मन्त्रिपरिषदबाट मिति २०७६/०९/२८ मा निर्णय भैसकेको र ने.वि.प्रा. तथा वन विभाग विच मिति २०७६/११/२१ मा आयोजना निर्माणको लागि वन क्षेत्र प्रयोग गर्न दिने र सोमा रहेका रुखविरुवाहरु हटाउन म्वकन दिने सम्बन्धमा भागको सम्मौता पत्र बमोजिम वन क्षेत्रमा प्रसारण लाईनको foundation निर्माणको कार्य गर्न site उपलब्ध गराउनको लागि तत्काल राष्ट्रिय वन क्षेत्रमा टावरहरुले ओगट्ने (४६ मि. ४६ मि.) क्षेत्रका रुख विरुवाहरुको नम्बरिङ गर्ने कार्य पहिले भैसकेको हुँदा ति रुखहरु IEE प्रतिवेदनमा उल्लेख भएबमोजिमका रुखहरु भाग नभएको हेर नम्बरको भेरिफिकेशन समेत गरि छुटेको भए नम्बरिङ गरि प्रतिवेदन पेश गर्नुहुन अनुरोध छ ।

बोधार्थ :-

श्री तामाकोशी-काठमाण्डौ २२०/४०० के.भि.प्रसारण लाईन आयोजना : जानकारीको लागि ।
श्री LARSAN AND TOUBRO LIMITED. INDIA :- सब-डिभिजन वन कार्यालय वाइविसेका प्रमुख श्री कृष्ण प्रसाद पौडेलसँग समन्वय गरि नम्बरिङ कार्यमा सहयोग पुऱ्याउन हुन ।
स.व.अ.श्री तुलाराम घिमिरे/कृष्ण बहादुर थापा/अधिकृत प्रशासन अनन्त खनाल :- उक्त कार्यको अनुगमन गर्नुहुन ।

(१३/३८)
श्री तामाकोशी-काठमाण्डौ २२०/४०० के.भि.प्रसारण लाईन आयोजना
डिभिजन वन कार्यालय,वाइविसे सिन्धुपाल्चोक

Tree tagging permission letter for Barhabise Area



Tree tagging permission letter for Chautara Area

पत्र संख्या : २०७६/०७७

चलानी नं. : १४६३

प्रदेश सरकार

बागमती प्रदेश

उद्योग, पर्यटन, वन तथा वातावरण मन्त्रालय

वन निर्देशनालय

डिभिजन वन कार्यालय सिन्धुपाल्चोक

चौतारा, नेपाल

२०७५

११-६२०१४६, १८४११७२१ ४६

मिति : २०७७/०३/२९

विषय : छपान जाँच गरि पेश गर्ने सम्बन्धमा ।

स.व.अ.श्री हेमचन्द्र महतो

सब-डिभिजन वन डिभिजन वन कार्यालय, जलविरे सिन्धुपाल्चोक ।

उपरोक्त सम्बन्धमा श्री तामाकोशी-काठमाण्डौ २२०/४०० के.भि.प्रसारण लाईन आयोजनाको पत्र मस्य २०७६/०७७, च.नं.६६३, मिति २०७६/१२/०२ को प्राप्त पत्रानुसार उक्त लाईन आयोजना सिन्धुपाल्चोक खण्डको ROW भित्र पर्ने रुख विरुवाहरु हटाउने लगायत सम्पूर्ण कार्यहरु गर्न नेपाल सरकार मन्त्रिपरिषदबाट मिति २०७६/०९/२८ मा निर्णय भैसकेको र ने.वि.प्रा. तथा वन विभाग विच मिति २०७६/११/२१ मा आयोजना निर्माणको लागि वन क्षेत्र प्रयोग गर्न दिने र सोमा रहेका रुखविरुवाहरु हटाउन स्विकृत दिने सम्बन्धमा भएको सम्झौता पत्र बमोजिम वन क्षेत्रमा प्रसारण लाईनको foundation निर्माणको कार्य गर्न site उपलब्ध गराउनको लागि तत्काल राष्ट्रिय वन क्षेत्रमा टावरहरुले ओगट्ने (४६ मि. ४६ मि.) क्षेत्रका रुख विरुवाहरुका नम्बरिङ गर्ने कार्य पहिले भैसकेको हुँदा ति रुखहरु IEE प्रतिवेदनमा उल्लेख भएबमोजिमका रुखहरु भाग नभागको हार नम्बरको भेरिफिकेशन समेत गरि छुटेको भए नम्बरिङ गरि प्रतिवेदन पेश गर्नुहुन अनुरोध छ ।

बोधार्थ :-

श्री तामाकोशी-काठमाण्डौ २२०/४०० के.भि.प्रसारण लाईन आयोजना : जानकारीको लागि ।

श्री LARSAN AND TOUBRO LIMITED, INDIA :- सब-डिभिजन वन कार्यालय जलविरेका प्रमुख श्री हेमचन्द्र महतो संग समन्वय गरि नम्बरिङ कार्यमा सहयोग पुऱ्याउन हुन ।

स.व.अ.श्री तुलाराम घिमिरे/कृष्ण बहादुर थापा/अधिकृत प्रशासन अनन्त खनाल :- उक्त कार्यको अनुगमन गर्नुहुन ।

सिन्धुपाल्चोक
डिभिजन वन कार्यालय
जलविरे

Tree tagging permission letter for Jalbire Area
Annex- 15 Letter of Recommendation

बलेफी गाउँपालिका

७ नं. वडा कार्यालय

खाडिचौर, बलेश्वरपोखरा

फोन नं. ०११-४८२१५१

बागमती प्रदेश

मिति: २०७७/०४/२५

प.सं.०७७/७८
च.नं. ४८

विषय : सिफारिस सम्बन्धमा ।

श्री आयोजना प्रमुख ज्यू,
तामाकोशी-काठमाडौं २२०/४०० के.मी.
प्रसारण लाइन आयोजना,
खरिपाटी, भक्तपुर ।

प्रस्तुत विषयमा यस बलेफी गाउँपालिका वडा नं. ७ बस्ने डिल्लीराम पराजुली सहितको निवेदन अनुसार बलेफी गाउँपालिका वडा नं. ७ बस्ने टिकामाया पराजुली, मातृका पराजुली र कविता पराजुलीको छुट्टाछुट्टै नाममा दर्ता कायम भएको साविक माखा गाविस वडा नं. ६ को जग्गामा तामाकोशी-काठमाडौं २२०/४०० के.मी. प्रसारण लाइन आयोजनाको टावर नं.१५ निर्माण गर्ने क्रममा जग्गाभावी जग्गा खती निर्माण गरेकोले निजहरूको खेती योग्य जमिन र घर समेत उच्च जोखिम हुनेगरी निजहरूले पैसा लिएको भन्दा पनि वडा जग्गा खन्ने र पुर्ने कार्य भएको र सो जग्गा संरक्षण गरिदिनुपर्ने भन्दा साईडमा आजने इन्चार्जहरूले कुनै पनि कुरा नसुनेको र निजहरूको घरमा वर्षातको समयमा बस्ने नसक्ने अवस्था भएकोले सो घरमुनी व्यवस्थित गर्नको लागि मेसिनरी वाल लगाई निजहरूको घर जग्गा संरक्षण गरिदिनको लागि सिफारिस माग भएको हुँदा सोही बमोजिम गरिदिनुको साथै सो पहिरोले पछि भयावह रूप लिने सम्भावना भएकोले समयमै नियन्त्रण गर्न सो प्रसारण लाईनमा सम्बद्ध व्यक्ति तथा संस्थालाई ध्यानाकर्षणको लागि सिफारिस साथ अनुरोध छ ।

१.११.२०७७.....
कार्कल लामा
वडा अध्यक्ष
कार्कल लामा
वडा अध्यक्ष



Annex- 16 List of participants in Occupational Safety Training

10	Ayazuddin	Fitter	—	Ayazuddin
11	Mahirul Islam	Fitter	—	Mahirul Islam
12	Mobarak Ali	Fitter	—	—
13	Ali Akram	Fitter	—	ALI AKRAM
14	Samirul	Fitter	—	Samirul
15	Dilbar Hudaib	Fitter	—	DILBAR
16	Rafikul	Fitter	—	Rafikul
17	MD Amir	—	—	MD Amir
18	MD Makim	—	—	MD Makim
19	AKMAT Ali	—	—	AKMAT Ali
20	Saidul Rahman	—	—	Saidul Rahman
21	Ansarul	—	—	Ansarul
22	Masibul Haque	—	—	Masibul Haque
23	Anil	—	—	Anil
24	Samim Akhtar	—	—	Samim Akhtar
25	Kamrul Jamal	—	—	Kamrul Jamal
26	MD Karim	—	—	MD Karim
27	Saiful Ali	—	—	Saiful Ali
28	Afzal Hudaib	—	—	Afzal Hudaib

List of Labor Participants from AP42/0

PAGE: / /
DATE: / /

डाउन मिति २०७७ बुध २ गते बिहिवारका दिन नेपाल सरकार, नेपाल विद्युत प्राधिकरणको संयुक्त लगानी र एशियाली विकास बैंक (ADB) को सहोपयोगी संचालित तामाकोशी - काठमाडौं २२०/४०० के.वी प्रशासकीय लाइन आयोजना विस्तार गर्ने क्रममा पेशागत सुरक्षा मापदण्ड अपनाई सुरक्षित कातावण, एशियाली विकास बैंक र PMDले जारी गरेको SOP मा अभिहित गरिएका सुरक्षा मापदण्ड लाई अपनाउँदै निर्माण कार्यलाई अघि बढाउने हेतुले आयोजना निर्माण कार्यमा लहिएका निर्माण व्यवसायीका अभिकर्ता मास नेपाल विद्युत प्राधिकरण कातावण तथा सामाजिक अध्ययन विभाग अन्तर्गत कातावण तथा सामाजिक इकाई कार्यालय काडीचौर सिन्धुपाल्चोक को आयोजनामा फर्मो इन्टर प्रेसा ITECO / RIMC/MESS / TMS SU द्वारा सिन्धुपाल्चोक जिल्ला बनेफी गा.प.५ मा संचालित निम्न कार्यक्रमहरू तपशिल क्रमजिको उपस्थिति संचालन गरियो ।

कार्यक्रमहरू :

- १) Health and Sanitation Program (स्वास्थ्य तथा सफाई कार्यक्रम)
- २) Occupational Safety Training (पेशागत सुरक्षा तालिम)

उपस्थिति :

क्र.सं.	नाम / थर	हस्ताक्षर	क्रियत
१.	शिवराम विमल		
२.	प्रह्लाद भट्टराई	महेश्वर	
३.	प्रदिप कु. अधिकारी	प्रदिप	
४.	मनिका कुमारी पाठक	Trainer - RMC	
५.	विश्व पस्ताकोशी	Trainer	
६.	माल केशुर नेपाली	मान	
७.	राम भुजेल	राम	
८.	विमल नेपाली	विमल	
९.	दावा दावा लम्सु	दावा	
१०.	प्रासाद तामा	प्रासाद	

PAGE : DATE :		PAGE : DATE : /	
११	विमल नेवाली		
१२	विक्रम रायाम		
१३	विजय रायाम		
१४	सागर लामा		
१५	सोनी		
१६	शिला		
१७	लाल व.		
१८	सुन		
१९	Rajiv lama		
२०	Omash lama		
२१	Pradeep K. Shrestha		
२२	Nishu		
२३	Mahendra Shrestha		

List of Labor Participants from AP21B/0
Annex- 17 List of participants in Health and Sanitation Program

आज मिति २०७७ असार २७ गते मंगलबार का दिन नेपाल सरकार, नेपाल विद्युत प्राधिकरण को संयुक्त लगानी र एशियाली विकास बैंक (ADB) को क्रेण सहयोगमा संचालित सामाजिकी - वातावरण २२०/४०० के मि. घन्टारो लागत आमीजन विस्तार गे भ्रममा स्वास्थ्य सुरक्षा अपनाई सुरक्षित वातावरण मा एशियाली विकास बैंक र PMO ले जारी गरेको SOP मा उल्लिखित गरीएका सुरक्षा मापकहरु लक्षि अपनाउने निर्देश जारीलाई अघि बढाउने हेतुले आमीजन मितिको खरिद निर्माण कार्यसमी का समिष्टिद्वारा माथि नेपाल विद्युत प्राधिकरण, वातावरण तथा सामाजिक अध्ययन विभाग अर्न्तगत वातावरण तथा सामाजिक इकाई कार्यलय बगैँचौर, सिन्धुपाल्चोक को आमीजनमा परामर्शी दातृ संस्था HECO/REMC/NESS/TMS JV द्वारा कार्यपालकको पिल्ला भोजनकेन्द्र न.५ वडि मा संचालित Health and Safety को (स्वास्थ्य तथा सुरक्षा कार्यलय) तालिम समीपमि उपरिगतीमा संचालित गरीयो ।

ক্রম	নাম	পদ	স্বাক্ষর
১	মি. বিজয়	SSO/ESSD-NEA	
২	মি. মাহবুব	SSO/ESSD-NEA	
৩	মি. মাহবুব	SSO/ESSD-NEA	
৪	মি. মাহবুব	Trainer - R2MC	
৫	মি. মাহবুব	Site Incharge - LST	
৬	মি. মাহবুব	EMS - Engineer - LST	
৭	মি. মাহবুব	Site Supervisor LST	
৮	মি. মাহবুব	Engg. Leader - ROBD	
৯	মি. মাহবুব	Filter -	
১০	মি. মাহবুব	Filter -	
১১	মি. মাহবুব	Filter -	

12	Sahidul Haque	Filter	—	—
(13)	Mobarak Ali	—	—	—
14	Ali Akram	Filter	—	ALI AKRAM
15	Samirul	Filter	—	Samirul Hossain
16	Dibbar Hussain	Filter	—	—
17	MD Asim	—	—	—
(18)	Rafikul	—	—	—
19	MD Mokim	—	—	—
(20)	Akmat Ali	—	—	—
21	Saidul Rahman	—	—	—
22	Ahsanul	—	—	—
23	Hossain Haque	—	—	—
24	Aliul	—	—	—
25	Samim Akthar	—	—	—
26	Kamrul Jamal	—	—	—
27	MD Roish	—	—	—
28	Saiful Ali	—	—	—
29	Afzal Hussain	—	—	—

List of Labor Participants from AP 42/0

DATE : / /

आज मिति २०७७ पुस २ गते बिर्तामोड दिन नेपाल सरकार, नेपाल विद्युत प्राधिकरण को संयुक्त लगानी र एसियाली विकास बैंक (ADB) को त्रिज सहयोगमा संचालित तामाकोशी-काठमाडौं २२०/४०० के.वी प्रसारण लाइन आयोजना विस्तार गर्ने क्रममा रोजगार विस्थापन र पेसागत मुला मारुण्ड अपनाउँदै मुलुकित वातावरण, एसियाली विकास बैंक र PMD ने जारी गरेको २०१३मा अंगिकृत गरिएको मुला मारुण्ड अपनाउँदै निर्माण कार्यलाई आदि कडाईने हेतुले आयोजना निर्माणकार्यमा कसिका निर्माण रोकसाथीका अभिकर्ता नाम नेपाल विद्युत प्राधिकरण वातावरण तथा सामाजिक अध्ययन विभाग अन्तर्गत वातावरण तथा सामाजिक अध्ययन इकाई कार्यालय काठमाडौं सिन्धुपाल्चोक को आयोजनामा परामर्श दातृ संस्था ITCO (RMC) NECS/TMS उपस्थित भएर सिन्धुपाल्चोक जिल्ला वनेकी गा.पा. ०८ मा संचालित निम्न कार्यक्रमहरू तपश्चिल कमिजिमको उपस्थिति मा संचालन गरियो।

कार्यक्रमहरू :

- १) Health and Sanitation Program (स्वास्थ्य तथा सरसफाई कार्यक्रम)
- २) Occupational Safety Training (पेशागत मुला मारुण्ड)

उपस्थिति :

१. महेन्द्र मर्याद	महोदय
२. प्रदिप कुमारी अधिकारी	महोदय
३. शिवराम छिमाल	
४. विश्व वस्ताकोशी	Trainer
५. मनिषा कुमारी पाठक	Trainer RMC
६. दिपक आचार्य	
७. लक्ष्मी शर्मा	
८. विष्णु शर्मा	
९. नरेश महेन्द्र	
१०. माधव डोल्	
११. प्रदिप अ. पुन	
१२. राम राम वि. ०८	

		PAGE : DATE : / /	PAGE : DATE : / /
93	नकेन्द घाँसि नगर		नकेन्द घाँसि
94	कृष्ण ल तमाड		कृष्ण ल तमाड
95	विमान तमाड		विमान तमाड
96	अनन्त बहादुर घाँसि		अनन्त बहादुर घाँसि
97	गोपीश बिक्रम		गोपीश बिक्रम
98	सुन्दर बहादुर		सुन्दर बहादुर
99	विमान पुष्प		विमान पुष्प
100	नन्द		नन्द
21	अनन्त बहादुर घाँसि नगर		अनन्त बहादुर घाँसि
22	सुन्दर बहादुर		सुन्दर बहादुर
23	पुष्प बहादुर		पुष्प बहादुर
24	मान बहादुर		मान बहादुर
25	विमान पुष्प		विमान पुष्प
26	गोपीश पुष्प मगा		गोपीश पुष्प मगा
27	नाथराज राणा धोत्रा		नाथराज राणा धोत्रा
28	बल बहादुर		बल बहादुर
30			

List of Labor participants from AP14/1

Annex- 18 Labor Screening and medical checkup Sample

EMPLOYEE WORK EXPERIENCE

SL	Name of the Organization	Period	Category	Period	Qualification
1					
2					
3					
4					
5					

Fully qualified in Mathematics.
Involved in some Mathematics Olympiad and contests.

Reference no. 2004/2005 for
is skills for employment as Teacher

2004-2005 Teacher

TEACHING EXPERIENCE

Worked and qualified for 10th class of the State.

10th

Appointed for employment by 10th 2004/2005
School No. GOVT. ENL. College, Narasimharajapuram

Appointed 10th standard and works as a regular teacher.

10th

Very sincere.

The document is a form with several sections and handwritten entries. At the top, there is a header with a logo and the text "Department of Health and Human Services". Below this, there are several lines of text, including "Patient Name", "Date of Birth", "Sex", "Race", "Ethnicity", "Religion", "Marital Status", "Occupation", "Education", "Income", "Insurance", "Referral Source", "Referral Date", "Referral Physician", "Referral Facility", "Referral Reason", "Referral Date", "Referral Physician", "Referral Facility", "Referral Reason".

The form is filled with handwritten text in blue ink. Some of the visible text includes "Patient Name", "Date of Birth", "Sex", "Race", "Ethnicity", "Religion", "Marital Status", "Occupation", "Education", "Income", "Insurance", "Referral Source", "Referral Date", "Referral Physician", "Referral Facility", "Referral Reason".

At the bottom right, there is a large circular stamp with the text "Department of Health and Human Services" and "Office of the Inspector General". The stamp also contains the text "Office of the Inspector General" and "Office of the Inspector General".

The document is a form with several sections and handwritten entries. At the top, there is a header with a logo and the text "Department of Health and Human Services". Below this, there are several lines of text, including "Patient Name", "Date of Birth", "Sex", "Race", "Ethnicity", "Religion", "Marital Status", "Occupation", "Education", "Income", "Insurance", "Referral Source", "Referral Date", "Referral Physician", "Referral Facility", "Referral Reason".

The form is filled with handwritten text in blue ink. Some of the visible text includes "Patient Name", "Date of Birth", "Sex", "Race", "Ethnicity", "Religion", "Marital Status", "Occupation", "Education", "Income", "Insurance", "Referral Source", "Referral Date", "Referral Physician", "Referral Facility", "Referral Reason".

At the bottom right, there is a large circular stamp with the text "Department of Health and Human Services" and "Office of the Inspector General". The stamp also contains the text "Office of the Inspector General" and "Office of the Inspector General".

Medical Card

Pharmacy: **Madhyapashchim Pharmacy**
 Registered Pharmacist: **Dr. Subrata Das, B.Sc., M.Ph., NCT-17, Kumbhariya Road, Patna-85**

Name: _____ Sex: _____ Age: _____
 Address: _____ Telephone: _____
 Office Home: _____

Tenure: _____ Days: _____ Blood Pressure: _____
 Cholesterol: _____ Diabetes: _____

Prescription: _____
 Investigations: _____

Signature: _____
 Date: _____

PHOTOGRAPHS

A. New Khimti – Barhabise TL section

Plate 1: Meeting with local level representative about compensation amount



Plate 2: Meeting with President and Vice-President of Melung Rural Municipality



Plate 3: Meeting with locals at Lakuridanda-9 regarding rate of land



Plate 4: Foundation concreting of leg C, AP 22/0 local



Plate 5: Foundation concreting of leg B, AP 22/0



Plate 6: Foundation concreting of leg C, AP 22/0



Plate 7: Meeting with CDO of Dolakha regarding notice publication



Plate 8: Meeting with staff of Divisional Forest Office, Dolakha



Plate 9: Meeting with Amalekharka CFUG members



Plate 10: Meeting with Sitakunda CFUG members



Plate 11: Meeting with Charnawati CFUG members



Plate 12: Meeting with Napke Yanmara CFUG members



Plate 13: Stamping of trees at AP 10/1



Plate 14: Stamping of trees at AP 24/1



Plate 15: Stamping of trees at AP 13/0



Plate 16: Consultation with Paleko Sajheko Salkhoriya

CFUG members



Plate 17: Meeting with Charnawati CF User Committee

Plate 18: Discussion with Sitakunda CFUG members at
tower location



Plate 19: Labors working at storage yard using required PPEs



Plate 20: Storage of TL conductor in storage yard



Plate 21: Foundation concreting at AP 26



Plate 22: Form work for concreting of chimney



Plate 23: Hand washing facility available in site



Plate 24: Safety signs regarding COVID-19 at site



Plate 25: Disinfecting the vehicle from COVID-19



Plate 26: Measuring body temperature of labors



Plate 27: Provision of Hand sanitizers in storage yard



Plate 28: First Aid box in construction site



Plate 29: Site verification of AP 44/0 at Chautara Village

Plate 30: Meeting with CDO of Dolakha district about
land acquisitionPlate 31: Meeting with Chief officer of Land Revenue
Office about the land acquisition

Plate 32: Tree marking at AP 36



Plate 33: Tree stamping at AP 25



Plate 34: Measuring of tree logs by forester after felling



Plate 35: Social survey at Bishnu tole of Bhimeswar

Municipality-5



Plate 36: Safety instruction at entry of storage yard



Plate 37: Fire safety at storage yard

Plate 38: Tower materials stocked at storage yard



Plate 39: GRC formation at Melung RM -1

Plate 40: GRC formation at Bhimeswor Municipality-5

B. Barhabise – Changunarayan TL section

Plate 1: Excavation work in AP37/0



Plate 2: Excavation work in AP21/0



Plate 3: Excavation work in progress (AP 46/0)



Plate 4: Tower foundation work, AP46/0



Plate 5: Men at work, AP 21/0



Plate 6: Men at work, AP 22/0



Plate 7: Tower foundation work in progress, Mandan
Deupur



Plate 8: Tower foundation work in progress, Irkhu



Plate 9: Men at work in tower foundation



Plate 10: Tower protection work in AP40/0



Plate 11: Tower protection/ slope stabilization
revetment work, AP6/0



Plate 12: Monitoring of tower protection work, AP15/0



Plate 13: Monitoring of tower protection work, AP15/0



Plate 14: Measuring of road in AP15/0, besides pit D



Plate 15: Compliance monitoring at AP 34/0



Plate 16: Compliance monitoring at AP 21/0



Plate 17: Tower erection in Progress, AP 42/0



Plate 18: Tower erection in Progress, AP 5A/0



Plate 19: Men at work, AP 5A/0



Plate 20: Tower erection in progress, AP 44/0



Plate 21: Compliance monitoring, AP 5A/0



Plate 22: Tree marking at Mandan Deupur area



Plate 23: Tree cutting at Mandan Deupur area



Plate 24: Tree marking/hammer seal under progress



Plate 25 & 26: Tree marking at Balephi area



Plate 27: Tree cutting in AP21/0



Plate 28: Piling of tree logs at Mandan Deupur area



Plate 29: Firewood & Timber stacking, piling monitoring



Plate 30: Firewood stacking monitoring



Plate 31: Discussion with CFUG, Falate Kalika CF



Plate 32: Discussion with CFUG, Devasthan CF



Plate 33: Discussion with PAFs & CFUGs, AP 34/0



Plate 34: Discussion with CFUG, Tamakhani CF



Plate 35: Discussion with CFUG, Botesipa



Plate 36: Discussion with ward officials in Thulo Sirubari



Plate 37: Discussion with PAFs, AP 21/0



Plate 38: Discussion with PAFs, AP 34/0



Plate 39: Site clearance, PAFs discussion, AP 5/0

Plate 40: Orientation for RP household survey
enumeratorsPlate 41: Discussion with PAFs for location clearance,
AP 3A/0

Plate 42: Discussion with PAFs at Mandan Deupur-1



Plate 43: Discussion with PAFs at Balephi-8, AP12A/0



Plate 44: Discussion with PAFs at Balephi-8



Plate 45: Discussion with PAFs at Barhabise-3



Plate 46: GRC formation meeting at Mandan Deupur-8



Plate 47: GRC formation meeting at Barhabise-4



Plate 48: First kid placed in tower location



Plate 49: First Aid box monitoring at temporary labor camp



Plate 50: Temporary labor camp



Plate 51 & 52: Worker's body temperature measurement before starting of construction work



Plate 53: Daily safety instruction before starting work



Plate 54: Health and Sanitation training for labors



Plate 55: Occupational Safety Training conducted for



Plate 56: Health and Sanitation Program conducted for laborers



Plate 57: Occupational safety training for laborers



Plate 58: Training for laborers



Plate 59: Health and Sanitation Program for Laborers,



Plate 60: Occupational Safety Training for laborers, AP21B/0 AP14/1



Plate 61 & 62: COVID-19 information leaflet being distributed among labors



Plate 63: Labor participants in Health and Sanitation Program & Occupational Safety Training



Plate 64: Social Awareness Program in Sano Palate, Barhabise



Plate 65 & 66: Social Awareness Program at Thulo Sirubari, Sindhupalchowk