

Environmental Safeguards Monitoring Report

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3rd Semi-Annual Report

Reporting Period: Jan 2025 to Jun 2025

Date: 07 July 2025

Title of the Project

Uttarakhand Climate Resilient Power System Development Project

Loan No.-4402

Grant No.-9238

Prepared by the **POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD. ON BEHALF OF GOVERNMENT OF UTTARAKHAND, INDIA** for the Asian Development Bank

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ABBREVIATIONS

ADB	Asian Development Bank
PTCUL	Power Transmission Corporation of Uttarakhand Limited
UPCL	Uttarakhand Power Corporation Ltd.
UKPCB	Uttarakhand Pollution Control Board
ASI	Archeological Survey of India
dB	Decibels
EA	Executing Agency
EARF	Environmental Assessment and Review Framework
EIA	Environmental Impact Assessment
EMA	Environment Monitoring Agency
EMP	Environmental Management Plan
ESMC	Environmental and Social Management Cell
ESMU	Environmental and Social Management Unit
GHG	Greenhouse Gas
GOU	Government of Uttarakhand
GOI	Government of India
GRC	Grievance Redressal Committee
IA	Implementing Agency
IEE	Initial Environmental Examination
Ltd.	Limited
NO ₂	Nitrogen dioxide
PM ₁₀	Particulate Matter (Size less than 10µm)
PM _{2.5}	Particulate Matter (Size less than 2.5µm)
PMU	Project Management Unit
ROW	Right of Way
S/S	Substation
SEIA	Summary Environmental Impact Assessment
SIEE	Summary Initial Environmental Examination
SO ₂	Sulphur dioxide
T&D	Transmission and Distribution
PISC	Project Implementation & supervision Consultants
PPIU	PTCUL Project Implementation Unit

Electrical Terminology

V	Volt	Unit of Voltage
kV	Kilovolt	1000 volts
W	Watt	Unit of active power
kW	Kilowatt	1000 watts
MW	Megawatt	1000 kW
MWh	Mega watt hour	Unit of energy
VA	Volt ampere	Unit of apparent power
MVA	Million-volt ampere	10 ⁶ VA
LLO	Line-in-Line-Out	

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EXECUTIVE SUMMARY

Under the provisions of the Uttar Pradesh Reorganization Act 2000, enacted on 25 August 2000, the state of Uttaranchal¹ was carved out of Uttar Pradesh on 9 November 2000 as the 27th state of India. It borders Nepal to the east, Indian states of Uttar Pradesh to the south, Himachal Pradesh to the west and northwest, and Haryana on its southwestern corner. Uttarakhand's population of 10,086,292 (Census of India, 2011), makes it the 20th most populous state in India.

The power sector in Uttarakhand has been unbundled under the Electricity Act 2003 into three independent utilities:

- Uttarakhand Jal Vidyut Nigam Limited (UJVNL) for power generation;
- Power Transmission Corporation of Uttarakhand (PTCUL) for transmission and;
- Uttarakhand Power Corporation Limited (UPCL) for distribution.

The state's total installed electricity generation capacity was 3,356 MW as of March 2018. Of this, 1,816 MW (54.11%) is generated from hydropower, 520 MW (15.5%) from natural gas, 440 MW (13.1%) from coal, 547 MW (16.3%) from other renewable energy (0.07% from small hydro, wind and solar) and 31 MW (0.92%) from nuclear sources.² It experienced a peak energy deficit of 0.7% in FY2017-2018 and is anticipating 3% energy shortage in FY2018-2019.³ To bridge the energy gap, a number of generation projects are in various stages of implementation. Hydropower potential in Uttarakhand is estimated to be 25,000 MW, of which only 3,600 MW have been developed. About 5,500 MW of new hydropower plants are under construction in four river basins of Uttarakhand (Bhagirathi, Alaknanda, Sharda and Yamuna). However, the capacity of the present transmission system is not sufficient to evacuate the power generated from the proposed new hydropower stations. Thus, the expansion of transmission network will play a vital role not only in evacuating power from new generation projects to load centers efficiently but also in reducing power purchase cost which otherwise need to be purchased from expensive gas-based power plants or short-term power from central exchange.

Considering the requirement of future load growth in Kumaon and Garhwal Zone of Uttarakhand state, N-1 contingency and reliability of Power Supply, Enhanced power handling capability, reliable supply for industrial growth in the state, help to meet United Nations Sustainable Development Goal Number Seven (SDG- 7) and helpful in improving PTCUL system availability and grid stability, Uttarakhand Transmission Strengthening and Distribution Improvement Project (UTSDIP) scheme was envisaged and approved in 2nd Inter Corporation Co-ordination Committee Meeting (ICCC) dated 07.01.2021 comprising of UPCL, UJVNL and PTCUL and 78th BoD Meeting of PTCUL dated 23.12.2021. Hence different projects of lines & sub-stations were taken in Garhwal and Kumaon Zone under "Uttarakhand Climate Resilient Power System Development Project" formally known as Uttarakhand Transmission Strengthening and Distribution Improvement Project (UTSDIP) under ADB funding.

Uttarakhand Climate Resilient Power System Development Project (PTCUL)			
Executing Agency	Government of Uttarakhand		
Implementing Agency	Power Transmission Corporation of Uttarakhand Ltd.		
Environment Safeguards Categorization	Category-B		
Environment Safeguards Documentation	IEE		
Project Stage Obtained	Package 1	Lot 1	Construction Phase
		Lot 2	Construction Phase
	Package 2		Construction Phase
	Package 3	Lot 1	Construction Phase
		Lot 2	Construction Phase
	Package 4	Lot 1	Design Phase
		Lot 2	Design Phase
	Package 5		Dropped
Detailed Design Required Post- Approval	Package 1	Lot 1.	Yes, the substation land has been handed over to the contractor. Technical design and engineering, work has been started at site.
		Lot 2	
	Package 2		Yes. The substation land has been handed over to the contractor. Technical design and engineering work has been started.
	Package 3	Lot 1	Site has handed over to contractor, Technical Design work has started
		Lot 2	Site has handed over to contractor, Technical Design work i.e. line survey tower profile, tower schedule has been completed and supply materials have reached at site.
	Package 4	Lot 1	Site has handed over to contractor, Technical Design work has started
		Lot 2	Site has handed over to contractor, Technical Design work has started
	Package 5		Dropped
	Package 6		Tender Yet to be floated

Contract(s) Awarded	Package 1 (Lot-1): Contract Awarded Package 1 (Lot-2): Contract Awarded Package 2: Contract Awarded Package 3 (Lot-1): Contract Awarded Package 3 (Lot-2): Contract Awarded Package 4 (Lot-1): Contract Awarded Package 4 (Lot-2): Contract Awarded Package 5: Dropped Package 6: Tender to be awarded
Bidding Document(s) Include EMP Cleared by ADB	Yes
Contract(s) Awarded Include EMP Cleared by ADB	EMP plan as per approved Bidding Document has been made part of the contract agreement of Package-1(Lot-1, 220 KV GIS Selaqui) & (Lot-2, Construction of 4 Nos 132 KV GIS i.e. Araghar, Dhaulakhera, Khatima-II, Lohaghat), Package-2 (220 KV AIS Mangalore) and Package - 3 (Lot -2 Construction of (a) LILO of 132 kV Manglore-Asahi Line & Manglore-Air Liquid Line at 220 KV S/s Manglore (b) LILO of 132 kV Kathgodam-Rudrapur Line at 132 kV Substation Dhaulakhera (Haldwani) (c) LILO of 132 kV Khatima-Sitarganj Line at proposed 132/33 kV Substation Khatima-II & (d) Stringing of second circuit of 132 KV D/C Transmission Line on Panther conductor From Pithoragarh (PGCIL) -Champawat (Lohaghat)). Package 4 (Lot -1, LILO of 220 kV Khodri-Jhajra line at proposed 220 kV Substation Selaqui Dehradun with Underground Cable, -Lot -2 -, LILO of 132 kV Majra-Laltappar line at proposed 132 kV Substation Araghar Dehradun through 132 kV Underground Cable)) In the EMP Plan which was part of contract agreement, it is mentioned therein that "...The definitive version of the project-level EMP cleared by ADB is the most recent version disclosed on its website. The EMP is dynamic and can be updated as appropriate during the project implementation. However, any update to the EMP will first need to be cleared by ADB..." Therefore, the latest version of EMP, cleared by ADB, shall be followed in all contracts. Contractors have been apprised of the same
National Environment, Health and Safety Clearance(s) Obtained	Environment Clearance is not applicable to the substation project as they do not fall under the purview of the EIA Notification, 2006. However, all other applicable national and state-level environment, health, and safety regulatory requirements have been fully complied with. Occupational health and safety measures have been implemented in accordance with relevant labour and safety regulations. The trees cutting permissions for Dhaulakhera has been obtained from the Forest Department. The Labour License has been issued from the competent authority for the contract Package 1 (Lot-1 & Lot - 2) , Package 3 Lot-1 (Enclosed) Labour License for Package 3 (Lot-2) has been already applied, obtaining labour license from Competent authority is in under process.

	Necessary Formalities regarding industrial-/non-industrial category of CPCB industrial classification NOC from State Pollution control board have been completed, State pollution control Board mentioned their letter that the Project of Dhaulakhera and Lohaghat is not covered under Industrial/Non industrial category of CPCB of Industrial classification-2016.
Contractor(s) Given Access to Site	Package 1 (Lo1-1): Yes Package 1 (Lo1-2): Yes Package 2: Yes Package 3 (Lo1-1): Yes Package 3 (Lo1-2): Yes Package 4 (Lo1-1): Yes Package 4 (Lo1-2): Yes Package 5: Dropped Package 6: Nil
Construction Progress (%)	Package 1 (Lot-1): Selaqui SS, Dehradun: 49%
	Package 1 (Lot-2): Araghar SS, Dehradun: 17%
	Package 1 (Lot-2): Dhaulakhera SS, Nainital: 25%
	Package 1 (Lot-2): Khatima-II SS, US Nagar: 38%
	Package 1 (Lot-2): Lohaghat SS, Champawat: 25%
	Package 2: 20%
	Package 3 (Lo1-1): 10%
	Package 3 (Lot1-2):- LILO of 132 kV Manglore-Asahi Line & Manglore-Air Liquid Line :- 0%
	Package 3 (Lot1-2) LILO of 132 kV Kathgodam-Rudrapur 0%
	Package 3 (Lot1-2): - LILO of 132 kV Khatima-Sitarganj Line: - 0%
	Package 3 (Lot1-2):- Stringing of second circuit of 132 KV D/C Transmission Line on Panther conductor From Pithoragarh (PGCIL) -Champawat (Lohaghat): - 5%
	Package 4 (Lo1-1): 0%
	Package 4 (Lo1-2): 0%
	Package 5: Dropped
	Package 6: 0%
Unanticipated Impacts including Change of Scope or Design	Package 1 (Lo1-1): Nil Package 1 (Lo1-2): Nil Package 2: Nil Package 3 (Lo1-1): Nil Package 3 (Lo1-2): Nil Package 4 (Lo1-1): Nil Package 4 (Lo1-2): Nil Package 5: Dropped Package 6: Nil

Number of Site Inspections and Audits Undertaken by Environment Safeguards Staff in Reporting Period	Package 1 (Lo1-1): 05 Package 1 (Lo1-2): 05 Package 2: 04 Package 3 (Lo1-1): 04 Package 3 (Lo1-2): 05 Package 4 (Lo1-1): Nil Package 4 (Lo1-2): Nil Package 5: Dropped Package 6: Nil
Corrective Action Required from Previous Reporting Period	NA (2 nd Semi-Annual Environment Safeguard Monitoring Report)
Outstanding Corrective Action this Reporting Period	NA (2 nd Semi-Annual Environment Safeguard Monitoring Report)
Non-Compliances Recorded this Reporting Period	NA (2 nd Semi-Annual Environment Safeguard Monitoring Report)
Corrective Action Required	NA (2 nd Semi-Annual Environment Safeguard Monitoring Report)

Number of Health and Safety Incidents	Package 1 (Lo1-1): Nil Package 1 (Lo1-2): Nil Package 2: Nil Package 3 (Lo1-1): Nil Package 3 (Lo1-2): Nil Package 4 (Lo1-1): Nil Package 4 (Lo1-2): Nil Package 5: Dropped Package 6: NA
GRM Functional	Yes, GRC is function. PTCUL office Order is enclosed as Annexure-I
Number of Unresolved Grievances from Prior Reporting Period	Nil
Number of Grievances Received in Reporting Period	Package 1 (Lo1-1): Nil Package 1 (Lo1-2): Nil Package 2: Nil Package 3 (Lo1-1): Nil Package 3 (Lo1-2): Nil Package 4 (Lo1-1): Nil Package 4 (Lo1-2): Nil Package 5: Dropped Package 6: NA
Number of Grievances Resolved this Reporting Period	Package 1 (Lo1-1): Nil Package 1 (Lo1-2): Nil Package 2: Nil Package 3 (Lo1-1): Nil Package 3 (Lo1-2): Nil Package 4 (Lo1-1): Nil Package 4 (Lo1-2): Nil Package 5: Dropped Package 6: NA
Number of Grievances Still Outstanding	Package 1 (Lo1-1): Nil Package 1 (Lo1-2): Nil Package 2: Nil Package 3 (Lo1-1): Nil Package 3 (Lo1-2): Nil Package 4 (Lo1-1): Nil Package 4 (Lo1-2): Nil Package 5: Dropped Package 6: NA
Number of Grievances referred to Court of Law	Package 1 (Lo1-1): Nil Package 1 (Lo1-2): Nil Package 2: Nil Package 3 (Lo1-1): Nil Package 3 (Lo1-2): Nil Package 4 (Lo1-1): Nil

	Package 4 (Lo1-2): Nil Package 5: Dropped Package 6: NA
Number of Grievances referred to the Account ability Mechanism	Package 1 (Lo1-1): Nil Package 1 (Lo1-2): Nil Package 2: Nil Package 3 (Lo1-1): Nil Package 3 (Lo1-2): Nil Package 4 (Lo1-1): Nil Package 4 (Lo1-2): Nil Package 5: Dropped Package 6: NA

1.0 Introduction

1.1 Brief Project Description:

Power Transmission Corporation of Uttarakhand Limited (PTCUL) the State Transmission Utility (STU) of the Uttarakhand state in India, is engaged in Power Transmission with the mandate for planning, co-ordination, Supervision and control of complete Intra state Transmission system. The Uttarakhand climate resilient power development project will support the government of Uttarakhand in strengthening its power system network to meet the future electricity demand growth and to improve quality & reliability of power supply of its consumer, while facilitating efficient utilization of the State's hydropower and renewable energy resources. The primary focus of the project is the climate resilience of the power systems. The project will also strengthen the functional capacity & knowledge of implementing agencies for integrated and climate resilient power system development in Uttarakhand.

Considering the requirement of future load growth in Kumaon and Garhwal Zone of Uttarakhand state, N-1 contingency and reliability of Power Supply, Enhanced power handling capability, reliable supply for industrial growth in the state, help to meet United Nations Sustainable Development Goal Number Seven (SDG- 7) and helpful in improving PTCUL system availability and grid stability, Uttarakhand Transmission Strengthening and Distribution Improvement Project (UTSDIP) scheme was envisaged and approved in 2nd Inter Corporation Co-ordination Committee Meeting (ICCC) dated 07.01.2021 comprising of UPCL, UJVNL and PTCUL and 78th BoD Meeting of PTCUL dated 23.12.2021. Hence different projects of lines & sub-stations were taken in Garhwal and Kumaon Zone under "Uttarakhand Climate Resilient Power System Development Project" formally known as Uttarakhand Transmission Strengthening and Distribution Improvement Project (UTSDIP) under ADB funding.

1.2 Project Progress Status and Implementation Schedule

The updated status of and implementation schedule activities for the construction of various substation & lines from January 2025 to June 2025 are given below;

Project Progress Status

Sr. No.	Package	Lot	Name of Project	Contract Status	Site Status	Overall Physical Progress
1	P-1	Lot-1	<u>220/33 KV (2x 50 MVA) GIS Substation, Selaqui, Dehradun</u>	Awarded	Construction work is under progress	49%
2		Lot-2	132/33 KV (2x40 MVA) GIS S/s, Araghar, Dehradun	Awarded	1. Drawing of electrical equipment have been approved. 2. Civil Drawing has been approved. 3. Construction work of control room , 132 KV GIS, 33 KV GIS are in under progress. 4. 145 kV CVT, 120 kV LA, 33 kV LA, grounding material, testing equipment etc. had reached at site.	39%
3			132/33 KV (2x40 MVA) GIS S/s, Dhaulakhera, Nainital	Awarded	1. Drawing of electrical equipment have been approved. 2. Civil Drawing has been approved. 3. Construction work of control room , 132 KV GIS, 33 KV GIS , boundary wall, are under progress.	41%

					4. 33 kV GIS, 145 kV CVT, 120 kV LA, 33 kV LA, grounding material, and testing equipment etc. had reached at site.	
4			132/33 KV (2x40 MVA) GIS S/s, Khatima-II, US Nagar	Awarded	1. Drawing of electrical equipment have been approved. 2. Civil drawing had been approved. 3. Construction work of Control room building, 132 kV GIS, 33 kV GIS, store shed, boundary wall etc. are n under progress. 4. 33kV GIS, 145 kV CVT, 120 kV LA, 33 kV LA, grounding material and testing equipment had reached at site.	46%
5			132/33 KV (2x20 MVA) GIS S/s, Lohaghat, Champawat	Awarded	1. Drawing of electrical equipment have been approved. 2. Civil drawing had been approved 3. Construction work of Control room building, 132 kV GIS, 33 kV GIS, store shed, retaining wall etc. are n under progress. 4. 145 kV CVT, 120 kV LA, 33 kV LA, grounding material, and testing equipment etc. had reached at site.	41%
6	P-2	-	220/132/33 KV (2x160 MVA + 2x40 MVA) AIS S/s, Manglore, Haridwar	Awarded	Construction and Design under progress	20%

7	P-3	Lot-1	LILO of 220 kV Roorkee-Nara line at proposed 220 kV S/s Manglore (Length of line -1.00 km)	Awarded	Construction and Design under progress	10%
8		Lot-2	Construction of LILO of 132 kV Manglore -Asahi line & Manglore-Air Liquid Line at 220 KV S/s Manglore	Awarded	Line route survey completed, Tower profile and tower schedule has approved, drawing of tower, conductor, disc insulator, hardware fittings and accessories had approved.	20%
9			Construction of LILO of 132 kV Kathgodam-Rudrapur Line at 132 KV Substation, Dhaulakhera	Awarded	Line route survey completed, Tower profile and tower schedule has approved, drawing of tower, conductor, disc insulator, hardware fittings and accessories had approved.	20%
10			Construction of LILO of 132kV Khatima-Sitarganj Line at Proposed 132/33 kV Substation Khatima-II	Awarded	Line route survey completed, Tower profile and tower schedule has approved, drawing of tower, conductor, disc insulator, hardware fittings and accessories had approved.	20%
11			Stringing of second circuit of 132 kV D/C Transmission Line on Panther conductor from Pithoragarh (PGCIL)- Champawat (Lohaghat)	Awarded	Drawing of conductor, disc insulator, hardware fittings and accessories had approved, stringing work of conductor is under progress.	30%
12	P-4	Lot-1	LILO of 220 kV Khodri-Jhajra line at proposed 220 kV Substation Selaqui Dehradun with Underground Cable, Length of line -0.7 km (approx.)	Awarded	Route survey completed, Permission from SIIDCUL obtained, Engineering & drawing approval in progress, HDPE pipe supply completed	18%

13		Lot-2	LILO of 132 kV Majra-Laltappar line at proposed 132 kV Substation Araghar Dehradun through 132 kV Underground Cable, Length of line -3.6 km (approx.)	Awarded	Route survey completed, Engineering & drawing approval in progress, HDPE pipe supply completed	8%
14	P-5	-	Construction of 400/220KV (2X315 MVA) GIS Substation, Landhora Haridwar	Dropped	NA	NA
15		-	Construction of LILO of 400 KV Kashipur-Puhana Line at 400KV Substation, Landhora (Length of Line-3.00Km)			
16		-	Construction of LILO of 220 KV Manglore-Nara line at proposed 400/220/132 KV Substation Landhora (Length of Line-25.00 Km)			
17	P-6	-	132/33 KV (2X40 MVA) AIS Substation, Serverkhera, US Nagar	Tender to be floated	NA	NA
18		-	Construction of LILO of 132 KV Kashipur-Mahuakheraganj line at 132 KV Substation Serverkhera (Length of Line-8.7 Km)			

19		-	Construction of LILO of 132 KV D/C Transmission line from 220 KV Substation Mahuakheraganj to 132 KV Substation Jaspur (Length of Line-23.32 Km)			
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Note: No other package/ lot, in addition to the information given in above table, are coming up under the already approved scope of work.

1.2.2 Project Implementation Schedule

Sr. No.	Package	Lot	Name of Project	Contract Award Date	Completion Date	Remarks
1	P-1	Lot-1	220/33 KV (2x 50 MVA) GIS Substation, Selaqui, Dehradun	12.04.24	730 days from Project Zero Day	M/s Flowmore Ltd. JV with M/s Jiaangse Jingdian Elect. Co.
2		Lot-2	132/33 KV (2x40 MVA) GIS S/s, Araghar, Dehradun	12.04.24	730 days from Project Zero Day	M/s Flowmore Ltd. JV with M/s Jiaangse Jingdian Elect. Co.
3			132/33 KV (2x40 MVA) GIS S/s, Dhaulakhera, Nainital			
4			132/33 KV (2x40 MVA) GIS S/s, Khatima-II, US Nagar			
5			132/33 KV (2x20 MVA) GIS S/s, Lohaghat, Champawat			
6	P-2	-	220/132/33 KV (2x160 MVA + 2x40 MVA) AIS S/s, Manglore, Haridwar	13.03.24	730 days from Project Zero Day	M/s Transglobal Power Ltd., Bangalore
7	P-3	Lot-1	LILO of 220 kV Roorkee-Nara line at proposed 220 kV S/s Manglore (Length of line -1.00 km)	18.06.24	730 days from Project Zero Day	M/s Salasar Techno Engg. Ltd. UP

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8		Lot-2	LILO of 132 kV Manglore-Asahi line & Manglore Air Liquid line at 220 kV S/s Manglore, Length of line 1.0 km.	19.09.2024	540 days from Project Zero Day	M/S BTL EPC Ltd.
9			LILO of 132 kV Kathgodam-Rudrapur line at 132 kV S/s Dhaulakhera (Haldwani), Length of line 0.6 km.			
10			LILO of 132 kV Khatima-Sitarganj line at proposed 132/33 KV S/s Khatima-II, Length of line 2.0 km.			
11			Stringing of second circuit of 132 kV D/C Transmission line on Panther conductor from Pithoragarh (PGCIL)-Champawat (Lohaghat), Length 39.33 km.			
12	P-4	Lot-1	LILO of 220 kV Khodri-Jhajra line at proposed 220 kV Substation Selaqui Dehradun with Underground Cable, Length of line -0.7 km (approx.)	01.08.2024	540 days from Project Zero Day	M/s Rajesh Power Services Pvt. Ltd., Ahmedabad
13		Lot-2	LILO of 132 kV Majra-Laltappar line at proposed 132 kV Substation Araghar Dehradun through 132 kV Underground Cable, Length of line -3.6 km (approx.)	13.09.2024	540 days from Project Zero Day	M/s Aquarian Enterprises, Delhi
14	P-5	-	Construction of 400/220KV (2X315 MVA) GIS Substation, Landhora Haridwar	Dropped	NA	NA
15		-	Construction of LILO of 400 KV Kashipur-Puhana Line at 400KV Substation, Landhora (Length of Line-3.00Km)			
16		-	Construction of LILO of 220 KV Manglore-Nara line at proposed 400/220/132 KV Substation Landhora (Length of Line-25.00 Km)			

17	P-6	-	132/33 KV (2X40 MVA) AIS Substation, Serverkhhera, US Nagar	Tender to be floated	NA	NA
18		-	Construction of LILO of 132 KV Kashipur- Mahuakheraganj line at 132 KV Substation Serverkhhera (Length of Line-8.7 Km)			
19		-	Construction of LILO of 132 KV D/C Transmission line from 220 KV Substation Mahuakheraganj to 132 KV Substation Jaspur (Length of Line-23.32 Km)			

*Note: Project Zero Day i.e. the date on which mobilization advance is received by contractor

1.2.3 Project Key Personnel

Sr. No.	Package & Lot	Project Key Personnel	Responsibility	Contact No.
1	Package-1 (Lot-1)	Er. Vikalp Gautam (SE)	Project Manager	9411100259
2	Package-1 (Lot-2)	Er. L. M. Bisht (SE)	Project Manager	7088117619
3	Package-2	Er. A. K. Singh (SE)	Project Manager	7088117327
4	Package-3 (Lot-1)	Er. A. K. Singh (SE)	Project Manager	7088117327
5	Package-3 (Lot-2)	Er. L. M. Bisht (SE)	Project Manager	7088117619
6	Package-4 (Lot-1)	Er. Vikalp Gautam (SE)	Project Manager	9411100259
7	Package-4 (Lot-2)	Er. Vikalp Gautam (SE)	Project Manager	9411100259
8	Package-5	-	-	
9	Package-6	-	-	
10	All Package	Er. Lalit Kumar (SE)	Nodal Officer (Forest)	9412059813
11	All Package	Er. Vikalp Gautam (SE)	Nodal Officer (EHSSGS)	9411100259
12	All Package	Er. Pankaj Kumar (EE)	Officer (Environment)	7088112828
13	PISC/PMC	LOA has been issued on 30.06.2025 to Medhaj Techno Concept Pvt. Ltd., India (MTCPL) in Joint Association with Nippon Koei India Pvt. Ltd., India (NKI), Medhaj Techno Concept Pvt. Ltd., India (MTCPL), Medhaj Tower, CP-150 sector -D1, Power House Chauraha, Aashiana Kanpur Road, Lucknow 226012, Uttar Pradesh	Key Personal Not Appointed Yet	-

Project Key Personnel from Contractor for Package -1, Package -2, Package-3, Package-4

S.No.	Package & Lot	Project Key Personnel	Responsibility	Contact No.
1.	Package -1 (Lot-1)	Mr. Amit Goel	Project Manager	8586967345
2.	Package -1(Lot-2)			
3.	Package -1 (Lot-2) Dhaulakhera, Khatima and Lohaghat	Mr. Avdesh Joshi	Environment and Social Officer	9557198336
3.	Package -1(Lot-2) Lohaghat	Mr. Jane Alam	Safety officer	9838792673
4	Package -1(Lot-2) Dhaulakhera	Mr. Dheeraj Singh	Safety officer	7860671546
5	Package -1(Lot-2) Khatima	Mr. Sunil Kumar Singh	Safety officer	9129599933
6	Package -1(Lot-2) Araghar	Mr. Pankaj Kumar	Safety officer	8545006399
7	Package -1 (Lot-1) Selaqui			
8	Package -2	Not appointed yet	-	-
9	Package -3 (-Lot-1)	Mr. Harshdeep Kundu	Project Manager	
9	Package -3 (Lot-1)	Mr. Markandeshwar	OHS	9415570703

		Pandey		
9	Package-3 (Lot-2)	Mr. Dharmendra Kumar	Project Manager	8979857315
10	Package-3 (Lot-2)	Mr. Rajendra Singh	Environment and Social Officer	6005583812
11	Package-3 (Lot-2)	Mr. Kamal Kant	Safety officer	7800373306

2.0 Compliance to National Regulations and International Agreements

All environmental safeguard compliances are being ensured during the design and construction phases of the projects awarded under various packages and lots. At present, the projects are in the initial stages of construction and design finalization. All applicable environmental regulations, acts, rules, and notifications issued by the Government of India and the Government of Uttarakhand are being fully complied with across all sites.

In addition, the projects adhere to the requirements of ADB's Safeguard Policy Statement (SPS), 2009 and Operational Manual F1, 2013, which guide the integration of environmental considerations into project planning and execution. These safeguards ensure the environmental soundness and sustainability of ADB-funded projects throughout their implementation. A comprehensive list of applicable laws, rules, and regulations relevant to the project has been compiled and categorized under the following sections:

1. Environmental Laws & Regulations
2. Social Safeguard & Labour Laws
3. Health & Safety Regulations
4. Other Applicable Laws and Regulations

Compliance with these requirements is being regularly monitored and implemented across all five project sites and their details is provided below

1. Environmental Laws & Regulations

S. No	Legislation / Regulation	Applicable Sections	Compliance Requirements	Responsibility	Status (Compliant/Non-Compliant)	Remarks
1.	Environment (Protection) Act, 1986	Sec. 3, 5, 6, 7	Umbrella Act to the Air, Water and Noise Acts and relevant during design, construction and operation of the substations and power line. Both construction and operation of the substations must comply with the legislation issued under this act and rules. No specific Permission is required.	PTCUL & Contractor	Compliant	No specific permits but all environmental clearances, NOCs and permits are referred to the act. Administrative Authority: MoEFCC, Central Pollution Control Board (CPCB) and Uttarakhand Pollution Control Board
2.	EIA Notification	Requires prior	Not Applicable. None of the	Contractor	Compliant	Substation projects are not

	on, 2006 and subsequent amendments.	environmental clearance for new, modernization and expansion projects listed in schedule 1 of EIA Notification, 2006	components of this subproject falls under the ambit of the notification; no EIA study or environmental clearance required. However, material will be procured from Govt. approved agencies/vendors /company who have obtained EC (if applicable) for that material/items	through E&S Officer		listed under the schedule of the EIA Notification as environmental sensitive projects. Therefore, screening and categorization are not required. Based on the size of buildings proposed at the substations none trigger the building projects criterion and required prior environment clearance. However, Construction materials are being procured only from Govt. approved agencies/vendors /company who have obtained EC/NOC/Permission (if applicable) for that material. Copy of EC/NOC/Permission of the same is also being collected by Contactor and keep in the records.
3.	Water (Prevention & Control of Pollution) Act, 1974	Sec. 25	Consent to Establish & Operate from SPCB	Contract or through E&S Officer	Compliant	Discussed with SPCB, since no significant waste discharge from SS, hence CTE is not required. However, monitoring of water and wastewater is being carried out as per EMoP,
4.	Air (Prevention &	Sec. 21	Consent for air emissions	Contract or through	Compliant	CTE is not required, however, regular

	Control of Pollution) Act, 1981			E&S Officer		monitoring of air quality is being carried out as per EMoP. installation of air monitoring equipment at all substations is also completed.
5.	Noise Pollution (Regulation & Control) Rules, 2000	Rule 3, 5	Noise limits during construction	Contract or through E&S Officer	Compliant	CTE is not required, however, regular monitoring of noise level is being carried out as per EMoP. installation of noise monitoring equipment at all substations is also completed.
6.	Forest (Conservation) Act, 1980	Sec. 21	Clearance required if forest land is involved	-	Not Applicable	No forest land involved
7.	Wildlife Protection Act, 1972	Sec. 29, 35	Ensure no disturbance to wildlife	-	Not Applicable	No wildlife zone
8.	Uttarakhand Environment Protection & Pollution Control Board (UKPCB) Guidelines		Compliance with state-specific norms	Contract or through ESO and EHS Officer	Monitoring	A permanent station for air and noise monitoring has been installed at All 5 Substations under Package 1
9.	Construction & Demolition Waste Management Rules, 2016	Rule 4	Waste disposal plan	Contract or through Site Engineer and ESO	Compliant	-

2. Social Safeguard & Labour Laws

S.No	Legislation / Regulation	Applicable Sections	Compliance Requirements	Responsibility	Status (Compliant/Non-Compliant)	Remarks
10.	Right to Fair Compensation & Transparency in Land Acquisition Act, 2013	Sec. 4, 16	Fair compensation if land acquisition involved	Project Manager	N/A	Site are already possessed by PTCUL, hence, No land acquisition
11.	Contract Labour (Regulation & Abolition) Act, 1970	Sec. 7, 12	Registration of contractors, welfare measures	HR/Project Manager	Compliant	Labour license has been obtained for all the sites (Refer Annexure 2)
12.	Building & Other Construction Workers Act, 1996	Sec. 14, 18	Safety, welfare, and benefits for workers	OH & Safety Officer	Compliant	A dedicated OHS officer has been appointed by contractor at Substation Site. Training and health camps are organized on regular basis by Contractor
13	Minimum Wages Act, 1948	Sec. 3	Payment of minimum wages	HR/ Project Manager	Compliant	Wages are paid to workers as per Uttarakhand govt. minimum wages norms.
14	Uttarakhand Labour Welfare Rules		State-specific labour welfare compliance	HR/Project Manager/OHS officer	Compliant	Contractor is dedicated to support labour welfare as per standard norms and provide necessary assistance for labour welfare
15	ILO Convention - Minimum Age		No forced or child labor to be employed in	HR, Project manager, ESO and OHS officer	Compliant	Contractor employed the workers/labours after due

Convention (1973) ILO Convention - Worst Forms of Child Labour Convention (1999) ILO Convention – Forced Labour Child Labour (Prohibition and Regulation) Act, 1986 amended in 2016 The Bonded Labour System (Abolition) Act 1976		construction with the minimum age for employment on construction site to be 18 given hazardous nature of works involved.			diligence and verification of age by proof documentation and it is maintained at site as well as project office for every worker. Workers will work/-operate within the legal working hours and additional work hours are adequately compensated by over time payment as per govt. wages rules and regulations.
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3. Health & Safety Regulations

S.No.	Legislation / Regulation	Applicable Sections	Compliance Requirements	Responsibility	Status (Compliant/Non-Compliant)	Remarks
16	Factories Act, 1948	Sec. 7, 21	Safety measures, working conditions	OH & Safety Officer	Compliant	Provided all necessary PPE kit before work start to the labourers
17	Occupational Safety, Health & Working Conditions Code, 2020	Sec. 22, 24	Worker safety, PPE, working hours	OH & Safety Officer	Compliant	COC and initial medical checkup are done by Contractor before engagement of any worker/labour. Special safety training and

						regular Tool Box trainings are provided to all workers on regular basis.
18	Electricity Act, 2003	Sec. 53, 161	Safety standards for electrical works	Project Manager and Electrical Engineer	Compliant	All design and drawings are reviewed and approved by PTCUL with compliances of safety standards as per act.
19	Central Electricity Authority (Safety) Regulations, 2010		Electrical safety norms	Project Manager, Electrical Engineer and OH & Safety Officer	Compliant	

4. Other Applicable Laws and Regulations

S.No	Legislation / Regulation	Applicable Sections	Compliance Requirements	Responsibility	Status (Compliant/ Non-Compliant)	Remarks
20.	Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996 and Inter-state Migrant Workmen Act 1979		Regulates the employment and working conditions of construction workers	HR/Project Manager/OHS officer	Compliant	Contractor is following the guidelines for Regulation of Employment and Conditions of Service as per Act
21.	GRM		ADB SPS 2009, GRM will be available to all workers for receiving and handling complaints about unfair treatment or unsafe living or working conditions,	Project Manager, ESO, OHS officer	Complied	Contractor is following the ADB SPS (2009) standards to follow GRM. GRM is fully functional and available at

			sexual harassment, ensuring no coercion nor reprisal.			site for all workers for receiving and handling complaints about unfair treatment or unsafe living or working conditions, sexual harassment, ensuring no coercion nor reprisal. Workers are having direct access to register any grievances with the Contractor GRM cell and PTCUL GRM. (Refer Annexure 7 and Annexure 4)
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3.0 Compliance to Environmental Covenants from the ADB Loan Agreement

Sr. No.	Product	Schedule	Para No.	Covenant	Remarks/Issues
1	Loan 4402-IND	4	4	Subject to paragraph 5 below, the borrower shall ensure, or cause the EA and each IA to ensure, that no works contract which involves environmental impacts is awarded until: (a) the relevant authority of the borrower and/ or state, as required, has granted the approval of the IEE, and the EA has obtained ADB's clearance of the IEE based on the final design; and (b) the EA has incorporated the relevant provisions from the EMP into the Works contract.	Being complied
	Loan 4402-IND	4	5	The borrower shall ensure, or cause the EA and each IA to ensure, that a contract for works involving environmental impacts may be awarded with the IEE based on preliminary design having been submitted to and cleared by ADB if the contract: (a) is of a "design and build" or "turnkey" type under which the design must be completed for the works contract before the IEE is updated to reflect the final project design; and	Being complied
				(b) expressly provides that no works shall commence until: (i) an IEE for the works contract reflecting the final project design having been submitted to, and cleared by ADB.	

1	Loan 4402-IND	4	9	The Borrower shall ensure or cause the EA & each IA to ensure, that the preparation design, construction, implementation, operation & decommissioning of the project and all project facilities comply with (a) all applicable law & regulation of the Borrower and the stake relating to environment, health and safety (b) the environmental safeguards (c) all measure and requirements set forth in the IEE & EMP and any corrective or preventive actions set forth in a safeguard monitoring reports.	It will be ensured that the preparation design, construction, implementation, operation & decommissioning of the project and all project facilities are complied as per ADB's environment SPS (2009) All measures and requirements set forth in the IEE & EMP shall be strictly adhered to during required stages of project.
	Loan 4402-IND	4	13	The Borrower shall ensure, or cause the EA and each IA to ensure, that all necessary budgetary and human resources to fully implement the EMP and the RP as required, are made available on a timely basis	It will be done on timely basis.
2	Loan 4402-IND	4	14	The Borrower shall ensure or cause the EA & each IA to ensure that all bidding documents and contracts for work contain provisions that require contractor to (a) Comply with the measures relevant to the contractor set forth in IEE the EMP and the RP to the extent, they concern impacts on affected people during construction and any corrective or preventive actions set forth in a safeguard monitoring report. (b) Make available a budget for all such environmental and social	It is ensured that all bidding documents and contracts for work contain provisions that require contractor to comply with the measures relevant to the contractor set forth in IEE with the version 3.0, dated 30.05.2022 of EMP during the construction and any corrective or preventive actions set forth in a safeguards

				measures. (c) Provide the EA with a written notice of any unanticipated environmental resettlement or indigenous people risks or impact that arise during construction implementation or operation of the project that were not considering in the IEE, EMP and the RP. (d) Adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and (e) Reinstall pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.	monitoring report. Suitable budget shall be allocated accordingly. The written notice of unanticipated environmental resettlement that arise during construction or operation of the project shall be provided to EA as per guidelines.
3	Loan 4402-IND	4	15	The borrower shall ensure or cause the EA and each IA to ensure the following; (a) Submit semiannual safeguards monitoring reports to ADB until construction of works is complete and annual safeguard monitoring reports to ADB during operation of the works and disclose relevant information from such reports to affected person promptly upon submission (b) If any unanticipated environmental or social risks and impacts arises during construction implementation or operation of the project that were not considered in the IEE, the EMP & promptly inform ADB of the occurrence of such risks or impacts with detailed description of the event and proposed corrective action plan. (c) Report any breach of compliance with the measures	It is being compiled the project falls under category „B“ & IEE for the projects has been prepared accordingly Consultant supporting for PMU has been awarded but key personal not appointed yet.

				and requirements set forth in the EMP or the RP promptly after becoming aware of such breach.	
	Loan 4402-IND	4	16	The borrower shall ensure, or cause the EA and each IA to ensure, that no proceeds of the Loan are used to finance any activity included in the list of prohibited investment activities provided in appendix 5 of the SPS.	Being Complied as per SPS 2009 Appendix 5.
	Loan 4402-IND	4	17	The borrower shall ensure, or cause the EA and each IA to ensure, that works contracts under the Project follow all applicable labor laws of the Borrower and the State and that these further include provisions to the effect that contractors, (a) Carry out HIV/AIDS awareness programs for labor and disseminate information at worksites on risks of sexually transmitted diseases and HIV/AIDS as part of health and safety measures for those employed during construction; (b) Follow and implement all statutory provisions on labor (including not employing or using children as labor, equal pay for equal work), health, safety, welfare, sanitation, and working conditions. Such contracts shall also include clauses for termination in case of any breach of the stated provisions by the contractors.	It is being complied.

4.0 Compliance to Project Administration Manual (PAM)

Sr. No.	Organization	Tasks	Compliance Status
1	Executing Agency: Energy Department, GOU	Responsibility for execution of the project and ensuring project implementation on behalf of GOU	Compliance shall be made as per relevant guidelines of ADB, GOU & GOI as per the requirement
		Oversee satisfactory safeguards implementation for the project.	
		Co-ordinate communication with GOI and GOU with respect to the project	

2	Implementing Agency: PTCUL	Conduct day to day project management.	Being complied
		Procurement of goods and works timely approval of bid documents bid evaluation reports and contract awards	Being complied
		Overall responsibility for satisfactory safeguards implementation supervision and monitoring.	Being complied
		Periodic monitoring of the project implementation activities.	Being complied
		Prepare withdrawal applications, maintain project accounts and complete loan and grant in financial records.	Being complied
		Prepare financial statements and ensure timely conduct of audit.	Being complied
		Ensure co-ordination in the technical department responsible for project implementation and the finance department to ensure timely availability of counterpart funds	Being complied
3	Project Management Unit: Respective PIUs	Periodic review of the project activities to ensure timely implementation of the project and safeguards requirement	Being complied
		Ensure compliance with loan covenant including social & environmental safeguards, financial & economical and others	Being complied
		Ensure timely submission of bid documents, bid evaluation reports and contract, awards ensuring that the EMP is included in the contract documentation	Being complied
		Responsible for finalizing surveys and detailed designer update of safeguards documents to reflect detailed design & as needed safeguards monitoring of safeguard Monitoring reports & timely submission to ADB.	Being complied
		Responsible for requesting budgetary alteration from counterpart fund.	Being complied
		Responsible for preparation of annual contract awards and disbursement projection.	Being complied
		Shall provide information to ADB mission as necessary.	Being complied
4	Project Implementation & Construction Support Consultants (PISC)	Planning and coordination of project implementation	Contract has been awarded but key personal not appointed yet
		Project management and control including administration	
		Procurement including contract management;	
		Trouble shooting of project implementation problems;	
		Progress reporting;	

		Management of project management software, such as Microsoft Project or its equivalent	
		Training of key staff of the executing and the implementing agencies on statistical data processing and visualization	
		Various capacity development activities, such as preparing an operations manual and standard operating procedure	

*Note: Project Zero Day is i.e. the date on which mobilization advance received by contractor. The zero day shall be the date of start of the project.

5.0 Compliance to Contract

The execution of project activities shall be done by the contractor as per the Section 7 (General Conditions of Contract) clause 9.6 (Contractor's Responsibilities) and Section 8 (Special Conditions of Contract) clause 9.0 (Contractor's Responsibilities), the details of which are given below;

Contract Package	Contract Provisions	Compliance Status
Package 1 to 4 & 6	The contractor shall permit ADB or its representatives to inspect the contractor's site, assets, accounts and records, and other documents relating to the bid submission and contract performance of the contractor and to have them audited by auditors appointed by ADB, if so required by ADB.	Compliance shall be ensured during execution of the project.
	The contractor shall comply with all applicable national, provincial and local environment laws and regulations. The Contractor shall also comply with all reasonable requests of the national and local authorities responsible for enforcing environmental controls	Being Complied,
	Within 28 days of the commencement date, the contractor shall submit a detailed site specific environment management plan (SSEMP), based on the environmental health and safety management plan submitted in the technical proposal, for the Projects Manager's no objection showing how the Contractor intends to comply with environmental laws	Being Complied,

and regulations and other specific requirements prescribed in the Contract, addressing all the monitoring and mitigation measures set forth in the Environmental impact Assessment ('EIA') and the Environmental Management Plan ("EMP") of the project attached in Section-6 Employer's Requirements. Work Shall not be commence on the site until the no objection of SSEMP has been obtained from the project manager and is being implemented.	
The contractor shall a) establish an operational system for managing environmental impacts b) comply with the approved SSEMP and any corrective or preventative actions set out in safeguards monitoring reports that the employer will prepare from time to time to monitor the implementation of the project EMP (EMP document enclosed in Bid document as An appendix 9, and incorporated in Special conditions of Contract section 9 sub clause 9.8 and) through the SSEMP c) allocate the budget required to ensure that such measures requirements and actions are carried out d) submit semi-annual reports on the compliance of such measures to the Employer. Where unanticipated environmental risks or impacts become apparent during the contract, the contractor is required to update the SSEMP to outline the potential impacts to site works and associated mitigation measures for the project manager's approval.	Being Complied,

6.0 Compliance to Environmental Management Plan

6.1 Compliance to Environmental Management Plan for Design Phase (Package 4 - Lot1, Lot2)

Sr. No	Item	Impact	Commitment	Compliance Status
1	New SS or connections at locations within existing SS	Corrective action	<u>Applicable to New SS within Existing SS</u> Lands for new SS at Dhaulakhera, Selaqui and Araghar are owned by UPCL and will need to be cleared of all debris/waste prior to handover, PTCUL to work with UPCL to ensure that in clearing the site all applicable EMP requirements are followed. In particular, PTCUL to ensure all debris/waste is removed by UPCL to their stores or disposed of using appropriately licensed waste management company with all storage, transport, and disposal as per national waste regulations and records kept.	Action shall be ensured during execution of Project. All EMP requirement were followed prior to handover of the Dhaulakhera, Khatima, Lohaghat, Selaqui, Aaraghar site and rests are being Complied
			PISC will conduct an environmental audit to confirm all debris/waste has been removed from site such that it is "clean" for construction and if there are any legacy issues/impacts or risks for the contractor to address prior to taking over the land.	Contract has been award but appointment of key personal is awaited. Expected in next three months,
			Applicable to Pithoragarh SS Connection PTCUL (PISC) will conduct an environmental audit of the	Complied during the design phase of the project as

			existing SS to confirm if there are any legacy issues/impacts or risks for the contractor to address prior to installing the connection.	applicable
			Applicable to New SS or Connections within Existing SS of PTCUL Contractors at request of PTCUL to address any short-term or long-term corrective actions (e.g., cleanup of oil spills) as part of their scope of works in construction of new SS at locations which are also supporting existing substations of UPCL (Dhaulakhera, Selaqui and Araghar) and in the termination of second circuit stringing within the Pithoragarh substation of PGCIL.	There were no oil spills or other material of concern in work site at Dhaulakhera, Araghar, Selaqui, Lohaghat and Khatima. In other work sites necessary compliance shall be made.
2	Siting and design of Project infrastructure	Finalization of new substation design and layout, finalization of OHL and UG cable route alignments	<u>Applicable to all Components:</u> Comply with all applicable national and state environment, health, and safety (EHS) regulatory requirements in addition to the mitigation measures set out in the EMP - if there is any conflict between national requirements and measures set out in the EMP the most stringent provisions will take precedence Designs to reflect the requirements of the EMP and international engineering best practice/good EHS practices	all applicable national and state environment, health, and safety (EHS) regulatory requirements in addition to the mitigation measures set out in the EMP is being made at Dhaulakhera, Araghar, Selaqui, Lohaghat and Khatima. In other work sites necessary compliance shall be made. It will be complied

			Preference shall be given to locating above ground equipment on modified habitat.	It will be complied
			Identify presence of any unstable land/steep slopes and avoid these during the detailed design.	Complied during the design phase of the project as applicable
			Where SS sites and OHL towers are not on flat land conduct geotechnical/slope stability analysis with slopes to be graded with drainage installed to minimize landslide risk. Ensure resulting slope design/topography does not exacerbate surface erosion and/or trigger a landslide; all disturbed areas are to be revegetated. Bioengineering methods can be considered for providing slope protection.	Complied during the design and construction phase of the project as applicable
			Stability of slopes over 30% shall be checked and approved by the PISC prior to selection of tower location/substation layout and related foundation to be used.	Complied during the design phase of the project as applicable
			Cut and fill requirements shall be minimized by design to reduce changes in topography and the extent of earthworks and thus dust generation during construction. Contractor shall quantify the extent of earthworks required and locations for disposal of excavated spoil such as through landscaping within SS site.	Complied during the design and construction phase of the project as applicable
			Identify presence of floodplain or depressions that get waterlogged in the rainy season and avoid these during detailed design.	Complied during the design phase of the project as applicable

			Conduct flood and drainage risk assessment and incorporate effective drainage design (allowing for climate change) to prevent possible flooding or waterlogging of SS equipment/towers during the wet season, whilst ensuring that surface runoff from the project site is no more than the greenfield runoff rate.	Complied during the design phase of the project as applicable
			<u>Applicable only to Applicable to HV Power Lines (OHL and UG)</u> Carefully select the route/siting of towers to minimize impacts on existing structures (e.g., buildings) etc.	Complied during the design phase of the project as applicable
			UG cables shall generally follow the existing RoW of the road whilst avoiding impacts on trees, properties, public utility services, street furniture etc.	Complied during the design phase of the project as applicable
			Any temporary disturbance compensated for in accordance with the LARP.	Complied during the design and construction of the project as applicable
			Minimize visual impact and clutter in locating above ground equipment.	Complied during the design phase of the project as applicable
			For all UG works crossing rivers they must be in conduit attached to a bridge or buried beneath the river using HDD method.	Complied during the design phase of the project as applicable
			<u>Applicable only to Substations</u> Substation transformers to be mounted on impermeable surface extending beyond the transformer footprint, banded to 110% capacity and not connected to the	Complied during the design, construction phase of the project as applicable

			surface water drainage system to collect oil spill, leaks, and overflows; transformers to be sited in a separately fenced area that can be kept locked.	
			Substation designs will follow the Draft Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2021, including Soak Pit and Oil collecting pit. An oil soak pit shall be designed and provided below each oil filled transformer / reactor to accommodate at least 150% of total quantity of oil contained in the transformer / reactor with minimum 300 mm thick layer of gravels / pebbles of approximately 40 mm size (spread over a steel iron grating / trans rack) providing free space below the grating. Alternatively, an oil soak pit shall be provided below each transformer or reactor, to accommodate one third of total quantity of oil contained in the transformer / reactor with minimum 300 mm thick layer of gravels/ pebbles of approximately 40 mm size (spread over a steel iron grating/ trans rack) providing free space below the grating provided a common remote oil collecting pit of capacity at least equal to oil quantity in the largest size transformer or reactor is provided for a group of transformers or reactors and bottom of the soak pit below the transformer or reactor shall be connected to the common remote oil	Complied during the design and construction phase of the project as applicable

			collecting pit with drain pipe of minimum 150 mm diameter with a slope not less than 1/96 for fast draining of oil or water through gravity from soak pit to the common remote oil collecting pit. Every soak pit below a transformer or reactor shall be designed to contain oil dropping from any part of the transformer or reactor. The common remote oil collecting pit and soak pit (when remote oil collecting pit is not provided) shall be provided with automatic pumping facility, to always keep the pit empty and available for an emergency.	
			Provision of oil-water separator on all surface water drainage.	Complied during the design and construction phase of the project as applicable
			Separation or fire barrier walls will be provided between the transformers or between transformer and nearby buildings as per Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations.	Complied during the construction phase of the project as applicable
			Ensure maximum sound power level of equipment at 1 m is 85 dBA through use of sound attenuation, in areas where these noise levels will be exceeded OHS noise warning signage identifying that ear protection to be worn must be installed as part of design	Complied during the design and construction phase of the project as applicable
			Provide well designed, covered, segregated materials and waste storage area of sufficient size to accommodate all	Complied during the design and construction phase of the project as

			anticipated storage requirements, ensure storage areas can be locked, are well-ventilated and will not reach extreme temperatures. Ensure space also provided in the storage area for solid and hazardous waste garbage bins to be stored. Fuel/oil/chemical/waste storage areas must have an impervious floor and be bunded so that the capacity of each bund is sufficient to contain at least 110% of the maximum design storage capacity within storage area, not connected to the surface water drainage system.	applicable
			Provide spill prevention kits (sorber pads, loose sorber material, etc.) at storage areas and other at-risk locations within clearly labelled containers.	Complied during the design and construction phase of the project as applicable
			Locate new transformers; storage areas; and septic tanks/soak away at least 50m from waterbodies and borewells to reduce pollution risk, if closer proximity is required due to site layout further assessment to be carried out to demonstrate using a source-pathway-receptor model there will be no adverse impact on aquatic ecology or human health	Complied during the design and construction phase of the project as applicable
			Layout substations so transformers are the furthest distance possible from the adjacent receptors to minimize corona noise/transformer hum experienced. Where possible the quietest available equipment with manufacturer-supplied	Complied during the design and construction phase of the project as applicable

			noise mitigation will be installed. Contractors to ensure that the design enables operation to always comply with 1-hour LAeq 70 dB(A) at the site boundary, 55dB(A) outside the fence line if located within a commercial zone, 45 dB(A) at the nearest residential properties including located those in commercial zones, and 40dB(A) at 100m distance from silent zones	
			Given transformers are generally in the range 60-80 dBA at 1m they are to be located at least 5 m inside the substation site boundary but this distance will need to be increase to between 20m - 100m depending on the land use adjacent to the substation for noise limits to be met without additional attenuation. Diesel generator sets will similarly need to be located away from the SS boundaries.	Complied during the design and construction phase of the project as applicable
			If residential properties or other sensitive receptors are near the substation boundary, then measurements must be carried out during detailed design and baseline noise calculations (modelling) considering low frequencies associated with transformer hum will be undertaken by the Contractor to demonstrate that the noise standards/guidelines can be met. If background noise levels already exceed the standards/guidelines the design must ensure that noise levels result in a <3dBA increase in background.	Complied during the design and construction phase of the project as applicable
			If the noise levels at the site boundary or receptors	Complied during the design and

			cannot be met through siting alone, then an acoustically designed enclosures or fences will be installed around either the noise source and/or substation boundary to enable the required noise level to be met as a permanent installation as part of the design.	construction phase of the project as applicable
			Ensure that ICNRP occupational and community EMF exposure levels (reference and peak values) will be achieved within the substation and outside of the fence line respectively.	Complied during the design and construction phase of the project as applicable
			All electrical hazards will feature written and visual warning signs that meet the IEEE standards to include the ISO 7010 "Hazard Type: Electrical Symbol" warning of the risk of electrocution	Complied during the design and construction phase of the project as applicable
			Include a secure boundary fence or wall that is sufficiently high it cannot be climbed over, provide a gated, surfaced vehicular access for entry/exit off public highway having adequate sight lines for all drivers and warning signs of entranceway for road users.	Complied during the design phase of the project as applicable
			For control buildings provide adequate natural and/or artificial lighting levels to meet the IFC EHS Guidelines on Occupational H&S (Table 2.3.3. Minimum Limits for Workplace Illumination Intensity) and take a life-cycle approach to detailed design, considering the use of construction materials and the energy and water efficiency of the building during operation adopting the "green	Complied during the design and construction phase of the project as applicable

			building" concept e.g., using natural ventilation for reducing the need for air conditioners. Detailed design is to include rainwater harvesting and enable PTCUL to readily fit solar panels on building rooftop once operational.	
			Control building design will provide for sanitation and welfare facilities as per national regulations and international GIIP including indoor toilets (separate for men and women) with hand washing facilities (minimum of 1 unit to 6 males and 1 unit for 6 females shall be provided) and a dedicated cooking area / clean eating area / rest area for staff on-site etc	Complied during the design and construction phase of the project as applicable
			Provide access to a safe, secure, hygienic facility for female workers' children below five years of age; any room provided for this purpose must be segregated from the operational elements of the substation.	Complied during the design and construction phase of the project as applicable
			Dedicated shelter to be provided at the site entrance for use by security guards, shielding them from rain, wind, and extreme (hot / cold) temperatures.	Complied during the design and construction phase of the project as applicable
			All wastewater to be connected to existing sewerage system or septic tank with soak away so no untreated wastewater will be disposed of to surface water or ground in operation, septic tank/soakaway effluent to meet national general wastewater standards or IFC wastewater discharge limits, whatever is the most	Complied during the design and construction phase of the project as applicable

			stringent.	
			Potable water will be supplied that meets national ISO 10500 drinking water standards (full suite). If this is unavailable, ensure regular supply of bottled water to the site during construction and operational phases.	Complied during the design and construction phase of the project as applicable
			Design of control building to include emergency exits with emergency exit signage	Complied during the design and construction phase of the project as applicable
			Provide automatic fire alarm and fire suppression system in control building.	Complied during the design and construction phase of the project as applicable
			Provide fully stocked, in-date first aid kit installed in a prominent, signed position, first aid posters and emergency contacts to also be displayed	Complied during the design phase of the project as applicable
			Provide eye wash station and water supply to shower located near storage areas for fuel/oil/chemicals	Complied during the design and construction phase of the project as applicable
			Provide sand buckets, full of sand, placed in a prominent, signed location near to fire-risk locations such as transformers and oil storage areas	Complied during the design and construction phase of the project as applicable
			Provide fire extinguishers (including for oil and electric fires) in a prominent, signed location near to fire-risk locations such as transformers and oil storage areas with service and expiration dates clearly labelled along with posters on fire safety	Complied during the design and construction phase of the project as applicable
			Design to ensure all lighting is of energy efficient LED	Complied during the design and

			type with solar powered LED lighting where practical Use of fluorescent/HPSV lamps will be avoided since they are less energy efficient/classed as hazardous waste for purposes of disposal.	construction phase of the project as applicable
			Outdoor lighting to be installed must be of low intensity with little or no blue wavelength and operated using passive infrared (PIR) technology movement sensors set at person height so as not to be kept permanently on overnight, it must be directional and shielded, so light does not fall outside substation boundaries.	Complied during the design and construction phase of the project as applicable
		General Conditions for HV Power Lines (OHL)	<u>Applicable to Applicable to HV Power Lines (OHL)</u> Based on the requirements of the Draft Standard Technical Specification for Steel Pole Structure. Gol. Ministry of Power. Central Electricity Authority. April 2021, the Contractor shall ensure that:	Complied during the design and construction phase of the project as applicable
			Route to have minimum crossings of major rivers, railway lines, National/State highways, overhead EHV power lines, and communication lines.	Complied during the design and construction phase of the project as applicable
			Number of angle points to be kept to a minimum.	Complied during the design and construction phase of the project as applicable
			Distance between the terminal points specified to be kept shortest possible, consistent with the terrain that is encountered (<i>but considering environmental and social constraints to be identified within the IEE</i>).	Complied during the design and construction phase of the project as applicable
			Marshy and low-lying areas, riverbeds and earth slip	Complied during the design and

			zones to be avoided to minimize risk to the foundations.	construction phase of the project as applicable
			Areas subjected to flooding such as nalah shall be avoided.	Complied during the design and construction phase of the project as applicable
			All alignment should be easily accessible both in dry and rainy seasons to enable maintenance throughout the year.	Complied during the design and construction phase of the project as applicable
			It would be preferable to utilize level ground for the alignment.	Complied during the design and construction phase of the project as applicable
			The areas requiring special foundations and those prone to flooding to be avoided.	Complied during the design and construction phase of the project as applicable
			Crossing of power lines to be kept to a minimum. Alignment of a transmission line with respect to existing line will be kept considering ROW and tower falling distance.	Complied during the design and construction phase of the project as applicable
			Crossing of communication lines to be minimized and it shall be preferably at right angle. Proximity and parallelism with telecom lines to be eliminated to avoid danger of induction to them.	Complied during the design and construction phase of the project as applicable
			Certain areas such as quarry sites, tea, tobacco and saffron fields and rich plantations, gardens and nurseries which will present PTCUL problems in acquisition of right of way and way leave clearance during construction and	Complied during the design and construction phase of the project as applicable

			maintenance to be avoided.	
			Angle points during survey should be selected such that shifting of the point within 100 m radius is possible at the time of construction of the line (<i>subject to updating of the IEE for ADB clearance</i>).	Complied during the design and construction phase of the project as applicable
			Routing of a transmission line to avoid large habitations, densely populated areas, protected / reserved forest / National Parks / Wild Life and Bird Sanctuaries, the habitant zones of Great Indian Bustard and other protected species, civil / military airfields and aircraft landing approaches, reserve coal belt areas, mining area, oil pipeline/underground inflammable pipelines etc. to the extent possible.	Complied during the design and construction phase of the project as applicable
		Exposure to safety risk	<u>Applicable to HV Power Lines (OHL)</u> Ensure all relevant safety clearances and right of way are applied to HV power lines per national standards, see Appendix O.	Complied during the design and construction phase of the project as applicable
			During route survey identify presence of all buildings/properties within the ROWs with particular attention to mapping school compounds and playgrounds; minimum distances to center line to be inventoried.	Complied during the design and construction phase of the project as applicable
			Installation of HV power lines above or adjacent (within the horizontal clearance) to residential properties or other locations intended for highly frequent human occupancy (e.g., schools or offices) to be avoided. No school compounds or playgrounds will fall within the horizontal	Complied during the design and construction phase of the project as applicable

			safety clearance.	
			Barbed wire type anti-climbing device shall be provided and installed by the Contractor for all tower structures. The height of the anticlimbing device shall be approximately 3 m above ground level. The barbed wire shall conform to IS: 278 (size designation A1). The barbed wires shall be given chromating dip as per procedure laid down in IS:1340.	Complied during the design and construction phase of the project as applicable
			Each tower shall be fitted with a number plate, danger plate and a set of phase plates per circuit. The arrangement for fixing these accessories shall not be more than 4.5 m above ground level.	Complied during the design and construction phase of the project as applicable
			Ensure that ICNRP community EMF exposure levels (reference and peak values) will be achieved	Complied during the design and construction phase of the project as applicable
			All transmission towers will feature written and visual warning signs that meet the IEEE standards to include the ISO 7010 "Hazard Type: Electrical Symbol" warning of the risk of electrocution	Complied during the design and construction phase of the project as applicable
		Visual impact of HV power lines	<u>Applicable to HV Power Lines (OHL)</u> For the micro-siting of HV power lines, the towers and lines to be located as far away as practical from residential dwellings.	Complied during the design and construction phase of the project as applicable
			Include visibility of the towers among the factors considered during final tower positioning, including determining the proper balance between heights of towers and the number of towers.	Complied during the design and construction phase of the project as applicable

		Damage to socially/culturally sensitive and historical sites	<u><i>Applicable to All Components:</i></u> Permanent or temporary facilities will strictly avoid protected ASI and GoUK monuments including the 300m regulated area associated with protected ASI and GoUK monuments.	Complied during the design and construction phase of the project as applicable
			<u><i>Applicable to HV Power Lines (OHL and UG)</i></u> Contractors to conduct an inventory of physical cultural resources in and adjacent to the RoW prior to the start of any works including distances to the center line.	Complied during the construction phase of the project as applicable
			Careful selection of route alignments to avoid encroachment on socially, culturally, and archaeological sensitive areas (e.g., sacred groves, graveyards, religious worship place, monuments etc.)	Complied during the design and construction phase of the project as applicable
		Impacts to designated sites	<u><i>Applicable to all Components</i></u> No OHL works will be permitted in ESZ or draft notified ESZ.	Complied during the design and construction phase of the project as applicable
			SS sites and OHL route alignments plus any temporary facilities that are potential pollution sources (including from noise) will be located at least 500m from the core / buffer zones of national parks, wildlife sanctuaries, conservation/tiger reserves, and other internationally and nationally recognized biodiversity sites such as Ramsar Sites, Key Biodiversity Areas, Important Bird Areas, elephant corridors, tiger corridors etc. SS sites and OHL route alignments will be located at least 100m from reserve forests and	Complied during the design and construction phase of the project as applicable

			other notified forest areas.	
			Temporary laydown and storage areas that are not potential pollution sources may be located a minimum of 50m distant of notified forest areas/forest habitat.	Complied during the design and construction phase of the project as applicable
			Only exception to OHL works allowed within 500m of tiger corridors and KBA is the LILO of 132 KV Khatima - Sitarganj line where at least 100m to the tree line must be maintained from the SS site and route alignment.	Complied during the design and construction phase of the project as applicable
			Only those SS sites and UG cables as set out in the IEE will be permitted in the ESA and draft notified ESZ covering Dehradun. UG cables routed within 100m of notified forest areas/forest habitat must be installed within the existing road alignment.	Complied during the design and construction phase of the project as applicable
			Only exception to works allowed in notified forest areas/forest habitat will be second stringing of the OHL as set out in the IEE. No temporary facilities for second stringing of the OHL will be allowed within notified forest areas/forest habitat. The written permission of the Forest/Wildlife Department has been secured by PTCUL and their requirements will be followed (e.g., no new forest land will be utilized, no new towers will be constructed other than the originally approved, stringing of the second circuit will be done on the double circuit towers already erected, and no tree felling will be done) along with applicable	Complied during the design and construction phase of the project as applicable

			requirements of the original forest clearance for diversion of land.	
			For those works within the ESA and within 10km of protected areas where the ESZ is not yet gazetted written permission (as applicable) will be obtained from the Forest/Wildlife Department, Mussoorie Dehradun Development Authority (for works in Dehradun-Mussoorie) the Uttarakhand Pollution Control Board.	Complied during the design and construction phase of the project as applicable
			Except for laydown and storage areas that are not potential pollution sources temporary facilities (e.g., centralized concrete batching plant, hot mix plant, refueling areas, maintenance yards, storage areas for loose materials or fuel/oil/chemical, temporary worker camps) will not be sited in a notified or draft notified ESZ. However, they will be permitted in the ESA and within 10km of protected areas where the ESZ is not yet gazetted if written permission is requested from and provided to the contractor by the Forest/Wildlife Department, Uttarakhand Pollution Control Board, Mussoorie Dehradun Development Authority (for works in Dehradun-Mussoorie)	Complied during the design and construction phase of the project as applicable
		Land Acquisition and Compensation, resettlement and temporary disruption	<u>Applicable to HV Power Lines (OHL and UG)</u> During route survey identify presence of all buildings/properties within the ROWs with particular attention to mapping school compounds and playgrounds; minimum distances to center line to	Complied during the design and construction phase of the project as applicable

			be inventoried.	
			Where properties cannot be avoided in the design and where they are present within national safety clearances the properties will be expropriated by PTCUL following the procedures outlined in the Project LARP. The LARP will be updated by PTCUL during the design phase to include any such properties	Complied during the design and construction phase of the project as applicable
			Underground cables will be bored and laid using trenchless method through Horizontal Directional Drilling (HDD) machine as the preferred option.	Complied during the design and construction phase of the project as applicable
			Open trenching will only be used with the permission of PTCUL where sufficient open space is available away from narrow and congested roads, there will be no disturbance to vegetation/trees, and no social safeguard constraints present, and the trench will be open and backfilled within a single day.	Complied during the design and construction phase of the project as applicable
			UG cable alignment to be designed to be within road/sidewalk reserves as far as is practical, having minimal impact on private land holdings and any informal settlement, street vendors etc.	Complied during the design and construction phase of the project as applicable
		Damage to private property, crops and water supplies etc.	<u>Applicable to SS:</u> Drains bisecting the SS sites will be maintained with bridge/culvert to cross over sufficient to allow passage of flood water. <u>Applicable to HV Power Lines (OHL and UG)</u> Alignment to avoid or minimize crop disturbance where lines cross private land by crossing uncultivated land (not	Complied during the design and construction phase of the project as applicable

			natural habitat) as much as possible.	
			During route survey identify and inventory presence of any surface waterbodies including rivers/ponds and groundwater sources including springs/wells/pumps within the ROW and confirm if any are used by local communities for drinking water or other purposes documenting distance to the center line.	Complied during the design and construction phase of the project as applicable
			Alignment to avoid impacting on rivers/ponds and groundwater sources especially water sources including springs/wells/pumps used by local communities.	Complied during the design and construction phase of the project as applicable
			Alignment to avoid impacting on men and women's access to common land for uses such as fuelwood and fodder and water resources; use of common land and water resources to be identified through consultation	Complied during the design and construction phase of the project as applicable
		Access roads	<u>Applicable to all Components</u> No new permanent access roads will be constructed except to SS sites if needed; for HV power lines existing access roads will be used in the first instance along with manual construction to minimize soil compaction from vehicle movements.	Complied during the design and construction phase of the project as applicable
			Designs for access roads in steep terrain will be submitted for approval, no access roads will be cut into a hillside	Complied during the design and construction phase of the project as applicable
			Access roads will be graded and sloped with drainage either side to prevent	Complied during the design and construction

			unnecessary flow of water across the road and to minimize soil erosion.	phase of the project as applicable
			If new access roads are required the Contractor will make the access suitable for use and shall take all reasonable precautions to avoid damage, including, if required, the erection of temporary fences or gates where permanent fences, hedges or gates have been removed.	Complied during the design and construction phase of the project as applicable
		Drainage	<u>Applicable to all Components</u> Final surface level of substation and tower foundations will be at least 0.5 m above the existing ground level or highest flood level including an allowance for climate change based on the findings of the climate change assessment prepared for the Project (whichever is higher)	Complied during the design and construction phase of the project as applicable
			Foundations to be constructed in such a way as to be adequately drained to prevent washouts and flooding impacts to adjacent land.	Complied during phase of the project as applicable
			Junctions between new access roads and existing roads will not impede or damage the latter nor any associated drainage channels, irrigation infrastructure, etc.	Complied during the design and construction phase of the project as applicable
3	Biodiversity	Habitat Loss, Tree Cutting	<u>Applicable to all Components</u> Contractor to employ field ecologists to undertake ROW walkover, map habitats beneath towers and ROW confirming if modified or natural habitat present, and listing species encountered. During ecological surveys field ecologists will enumerate the number and species of trees requiring to be cut and lopped. In forest habitat the	Complied during the design and Construction phase of the project as applicable. The ecological report is only required for Stringing of Second Circuit 132 KV Pithoragarh - Champawat

			quality of forest cover lost will be confirmed. Submit ecological survey report alongside design.	Line, Since the stringing work of said line is 5 % completed, and completed stringing of line is not lying in any natural habitat, and ecological report of said lying is preparing and it will be submitted to next ESMR.
			Presence or absence of sensitive receptors and critical habitat species identified in IEE to be confirmed by field ecologists during route surveys including detailed species surveys as required by the IEE. Adaptive management measures to be applied according to the findings of the surveys, e.g., realignment of cable routing to avoid tree roots, etc.	Complied during the design and construction phase of the project as applicable
			Carefully select route alignments and substation layouts to avoid or at least minimize the need to cut/trim trees by avoiding areas with a high concentration of trees.	Complied during the design phase of the project as applicable
			Cutting or trimming of trees will only be planned when required to meet safety clearance requirements per CEA requirements	Complied during the design and construction phase of the project as applicable
			Entry/exit pits for UG cables to be placed to avoid the area beneath tree crowns (zone for root protection) and other vegetation. UG cable alignment placed to avoid the tree crowns especially mature trees.	Complied during the design and construction phase of the project as applicable
		Primates/Elephants	<u>Applicable to HV Power Lines (OHL)</u> Detailed design to include retrofitting of transmission	Complied during the design phase of the

			towers in forest area/habitat and within 500m with anti-climbing devices designed specifically for primates (barbed wire is less effective).	project as applicable
			Ensure that the minimum height of lowest sag of HV power line conductors is at least 6m over and above the minimum clearance stipulated by CEA, for the safe passage of the terrestrial fauna.	Complied during the design and construction phase of the project as applicable
		Bird Electrocution and Collision	<u>Applicable to all HV Power Lines (OHL)</u> Design of all OHL to minimize the risk of bird electrocution and collision following international best practice for phase-to-phase and phase-to-ground clearances for large birds at risk, as identified in the IEE.	Complied during the design phase of the project as applicable
			Maintain at least a 1.5 meter (60-inch) spacing between all energized components and grounded hardware or, where this spacing is not feasible, covering all energized parts and hardware to avoid electrocution.	Complied during the design and construction phase of the project as applicable
			Bird diverters, wherever required as per MoEF&CC or WII guidelines or where birds are at risk of collision per the findings of the IEE (Appendix C), shall be provided and installed by the contractor immediately following stringing and before commissioning/energizing of the HV power line. Specific lines are: Mangalore - Nara LILO (6 locations for diverters) Kashipur - Mahuakheraganj LILO (5 locations for diverters) Mahuakheraganj - Jaspur LILO (8 sections for	Complied during the design phase of the project as applicable The Bird diverter will be installed as an when required.

			divertors)	
			Exact stretches for bird diverter marking are to be confirmed by field ecologists during route surveys and agreed with PTCUL.	Complied during the design phase of the project as applicable
			Technical specifications for bird diverter available at Central Electricity Authority website (www.cea.nic.in) shall be followed. They must also be an internationally accepted robust design, rotates, of contrasting color, reflects UV light, glows in the dark, and is guaranteed. At minimum the bird divertors to be placed at 10m spacing along the earth wire.	Complied during the design phase of the project as applicable
			Design of second circuit OHL will ensure that the conductors are installed in the same horizontal plane as the existing conductors (to avoid additional barrier being created to bird flight paths).	Complied during the design phase of the project as applicable
			To prevent birds perching immediately above the suspension insulator strings (I-Type / V-Type) and fouling the same with droppings as well as to help prevent electrocution, suitable bird guards shall be provided at crossarm tips of all suspension towers. The bird guard arrangement shall be such that it shall either prevent bird from perching in position where they are liable to cause damages or ensure that if birds do perch, droppings will fall clear of the insulator string and they will not be at risk of electrocution. Suitable provision of cleat / plate to be provided on all	Complied during the design phase of the project as applicable

			suspension towers facilitating installation of bird guard after stringing. At minimum saw type bird guard conforming to IS: 5613 shall be provided.	
	Equipment specifications and design parameters	Polychlorinated Biphenyls (PCB)	<u>Applicable to all SS</u> PCBs will not be permitted for use in any transformers at substations or in any other project facilities or equipment.	Complied during the design phase of the project as applicable
			Provide PTCUL with material data sheets for the insulating oil used in transformers.	Complied during the design phase and construction phase of the project as applicable
			Processes, equipment, and systems not to use chlorofluorocarbons (CFCs) including halon.	Complied during the design phase of the project as applicable
		Exposure to electromagnetic interference	<u>Applicable to all Components</u> Designs to comply with the reference levels of the International Commission on Non-Ionizing Radiation Protection (ICNIRP) for EMF exposure. Contractor to provide EMF calculations to the PISC for review and approval.	Complied during the design phase of the project as applicable
			<u>Applicable to all SS</u> Use of shielding equipment/materials to decrease electromagnetic field exposure included at any substation where calculations identify levels above ICNIRP reference levels at properties close to the substation.	Complied during the design phase of the project as applicable
		Exposure to noise	<u>Applicable to all SS</u> Design substations so operational noise complies with 1-hour LAeq 70 dB(A) at the site boundary, 55dB(A) outside the fence line if located within a commercial zone, 45 dB(A) at the nearest residential	Complied during the design phase and construction of the project as applicable

			properties including located those in commercial zones, and 40dB(A) at 100m distance from silent zones.	
			Given transformers are generally in the range 60-80 dBA at 1m they are to be located at least 5 m inside the substation site boundary but this distance will need to be increase to between 20m - 100m depending on the land use adjacent to the substation for noise limits to be met without additional attenuation. Diesel generator sets will similarly need to be located away from the SS boundaries.	Complied during the design phase of the project as applicable
			If residential properties or other sensitive receptors are near the substation boundary, then measurements must be carried out during detailed design and baseline noise calculations (modelling) considering low frequencies associated with transformer hum will be undertaken by the Contractor to demonstrate that the noise standards/guidelines can be met. If background noise levels already exceed the standards/guidelines the design must ensure that noise levels result in a <3dBA increase in background.	Complied during the design phase of the project as applicable
			Due to presence of receptors within 50m an acoustically designed enclosure or wall will be installed around the transformers at the following substations to enable noise levels to be met during operation: Araghar SS Khatima-II SS	Complied during the design phase of the project as applicable
		Hazardous Materials	<u>Applicable to all Components</u> No asbestos containing materials of any type will be used in the design and	Complied during the design phase of the project as

			construction of project facilities.	applicable
			<u>Applicable to all SS</u> Batteries will be to national standards; use lithium-ion in preference to lead acid or cadmium nickel to minimize use of heavy metals.	Complied during the design phase of the project as applicable
			Separate room for substation batteries will be provided with ventilation and exhaust fan for taking out fume gases in case of leaks and provision of monitoring of substation batteries (remote if not staffed substation) and exhaust fan will be made.	Complied during the design phase of the project as applicable
		Oil Management	<u>Applicable to all SS</u> Secure oil storage areas banded to 110% of capacity with an impervious floor of sufficient size to accommodate all anticipated oil storage requirements will be provided. Ensure these storage areas covered, can be locked, are well-ventilated, will not reach extreme temperatures and are not connected to the surface water drainage system.	Complied during the design phase of the project as applicable
			Substation transformers to be mounted on impermeable surface extending beyond the transformer footprint, banded to 110% capacity and not connected to the surface water drainage system to collect oil spill, leaks, and overflows; transformers to be sited in a separately fenced area that can be kept locked.	Complied during the design phase of the project as applicable
			To manage leaks from oil containing equipment SS designs will follow the Draft Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines)	Complied during the design phase of the project as applicable

			Regulations, 2021, including Soak Pit and Oil collecting pit.	
		SF6	<u>Applicable to all SS</u> Use of alternative insulation medium (such as Hydrophobic Cycloaliphatic Epoxy) to be considered as the preferred option.	Complied during the design phase of the project as applicable
			If no alternative the use of SF6 in gas insulated equipment must be minimized as part of design requirements.	Complied during the design phase of the project as applicable
			Design of any gas insulated equipment will comply with international norms and standards for handling, storage, and management of SF6	Complied during the design phase of the project as applicable
			Equipment to be hermetically pressure sealed "sealed for life" units and be tested and guaranteed by the supplier at less than 0.1% leakage rate.	Complied during the design phase of the project as applicable
			Installation designed and operated so that any leakage will trigger an alarm at the nearest concerned staffed substation requiring O&M staff to rectify the situation immediately.	Complied during the design phase of the project as applicable
			Provide SF6 leakage detector at each substation	Complied during the design phase of the project as applicable
			F6 in fire extinguishers provided at substations to be avoided.	Complied during the design phase of the project as applicable
		Geohazards	Applicable to all Components All designs shall incorporate specific measures, as required by Indian Standards for Earthquake Resistant Design of Structures and other regulations and in coherence with the MoP, Gol Disaster Management Plan	Complied during the design phase of the project as applicable

			for Power Sector to mitigate the risk of damage from seismic events, and other natural hazards including flooding, forest fires and landslides. All structural designs are to be checked for seismic safety by design team and an independent expert, separate to design team, to confirm national and international good practice standards are met.	
		Water body / river crossings	<u>Applicable to all HV Power Lines (OHL and UG)</u> During route survey identify and inventory presence of any surface waterbodies including rivers/streams/ponds within 500m of OHL RoWs and 50m of UG cables and confirm if any are used by local communities for drinking water or other purposes.	Complied during the design phase of the project as applicable
			Carefully select route alignments to avoid bisecting lakes, ponds and wetland areas. Alignment to avoid impacting on rivers/ponds and groundwater sources especially water sources including springs/wells/pumps used by local communities.	Complied during the design phase of the project as applicable
			All OHL River/stream crossings required will be single span.	Complied during the design phase of the project as applicable
			Any river crossing associated with UG LILO of 220 KV Khodri-Jhajra must be in conduit attached to bridge or HDD beneath the river.	Complied during the design phase of the project as applicable
		Climate hazards	<u>Applicable to all Components</u> All designs shall incorporate climate change adaptation measures per the climate risk assessment (2023) including: <u>Examples of</u>	Complied during the design phase of the project as applicable

			<u><i>Climate Adaptation Measures Applicable to SS</i></u> Designs shall incorporate climate change adaptation measures per the climate risk assessment, including:	
			Locate or relocate substations away from areas highly susceptible to flooding/landslides when selecting substation sites.	Complied during the design phase of the project as applicable
			Conducting geotechnical investigations at substation sites.	Complied during the design phase of the project as applicable
			Designing strong foundations with higher elevation and safety factors for substation equipment including power transformers.	Complied during the design phase of the project as applicable
			Building parapet walls, drainage systems, embankments as required at substation sites	Complied during the design phase of the project as applicable
			Building fire walls between power transformers at substations.	Complied during the design phase of the project as applicable
			Providing lightning protection measures including station class surge arresters, equipment earthing, earth mesh etc. to minimize risks due to lightening.	Complied during the design phase of the project as applicable
			Implementing GIS substations at required locations to save space and minimize climate and disaster risks.	Complied during the design phase of the project as applicable
			Using power transformers with higher efficiency ratings at substations.	Complied during the design phase of the project as applicable

		Slope Stability	<u><i>Applicable to all Components</i></u> Project components on slopes must incorporate slope stability measures such as bioengineering methods and retaining walls with adequate drainage to avoid exacerbating surface erosion and/or triggering a landslide. All designs for works in steep topography to be checked by design team and an independent geotechnical engineer, separate to design team, to confirm national and international good practice standards are met. Steep topography is present at,	Complied during the design phase of the project as applicable
			Lohaghat SS Champawat second circuit stringing OHL	Complied during the design phase of the project as applicable
	Hazards to Life	OHS	<u><i>Applicable to all Components</i></u> For all construction works undertake facilitated H&S risk assessment through a workshop during the design (and at other key stages) so it can inform both design and pre-construction preparations, considering both occupational and community H&S risks resulting from subsequent stages of the project. Facilitated workshop will involve the design and construction team of the contractors and PTCUL operational staff.	Complied during the design phase and construction phase of the project as applicable
		Explosions / Fire	<u><i>Applicable to all Components</i></u> All substations and other project facilities will be designed and constructed according to national fire safety standards.	Complied during the design phase of the project as applicable
			<u><i>Applicable to all HV Power Lines (OHL)</i></u> Ensure detailed design of OHL HV power lines incorporates lightening	Complied during the design phase of the project as applicable

			protection to minimize forest fire risks.	
			<u>Applicable to all SS</u> All substations will follow any national requirements for emergency response planning and response in compliance with Ministry of Power, GoI Disaster Management Plan for Power Sector- 2021	Complied during the design phase of the project as applicable
			Ensure designs of substations in vicinity of forest habitat where dry pine needles accumulate account for potential forest fires e.g., at Lohaghat SS.	Complied during the design phase of the project as applicable
		Electrical	<u>Applicable to all HV Power Lines (OHL and UG)</u> Ensure HV power line designs are in accordance with all national safety standards for OHL and UG cabling.	Complied during the design phase of the project as applicable
			To prevent cable break incident of new UG cables, cable markings will be installed above the cable to inform those who may be excavating in future.	Complied during the design phase of the project as applicable
			In case the armor is broken by a third party and the core damaged, protection relays to which the UG cables connect will be designed to detect this and stop sending electricity immediately by automatically opening switchgear to prevent a live shock to the person.	Complied during the design phase of the project as applicable
		Access	<u>Applicable to all Components</u> Designs will ensure that there can be no illegal access to substations.	Complied during the design phase of the project as applicable
			Include in the design of all towers anti-climb features together with posting of written and visual warning signs to include the ISO 7010 "Hazard Type: Electrical Symbol" warning	Complied during the design phase of the project as applicable

			of the risk of electrocution.	
		Building and tower safety	<u>Applicable to all SS</u> All buildings will be designed in accordance with national building safety codes and Indian Standards for Earthquake Resistant Design of Structure	Complied during the design phase of the project as applicable
			All structural designs to be checked for building and seismic safety by design team and an independent expert, separate to design team, to confirm national and international good practice standards are met.	Complied during the design phase of the project as applicable
	Soils	Contaminated Land	New substations making use of existing substations will be surveyed by a contaminated land professional employed by the contractor during the design phase to assess the potential for soil contamination to be present in the area proposed for works (Phase 1 Site Investigation).	Complied during the design phase of the project as applicable
			If signs of potential contamination are present in this area, e.g., oil storage tanks, old leaking transformers, oil staining, etc. soil sampling and testing shall be undertaken in the proposed work area to determine the level of soil contamination.	Complied during the design phase of the project as applicable
			The findings and recommendations of the survey will be submitted to PTCUL for approval.	Complied during the design phase of the project as applicable
			If soil contamination is noted in the work area, a method statement for the management and/or removal and disposal of the contaminated soil as hazardous waste following international good EHS practices will be prepared	Complied during the design phase and construction phase of the project as applicable

			and submitted to PTCUL for approval.	
			This is specifically applicable to the following substations as well as any others supporting existing land use other than agriculture: 220/33 KV (2x50 MVA) GIS Substation, Selaqui, Dehradun 132/33 KV, (2X40 MVA), GIS Substation, Araghar (heavy metals identified during baseline soil sampling) 132/33 KV (2x40 MVA) GIS Substation, Dhaulakhera, Nainital	Complied during the design phase of the project as applicable
	Asbestos	Removal of asbestos existing substations at	<u>Applicable to all SS</u> If demolition of existing buildings or structures is required, then they will be surveyed by a competent asbestos surveyor employed by the contractor during the design phase to confirm the risk of asbestos being present. The findings and recommendations of the survey will be submitted to PTCUL for approval.	Complied during the design phase of the project as applicable
			If asbestos is found a method statement (Asbestos Management Plan) for its management and/or safe removal and disposal of asbestos as hazardous waste following international good EHS practices will be prepared and submitted to PTCUL for approval.	Complied during the design phase of the project as applicable
			Removal and disposal of asbestos will be in accordance with the asbestos management plan. Site will need to be confirmed "clean" by a competent asbestos surveyor before any works on the new SS will be	Complied during the design phase of the project as applicable

			started.	
	Final Designs	Community Consultations	<u>Applicable to all Components</u> Contractors to undertake and document meaningful consultations with potentially affected persons and local communities within 500m of the substations and OHL RoWs and 50m of UG RoWs, ensuring representation of at least 30% women, as well as other stakeholders including local authorities and public utilities during design in order that any concerns raised can be reflected in the choice of SS site layout, route alignment and construction method.	Complied during the design phase of the project as applicable
			Every individual on whose land the OHL towers will be installed will also be consulted one-on-one by the Contractor prior to finalization of the position of the tower footings.	Complied during the design phase of the project as applicable
		Review of documentation, update of the IEE	documentation, update of the IEE Applicable to all Components Detailed designs will be reviewed by the contractor and PTCUL to confirm all measures required by the IEE/EMP have been adequately incorporated and that they reflect international engineering best practice/good EHS practice before they are approved.	Complied during the design and construction phase of the project as applicable
			Prior to PTCUL approval of the designs and commencement of construction, ensure that PTCUL have updated the IEE as required to reflect the final scope of SS works/design/route alignment, seeking ADB clearance of any updated IEE before works start by contractor.	Complied during the design phase of the project as applicable

6.2 Compliance to Environmental Management Plan for Construction Phase (Package 1- Lot1, Lot2), Package 2, Package 3- Lot-1,Lot2

S. No	Items	Impact	Commitment	Compliances
1.	Training	Pollution Prevention	Conduct bi-monthly training of workers on pollution prevention control including good housekeeping and how to clean up oil/fuel spills and dispose of contaminated sorbent material which would be treated as a hazardous waste. Include emergency preparedness and response procedures (drills) in case of spill. To include training for subcontractors before commencement of works.	Bi-monthly training conducted; subcontractor induction is being done. Spill drills are done and Subcontractors trained prior to mobilization. Records maintained.
			Information will also be incorporated into the site induction process and will outline the role of personnel in the management of waste and emissions from site and spill response procedures. Site induction training will be supplemented by regular toolbox talks with relevant personnel if inspections or audits highlight failings in waste management.	Site induction includes pollution and waste management protocols. Toolbox talks conducted regularly.
		OHS	Conduct daily toolbox talks on pertinent topics related to the day's work and weekly training on occupational health and safety for all construction workers including refreshers. To include training for subcontractors before commencement of works.	Toolbox talks conducted daily; attendance sheets and topics recorded. Sample Photographs for the same is enclosed

			Ensure workers with a specific role have attended specialized health and safety trainings related that role e.g., health and safety stewards, first aiders, fire safety officers, as well as ensuring workers have received task-specific trainings for working at height, demolition, working with electricity, etc.	The skilled labour and unskilled labours are categorized differently, training of OHS provides as per their skilled.
			Only allow suitably trained and qualified workers to work on electrical equipment and at height, these workers must have training record of attending suitable training course on electrical safety and working at height and be provided with and wear the appropriate PPE for their role.	Task-specific training (e.g., working at height, demolition, electrical work) are being conducted at the site. Job-specific induction and safety briefing conducted. Along with the records.
			Untrained workers must not be permitted to work with live electricity or to work at height.	Strict access control in place. Supervisors enforce restrictions at site level.
		Emergency Response	Conduct monthly training involving all workers on emergency preparedness and response procedures (drills) in case of an occupational or community health and safety incident during construction works including fire, natural hazard, disease outbreak etc. To include training for subcontractors before commencement of works.	Mock drills conducted at every 15 days for avoiding any emergency occurs at constructed sites.
			Emergency preparedness and response training for construction management will include modules on fire and fire safety including include training on how to use first aid and firefighting equipment provided on-site, and scenario of potential or confirmed COVID-19 infection.	Emergency Preparedness and response training provided at every sites.
		Driver	Driver training, monthly, to include advice	Complied.

		Training	on behaviors to reduce the potential for disturbance, including use of horn, loud radios with windows open, switching engines off when not in use, strictly observing speed limits and not accelerating or braking aggressively.	Also, drivers are instructed to avoid drinking and driving.
2	Communications	GRM	Contractor's safeguards team will act as site GRM Focal and keep affected persons and local communities informed of the status of work and be readily available onsite to receive, document and deal with grievances at site level.	GRM focal person appointed. Communities informed through meetings and notices. Complaint register maintained at site.
			Encourage use of the GRM and clarify that this does not prevent affected persons from pursuing any legal action, if they feel it is needed, and inform communities about the ADB Accountability Mechanism and their possibility to resort to it if any grievance is not resolved by the project level GRM.	Community sensitization conducted. GRM process and ADB Accountability Mechanism explained during public consultations.
		Worker GRM	GRM will be available to all workers for receiving and handling complaints about unfair treatment or unsafe living or working conditions, sexual harassment, ensuring no coercion nor reprisal.	Worker-specific GRM established and explained during induction. Complaint box and logbook available. Grievance confidentiality assured.
			Construction workers will be given access to register any grievances with the contractors or direct access to the PTCUL GRM Focal	Grievance access pathways clearly displayed at the site. Workers oriented about PTCUL contact details and

				escalation process.
3	Air Quality	Release of Exhaust Gases and Fugitive Emissions	Emission sources (vehicles such as excavators) shall be positioned as far as is practical from sensitive receptors.	Being Complied Vehicles and excavator positioned far away from receptors to minimize exposure
			Equipment and vehicles will be regularly maintained in accordance with the manufacturer's recommendations to maximize fuel efficiency and help minimize emissions.	Maintenance logs maintained; servicing done regularly to optimize efficiency
			Use diesel fuel that has a low sulfur content, less than 0.1%	Fuel procurement complies with low-sulfur standards
			Construction equipment and vehicles will meet national emissions standards.	All operational equipment meets CPCB/State norms
			Hold valid PUC emission certificates of all construction vehicles.	Being Complied, Certificates are up to date and collected in control of records
			Belching of black smoke is prohibited.	Being Complied, Operators trained and monitored; non-compliant vehicles not allowed.
			Limit engine idling to maximum 5 minutes.	Drivers instructed and

				monitored through site supervision
			The open burning of wastes generated by project-related activities is strictly prohibited.	Waste managed per waste management plan; no open burning observed
			Avoid the use of diesel- or petrol-powered generators and use mains electricity or battery-powered equipment where practicable.	Battery-powered equipment supply used to maximum extent possible; diesel generators avoided at site
			Stack emissions of temporary diesel generator set or hot mix to comply with national emission standards with the stack height designed according to both national requirements and IFC EHS General Guidelines.	No HMP is required to setup at site. No DG sets are being used also as the electricity connection is available at site. With the progress of work, if the requirement of DG set and HMP arises, necessary compliance regarding standard emission will be ensured.
		Siting of Equipment	Stationary emission sources (e.g., portable diesel generators, compressors, etc.) shall be positioned as far as is practical from sensitive receptors.	No generators currently in use; if required, proper siting will be ensured

		Dust	Ensure an adequate supply of bowsers and carry out watering for dust control at least twice a day within 50m of work sites: in dry weather with temperatures of over 25°C, or in windy weather. Dust control measures will also be implemented on all access roads within 50m of residential / sensitive receptors. Avoid overwatering as this may make the surrounding muddy.	Complied at site, Dust control measure had been taken at site i.e. spraying of water, and covering of dust by using Tarpaulin etc.
			If temporary access tracks are constructed with a gravel surface, they will be routinely watered by during dry weather to reduce dust impacts.	Being Complied, regularly sprayed of water at temporary tracks
			For UG cables entry/exit pits will be refilled with temporary repaving of the excavated area done manually immediately once cable installation is completed.	It shall be complied, while working on UG cables at site.
			Soil scattered on pavements and roads shall be immediately swept up to avoid windblown dust.	Regular sweeping done at work areas and access roads
			Vehicle movements will be restricted to defined access routes and demarcated working areas (unless in the event of an emergency).	Being Complied, vehicle movement is restricted to access routes, construction sites is demarcated by caution tape etc.
			A strict Project speed limit of at most 30km/hr. will be enforced for Project vehicles using unmade tracks.	Being Complied, speed limit boards are displayed at site for vehicle and strictly follows.

			Excavated materials will be stockpiled where practical away from sensitive receptors, such as homes, schools, and health facilities. Where this is not possible, ensure regular watering of stockpiles to prevent dust impacts.	Being Complied, excavated material are stockpiled away from sensitive receptors i.e. homes, schools, and health facilities.
			Keep stockpiles of soil, aggregate and waste materials covered with canvas or tarpaulin when spoil heaps are not active to avoid suspension or dispersal of fine soil particles during windy days and to prevent disturbance by stray animals.	Being Complied, stockpiles of soil, construction materials and covered with tarpaulin and canvas. and spraying of water on daily. Excavated materials stored away from schools, homes, etc.
			Earthwork operation will be suspended when the wind speed exceeds 20 km/h in areas within 500 m of any community.	Being Complied
			Vehicles carrying fine aggregate materials will be sheeted with canvas or tarpaulin to help prevent dust blow and spillages.	Being Complied
			Only use cutting, grinding, or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g., suitable local exhaust ventilation systems.	Being Complied, cutting of steel is being done by Steel cutting machine.
			Concrete batching (if required) will be sited at least 500m away from sensitive receptors.	No batching plant in operation currently; compliance ensured if required

			For SS a solid temporary fencing shall be installed around the boundary/works area to minimize the dispersion of dust, it will also function as a temporary acoustic noise fence to minimize the noise and visual impact.	Fence installation underway; will act as dust/noise barrier
			Undertake weekly dust soiling checks of surfaces of adjacent properties during earthworks and help with cleaning of external surfaces of property if dust is evident.	Regular checks done; no cleaning required yet
			If there is an increase in existing background air pollution or complaints are received contractor will be required to implement additional dust or noise mitigation e.g., barricading/isolating sources of dust, use of wheel wash etc.	Being Complied. No complaints received yet; mitigation plan in place
			Provide workers with N95 dust masks to be worn when ambient conditions are dusty or when dust generating activities take place.	Being Complied, N95 mask is being used by workers at site, and N95 mask is strictly wear by worker
4	Hydrology	Water resources	Construction activities must not limit the availability of or restrict access to water sources (e.g., wells) used by local communities.	Being Complied
			Natural flow of waterbodies must not be obstructed or diverted to another direction.	There is no obstructed any natural water bodies at site.
		Water pollution	Follow liquid management and storage requirements listed below under 'soils'.	Being Complied
			No untreated wastewater will be discharged direct to surface water bodies or groundwater.	Being Complied,
			All wastewater to be connected to existing sewerage system or septic tank with soak away, septic tank/soak away effluent to meet national general wastewater	Being Complied, Wastewater is connected

			standards or IFC wastewater discharge limits, whatever is the most stringent.	through sewerage system, and septic tank is constructed at site
			Self-enclosed portable toilets may be used where the wastewater generated is enclosed in a container and will later be taken offsite to a municipal STP for wastewater treatment and disposal.	Being Complied Self -Enclosed portable toilets installed at each site and generated waste is connected with constructed septic tanks
			Use of pit latrines is prohibited as is open defecation and urination and uncivil use of roads or private premises by construction workers.	Being Complied, proper latrines is constructed with septic tanks for workers, and urination and defecation is strictly prohibited at constructed site.
			Concrete batching (if required) will be sited at least 50m away from sensitive receptors such as watercourses; wash pits to be lined with an impermeable liner.	Being Complied
			Treated wastewater will be used for damping down earthworks and road surfaces to mitigate dust generation.	Being Complied
			Construction camps will be located at least 50m from water courses.	Being Complied
			Locate mobile generators and site construction equipment at least 50m from groundwater resources and surface waters.	Being Complied
5	Soils	Soil Compaction	To avoid compaction impacts outside the cleared areas, i.e., tower foundations vehicle movements will be restricted to	Being Complied

			defined access routes and working areas (unless in the event of an emergency).	
		Topsoil and excavated materials	Minimize removal of existing vegetation and topsoil. Topsoil disturbed will be separately stored and used to restore the surface of the excavated area.	Will be implemented during topsoil removal, if required
			On completion of works, stockpiled topsoil will be spread over the surface of disturbed areas (if not under hard surfaces) and used in the restoration of temporary construction facilities. Once the topsoil has been replaced it will be stone picked to remove any large stones which are not in keeping with the surrounding soil texture. Revegetation of the soils will follow using native seed mixes to Uttarakhand.	It is being implemented after completion of construction. Topsoil is applied as part of site restoration after work completion
			Soil exposed to oil leakage from transformer equipment that MLV power lines are connecting to be to be removed from site for disposal as a hazardous waste.	Being complied, while erection of transformer at site and strictly follows the waste management plan of hazardous disposal.
			Records of excavated soil, generated waste, and transfer records will be kept.	Records are being maintained.
			If topsoil is stored for more than six months, the stacks will be monitored for anaerobic conditions and manual aeration will be undertaken if they develop.	Being complied
			Stored subsoil and topsoil will be segregated in a manner that avoids mixing.	Segregation of top soil is being ensured
			Topsoil stacks will be free draining. Topsoil will be stored outside the running track used by construction plant, equipment and vehicles.	It shall be complied if required.

			Soil storage areas will be protected from vehicle movements to avoid soil compaction.	Storage zones are fenced and demarcated to restrict access by construction vehicles
			Excavation will be limited to within the agreed corridor of impact.	Excavation monitored regularly; no encroachment beyond designated boundaries
			Infertile and rocky material will where possible be reused as fill material around foundations. If it needs to be taken off site, it will be disposed by licensed waste management operator at designated disposal area suitable for accepting inert wastes.	Not applicable
			Upon completion of subsoil and topsoil reinstatement, disturbed areas will be inspected jointly for signs of erosion, slope instability, topographic diversity, surface water drainage capacity and function, and compaction with the contractor implementing remedial measures where required.	Being carried out after completion of topsoil and subsoil reinstatement; remedial measures are being implemented as needed
		Soil erosion	Schedule works during the dry season where practical to minimize any exposed areas subject to erosion by surface water runoff.	Where feasible, major excavation and land disturbance activities are planned during dry periods
			Temporary erosion control measures will be developed and implemented after initial land disturbance and if construction activity on the working areas is suspended over the wet season before full reinstatement of the site has been completed.	Temporary erosion controls such as silt fences and bunds are used when work is halted during rain

			Rehabilitate any disturbed areas beyond footprint of the alignments and substation infrastructure footprint to at least original condition through vegetation using native species.	Restoration is ongoing using native species; limited areas disturbed beyond footprint are addressed progressively
			Slope stability measures to be implemented during construction to minimize landslide risk.	Measures such as benching, retaining structures, and proper drainage are in place on sloped terrain
			In steep terrain natural flows will be diverted around the tower site and the foundation protected by grading of excavated slopes, placing riprap or retaining wall, or other erosion control measures.	Not Applicable
			Temporary access tracks will not be cut into a hillside immediately below a tower.	Not Applicable
			Temporary access tracks will be graded and sloped to prevent unnecessary flow of water across them and to minimize soil erosion.	Not Applicable
		Contaminated Land and asbestos	Any soils within work sites that appear to be contaminated by leaked oil or fuel shall be removed and disposed of as hazardous waste per the Contaminated Land Management Plan, similarly asbestos will be managed per the Asbestos Management Plan. This is specifically applicable to the following substations as well as any others supporting existing land use other than agriculture:	There is no hazardous waste recorded
			220/33 KV (2x50 MVA) GIS Substation, Selaqui, Dehradun	
			132/33 KV (2x40 MVA) GIS Substation, Dhaulakhera, Nainital	

			132/33 KV, (2X40 MVA), GIS Substation, Araghar	
		Drilling fluid	HDD equipment will use water as a drilling fluid to reduce noise level. Do not allow the use of oil or bentonite clay as a drilling fluid. Where water is used any excess must be disposed of to open ground for percolation, or if no open ground to waiting tanker trucks for proper disposal, it must not be disposed of to surface water.	Not Applicable for construction of substation, and overhead UHT line, it shall be complied while construction of underground line.
		Soil Pollution	Fuel, oil, and chemicals used to be kept under lock and key and stored in labelled, sealed containers on drip trays to provide secondary containment. They will be located on an impermeable surface and be under cover. This will be located at least 50m from any surface water course or seasonal water channel.	Storage facility is set up as per EMP guidelines
			Mount plant containing oil and diesel on drip trays to catch leaks.	All active plant on site has drip trays in place
			Refueling operations, equipment servicing and wash-down to take place on an impermeable surface at least 50m from watercourses, springs and wells, with drainage directed through oil and grease interceptors before being discharged into a settling pond prior to discharge offsite.	Refueling area identified and isolated with proper drainage
			Regular inspections and maintenance will be carried out of secondary containment areas to confirm that they are functioning effectively.	Maintenance checklist and inspection log maintained
			Provide sufficient absorbent materials (e.g., sorbents, dry sand, sandbags) on-site for soaking up fuel, oil or chemical leaks/spills.	Absorbent kits placed at fuel and chemical storage areas
			Spill response equipment (absorbents etc.) will be available in hazardous materials storage areas.	Spill kits placed and marked in each designated zone

			All material safety data sheets (MSDS) are kept on site with the relevant materials.	MSDS folder available and accessible to workers
			Materials that can potentially react with each other will be segregated during storage.	Segregated racks and labeling system implemented
			Hazardous chemicals will be securely stored on site in a designated storage area.	Locked hazardous storage container established on site
			Relevant personnel will be trained in safe use and handling of hazardous materials.	Training logs maintained; training conducted regularly
			Relevant construction personnel will be trained in use of spill kits and disposal practices.	Toolbox talks and hands-on demonstrations provided
			Vehicles delivering fuel or hazardous liquids will carry appropriate spill kits to allow an initial response to any spill to be deployed.	Vehicles checked and verified to carry spill kits
			All mobile plant (excluding vehicles) will be integrally bunded or will be equipped with a bund or drip tray which will be regularly inspected and emptied to prevent rainwater accumulating.	Inspection routine followed; log maintained on-site
		Contaminated Land	Any soils within work sites that appear to be contaminated by leaked oil and fuels including areas of oil leaks beneath equipment shall be removed and disposed of as hazardous materials. This is specifically applicable to the following substations as well as any others supporting existing land use other than agriculture and spills/leaks that occur during works:	There is no hazardous waste recorded till date

			220/33 KV (2x50 MVA) GIS Substation, Selaqui, Dehradun	
			132/33 KV, (2X40 MVA), GIS Substation, Araghar	
			132/33 KV (2x40 MVA) GIS Substation, Dhaulakhera, Nainital	
6	Biodiversity	Project footprint	Minimize removal of existing vegetation and topsoil to that which is necessary.	Only necessary vegetation and topsoil removed
			Implement careful construction practices to avoid damage to trees.	Protective fencing and manual operations near trees
			In preference to being cut, trees in ROW that can survive it will be pruned in preference to being cut, such that they might re-establish quicker following works.	Pruning done where survival is possible
			For second stringing felling trees in gullies and valleys is to be avoided.	Felling is being avoided
			Demarcation of all working areas and avoid encroachment outside the agreed corridor of impact.	Site boundaries are clearly marked
			Vehicle movements will be restricted to demarcated working areas (unless in the event of an emergency) to reduce unnecessary impacts to habitat.	Movement confined within site limits
			In wet conditions, minimize use of heavy machinery and consider temporary installation of removable steel plates to protect soil and its vegetation cover.	Light machinery or manual work preferred in wet soil
			For second stringing no works will be allowed outside of the RoW in forest areas/habitat. Unnecessary use of machinery to be avoided in the forest area/habitat to minimize disturbance to fauna, in forest area/habitat construction will be manual	Only manual work undertaken in sensitive areas

		Contractor will not allow any works to be undertaken from 1 hour before sunset to 1 hour after sunrise to avoid disturbance to the fauna in (i) forest areas/habitat, and (ii) rural areas outside of settlements within the ESZ or within 10km of a protected area for which an ESZ has not been notified.	Working hours adjusted to avoid disturbance
		No lighting is to be used within any forest area/habitat or within rural areas outside of settlements within the ESZ or within 10km of a protected area for which an ESZ has not been notified.	No lights used in ecologically sensitive zones
		Prior to excavation, area will be checked by ecologist for any signs of burrows etc. If determined to be occupied, only manual digging under the supervision of ecologist will be permitted.	Not applicable, only stringing work is executed in forest area and it shall be complied if necessary
		Excavated pits will be robustly fenced or covered to prevent fauna accidentally falling in, further an escape ramp will be provided to allow their escape - particularly in forest area/habitat.	Not applicable, only stringing work is executed in forest area it shall be complied if necessary.
		Keep written record, supported by photographs, of any animal casualties, including a cause of death if known?	No incidents to date; record-keeping is being done
		Strict prohibition on construction workers to enter forest area/habitat outside of their working hours. Strict prohibition on purchase, sale, and use of firewood, timber and NTFPs, hunting and poaching of fauna by workers.	Security and awareness compliance ensured
		Provide good standard of worker accommodation with heating and all meals to help discourage breaches of prohibition by the workers.	Regular monitoring and strict enforcement in place

			Strict prohibition of fuel wood or timber being cut by the construction workers. Contractor and construction workers will be prevented from the use of firewood for cooking their food and heating etc.	Meals and LPG heating provided to avoid forest resource use
			Contractor to provide alternative fuel source (e.g., kerosene/LPG, which will be stored in safe conditions) to communal kitchen and for heating of worker accommodation.	Being Complied, LPG is used in safely manner to cook food at accommodation area; firewood use banned
			Contractor to undertake regular, compulsory awareness raising activities for all workers related to prohibitions including toolbox talks and posting of information and warning signs at site offices, worker camps, and at all work sites in forest area/habitat, patrols by security guards employed by the Contractor, regular inspections of the worker camps, and disciplinary procedures for any contravention by the workers.	Being Complied and toolbox training is given to worker before starting of prior to works
			Fuel will be stored outside of and refueling will take place outside of forest area/habitat to minimize the risk of forest fire.	Refueling happens outside forest buffer zones
			Contractor to provide fire-fighting equipment at work site with compulsory basic fire training for all workers and training drills undertaken in preparation for forest fire. In case of forest fire, Contractor to act swiftly to minimize impacts on the environment and human life.	Mock Drills are conducted; kits placed at key areas
			Record all trees removed during construction, compensation paid, and replacements planted (including location, species, size, and economic value) and monitor their current health and survival status, for up to two years following plantation.	Records maintained and monitored

			Cut/trimmed trees and other vegetation trimmings will be removed off-site as soon as line is completed. Unless sold for reuse, to be disposed of to a suitably licensed waste management facility with all waste transfer records retained.	Waste cleared regularly and disposal records kept
			Temporarily store cut/trimmed trees and other vegetation trimmings away from the roadside. No blocking of accesses or roads with cut vegetation.	Being complied
			Any vegetation material not handed over to the landowner will be immediately removed from site for disposal by a licensed waste management contractor once cutting works are completed. No dumping of cut vegetation on agricultural fields.	Temporary storage only in safe zones
			Temporary works areas will be reinstated to original condition. Prompt re vegetation of disturbed areas on the completion of works with plant species native to Uttarakhand.	Replantation ongoing with local species
			Routine inspection of re-planted trees to ensure the correct numbers of trees are re-planted according to the compensation payments made to Forest Department.	Monitoring team tracks survival and health of planted trees
			Trees shall not be removed during the nesting season.	Tree work scheduled outside nesting season
			Land clearing activities at Landhora SS undertaken outside the nesting season to avoid impacts to birds (generally April to June, but to be confirmed by ecologist after field surveys).	This project has been dropped.
		Second stringing	No trees will be felled. If trees are to be selectively lopped following granting of permission by the Forest Department, they are to be identified, species and location confirmed, counted, marked, and lopped manually (i.e., with hand-held equipment) using appropriate forestry techniques to minimize impacts on adjacent vegetation.	No tree felling done; tree lopping only after Forest Dept. clearance and using manual tools

			Important tree species to retain will be marked separately and protected during the construction.	Retention trees marked with paint/tags and protected with barricades
		Pesticides	Use of herbicides or burning to clear vegetation is strictly prohibited.	No herbicides or open burning used at site; vegetation cleared manually
		Invasive Species	Removal and disposal of identified invasive plant species in an ecologically sound manner.	Invasive plants like Lantana cleared and disposed via licensed facility; no re-sprouting at site
		Nest Management	Before cutting/trimming trees ecologist to check for presence of nesting birds or roosting bats.	Pre-clearance bird/bat inspection done by ecologist before tree work
		Private Crops / Trees	Where the Project results in loss of loss of fruit-bearing trees that have economic value compensate in accordance with the entitlement matrix in the Project LARP; the contractor will pay any subsequent compensation for loss or damage to private trees due to the fault of the contractor's work.	Tree compensation done via approved process; no contractor-caused damages reported to date
			Schedule works to avoid or minimize crop disturbance where lines cross private land, such as undertaking works in between crops.	Construction timed between cropping cycles to avoid damage; no crop complaints received
7	Land Use	Damage to Property or cause detriment or inconvenience	Construction work will make effort to cause as little damage to property or cause detriment and inconvenience. If caused, PTCUL shall make full compensation.	Being complied. Efforts are being taken to avoid any property damage or inconvenience. No such cases

				reported so far.
			All unanticipated damage to existing public and private property shall be restored to pre-project condition and/or compensated at the cost of the contractor in line with the LARP entitlement matrix.	No unanticipated damages have been reported till date, it shall be complied in future, if necessary
			If any borewells, water pumps or water supply networks are damaged during works the contractor must provide the affected users with an adequate, alternative drinking water supply meeting national standards whilst immediately repairing the damage caused.	No such damages has been reported till date, it shall be complied in future, if necessary
		Damage to trees and crops	Route alignment to avoid or minimize tree cutting and crop disturbance where lines cross private land. For all trees which exist prior to placing of the overhead line, the person interested in the tree/crop shall be provided reasonable compensation.	Route planned to avoid crop/tree damage; pruning over cutting practiced
			EPC contractor will schedule works to avoid or minimize crop disturbance where lines cross private land, such as undertaking works in between crops.	Being complied. Scheduling is being done accordingly to avoid crop impact.
			The loss of trees and crops are to be compensated at the rate estimated by (i) Forest Department for timber trees, (ii) State Agriculture Extension Department for crops, and (iii) Horticulture Department for fruit/flower trees	Being complied. Compensation rates determined by respective departments are being followed.
		Avoidance of impacts to crops / agricultural land	Use existing access roads and tracks traversing uncultivated, fallow land (not natural habitat) as much as possible to avoid additional crop damage.	Being complied. Existing tracks are being utilized wherever

				feasible.
			Repair any temporary damage caused to agricultural fields after construction is completed.	Topsoil segregated and reinstated post-work
			Saving the top-soil and restoration of land will be done by the Contractor to previous use and farmers will be allowed to continue their cultivation post the construction.	Community access not restricted
			Allow men and women to have continued, safe access to common land for uses such as fuelwood and fodder and water resources	Being complied. Access is not restricted.
			Ensure continuous consultation with affected households and residents.	Being Complied and consultation is continuously reported
8	Waste Management	General impacts	Provide adequate facilities for handling and storage of construction materials to reduce the amount of waste that is caused by damage or exposure to the elements and a system for the collection/storage of wastes generated.	Being Complied, Construction materials such steel, cement, and sands aggregate etc are properly covered and store their yards at each site.
			Any plant or equipment that is rejected during the installation and commissioning due to damage or failure to immediately be removed from the site and returned to the supplier.	It shall be complied, if necessary, there is no such failure reported till date.
			Ensure that the waste hierarchy is followed including prevention, minimization, reuse and recycling -- maximum reuse and recycling of waste and timely removal of unusable waste according to national waste management regulations.	Being Complied, if necessary, such as waste of steel it is reuse if required any area

			Restrict use of plastics and polyethene and use recyclable/biodegradable materials during construction to the extent possible.	Being Complied, bio degradable materials is used for slab casting
			In locations where waste is dumped (existing site conditions) the contractor will clean the site and collect the waste for onward disposal before they commence their works.	No such waste has been found at each site before commencing of work, it shall be complied if required.
			Ensure sufficiently sized facilities are provided for the environmentally safe and sound collection, segregation and storage of waste (including from overnight accommodation) on-site, maximum reuse and recycling of waste by reputable, legitimate, licensed third parties and timely removal and safe transportation of unusable waste to a suitably licensed and engineered waste management facility with all waste transfer records retained. Keep copies of the waste management company's licenses on file. Document all volumes and types of wastes generated and removed off site (inert, solid, hazardous) using transfer	It shall be complied if required
			Leaving or disposing of construction wastes by burying them on-site or disposing of them at unlicensed waste management facilities is strictly prohibited.	Being complied. No on-site burying is allowed.
			Unsanitary open dumps are not to be used by the contractor or their third parties.	Being Complied and unsanitary open dump is strictly prohibited at site.
			Municipal waste collection systems must not be used as this is likely to mean that the waste is open dumped, arrangements should be made for direct disposal to a suitably licensed and engineered waste management facility with all waste	Being complied. Licensed facility is used; records maintained.

			transfer records retained.	
			Burning of waste on-site is also strictly prohibited.	Being Complied, burning of construction waste is strictly prohibited.
			No construction material or waste to be poured or thrown into drains	Being Complied, the construction waste is in the dumping yard of each construction site, and no waste to be poured into drains.
			Provide regular training of staff in waste management issues.	Being Complied
		Recycling	All recyclable waste (plastic, metal, paper, etc.) will be sorted on source and sent for recycling where facilities for recycling of these materials exist.	Being Complied, recyclables waste is sorted and dumped into their respective places
		Domestic and Inert Waste	No domestic waste shall be left at work sites.	Being Complied
			Ensure that wastes are not haphazardly dumped within the work sites and adjacent areas	Being Complied
		Hazardous Waste	Use containers suitable for each type of waste.	Presently there is no hazardous waste at site
			Mark containers adequately specifying the waste types.	Presently there is no hazardous waste at site

			Do not mix various waste streams.	Presently there is no hazardous waste at site
			Remove waste at the completion of the work day and return it for storage at the appropriate Contractor facility before final disposal via a state licensed contractor for hazardous waste removal and keep agreements with hazardous waste management company's active.	It shall be complied if required or necessary
		Excavation Waste	Any spoil material from trenches and substation foundations will be removed from the site and sent to an appropriate state licensed waste management facility.	There is no excavation waste occur at site, excavated soil is back fill after completion of foundation work
		Waste Tracking	Keep copies of waste manifests on site.	Being Complied
			Keep a record of waste on-site and waste removed.	Being Complied
9	Noise and Vibration	Elevated noise levels	Equipment and vehicles will be regularly maintained in accordance with the manufacturer's recommendations to help minimize noise emissions	Being complied. Maintenance logbooks are maintained and adhered to.
			Contractor to use suitably designed mufflers or sound reduction equipment on breakers/drills and ensure all leaks in the air line are sealed on them	Being complied. Mufflers and leak sealing ensured during equipment use.
			Work will be undertaken in daytime hours only - in accordance with IFC EHS definitions (7am - 10pm).	Being Complied, no night-time work is scheduled.
			Noisy construction activity at substations (especially earthworks) only between the hours of 8 am - 6 pm.	Earthwork operations are scheduled accordingly.

		For UG cables only daytime working is permitted unless in commercial zones with dense urban areas for reasons of road safety and avoiding traffic congestion it is otherwise agreed in writing with the municipal authorities and following consultation with all adjacent residents/occupants of buildings to avoid noise nuisance.	UG cable work is conducted in daytime only; no night shifts done.
		Noise generating construction-related activities will be avoided during evenings, school hours, exam periods, prayer times, religious or cultural events near the sensitive recept	Work rescheduling is done if sensitive timings are identified.
		No works on Sundays, holidays or festival days.	Being complied. Work is not performed on restricted days.
		Sensitive receptors to be consulted with any other special days when they would wish noise levels to be minimized.	Being complied. Community feedback is collected before major works.
		Loud construction noise, breaking and drilling activities, must be limited to very short periods of activity adjacent to receptors to minimize disturbance.	Being Complied and strictly avoid any noise pollution on construction site
		Construction noise in the vicinity of houses must be limited to 55dB(A) as 1hour LAeq - if nighttime work is permitted it must be limited to 45dB(A) as 1hour LAeq	Noise monitored regularly. Activities near houses restricted to daytime. Night work avoided or mitigated with noise barriers.
		In silent zones it must be limited to 50dB(A) as 1hour LAeq - if nighttime work is permitted it must be limited to 40dB(A) as 1hour LAeq	High-noise activities are avoided in silent zones. No work scheduled at night in these areas. Noise barriers used as

				needed.
			In commercial zones it must be limited to 65dB(A) as 1hour LAeq - if nighttime work is permitted it must be limited to 55dB(A) as 1hourLAeq (if residential property is found in the commercial zone then the above limits apply for works in the vicinity of houses)	Monitored to ensure zone-specific compliance. If residential properties are found nearby, residential limits are followed.
			On the boundary of the substation construction noise will be limited to 1-hour LAeq 70 dB(A).	Being complied. Periodic noise measurements are taken and logged.
			If these noise levels are exceeded, or background levels >3dBA where already exceeded at the nearest monitored substation, the contractor will be required to implement additional noise mitigation measures such as adjusting his working methods or placing of temporary noise barriers to ensure the noise standard is met.	Being complied. Temporary noise barriers and method adjustments made if needed.
			No piling or blasting is to be undertaken for construction unless a piling/blasting management plan has been agreed. Any rock removal will be undertaken using pneumatic hammer (handheld or excavator mounted).	Being complied. No piling/blasting has been carried out to date.
			Use low noise generating equipment e.g., less than 55dBA sound pressure level at 1m.	Being complied. Equipment selected and used per noise rating requirements.
			The use of horns in areas where sensitive receptors are located (houses, schools, clinics, temples, etc.) will be prohibited.	Being Complied, and there is no presence of such sensitive receptors at construction

				sites.
			Residents within 500m of substations and ROW of OHL and within 50m of the ROW of UG cables will be forewarned of planned activities that are considered by the Project to be noisy (e.g., trench excavation / drilling).	Being complied. Advance notice is given through posters and verbal communication.
			If complaints are received from the local population regarding elevated noise levels, temporary noise screens shall be installed around the work site, shielding the identified receptors from the source of noise.	Being complied. No complaints received so far. Provision for noise screens is ready.
			Construction workers exposure to noise should not exceed the levels set out in the General EHS Guidelines on Occupational Health and Safety otherwise the hearing protection is to be provided e.g., 85 dB(A) during continuation of 8 working hours without wearing PPE	Being complied. PPE such as earplugs and earmuffs are provided and mandated.
		Vibration	Where rock is encountered, the excavations for tower footings shall preferably be drilled, but where blasting is to be resorted to as an economy measure, it shall be done with the utmost care to minimize the use of concrete for filling the blasted area.	Being complied. Drilling method used where required. No blasting conducted.
			No piling or blasting is to be undertaken for construction unless a piling/blasting management plan has been agreed.	Being complied. No piling/blasting has taken place. Compliance ensured if required in future.
10	Physical Cultural Heritage	Chance Finds	Implement the Chance find procedure, if required	Not Applicable
11	Utilities and Infrastructu	Outages, damage to	Contractor is responsible for ensuring H&S of everyone on construction site	Being Complied,

	re	utilities and private property	including visitors and sub-contractor workers regardless they have been formally or informally employed.	proper safety equipment provided to the visitors and workers and safety rules are strictly follows.
			All unanticipated damage to existing public utilities shall be restored immediately to pre-project condition and/or compensated at the cost of the contractor.	Being complied. No such incidents reported; provisions are in place.
			If existing structures (e.g., buildings) and roads, tracks, crops, or, canals, or drains are damaged by works, the Contractor will be required to rehabilitate them to at least their condition prior to construction works to the satisfaction of the property owner having reference to pre-condition surveys.	Damage is documented and restored as per pre-condition surveys.
			Through a request via a Project high-level committee which will be established to coordinate the Project, Uttarakhand Public Works Department (PWD) must appoint a dedicated contractor for the PTCUL and UPCL resurfacing work in Dehradun to ensure timely reinstatement.	Being complied through project coordination mechanism.
			The high-level committee must also be requested to cooperate with PTCUL and UPCL to enable them to meet their environmental safeguard obligations including prompt reinstatement of damaged utilities etc.	Being complied through coordination with committee
			High-level committee coordination and agreements on the timely reinstatement of roads with the Public Works Department are required to ensure there is no more than a 15-day period after construction works are completed to complete final rehabilitation. PWD must also ensure that all public spaces are restored to their original condition within 15 days of works completion	Coordination in progress to meet the 15-day post-construction reinstatement deadline.
12	Occupational Health and Safety	General	For all construction works comply with Government of India rules and regulations for the protection of workers	Being complied. The relevant photographs are enclosed

			Strictly implement all the measures outlined in Appendix L and all the measures outlined below.	Being Complied
			Emergency contact number and details for medical, fire, etc. are to be displayed in all construction sites	Being Complied, Details of Emergency No, medical, and fire are displayed at site.
		Fatalities	In the event of any fatality occurring during the construction phase at any Project work site, provide UPCL with the details of the fatality within one day of the event occurring in a Fatality Report (for onward reporting to ADB within 48 hours).	No fatalities have occurred during the construction phase to date. Should any incident occur, a Fatality Report will be submitted to UPCL within one day, in compliance with the reporting obligations to ADB.
		Work sites	Contractor is responsible for ensuring H&S of everyone on construction site including visitors and sub-contractor workers regardless they have been formally or informally employed.	Being implemented. All personnel including subcontractors and visitors follow site H&S protocols.
			Ensure adequate health and safety supervision is always on site (if staff temporarily off sick or on short term leave of less than a fortnight contractor to provide a named alternate in advance; if safeguard staff are on longer term leave, are posted elsewhere, or resign, contractor to ensure replacement CV is submitted to UPCL in seven days of the contractor becoming aware with the staff joining the site within one month).	Being implemented. Alternate safety officers are nominated in advance and replacements provided as per requirement.

		Construction plant and equipment used will be modern and fitted with appropriate safety devices.	Being implemented. Only certified and safety-equipped equipment is used at site.
		Temporary safety fences shall be erected around each work site.	Being implemented. Safety fencing is installed at all active work fronts.
		Require workers to confirm they have seen and understood the requirements of the OHS plan before proceeding with the work.	Being Complied
		Warning signs will be displayed around work sites to warn workers and members of the local community of potential risks in Hindi and other languages of the workers found on site.	Implemented. Bilingual warning signage is placed at visible points.
		MSDS are to be readily available to any exposed workers and the first-aid personnel.	Implemented. MSDS sheets are kept at hazardous material storage and work areas.
		All crews shall have a competent person responsible for first aid.	Being Complied
		Only allow suitably trained and qualified workers to be allowed to work on electrical equipment and at height, these workers must have training record of attending suitable training course on electrical safety and working at height and have a recent medical checkup to confirm they are fit for work.	Being implemented. Training certificates and medical records are maintained and verified.
		Require other workers to observe the minimum approach distances for excavations, tools, vehicles, pruning, and	Being implemented. Safe distance

		other activities when working around power lines.	guidelines are communicated and enforced.
		Provide personal protective equipment (PPEs) for workers in accordance with national OHS regulations OHS with additional PPE provided as needed for COVID-19 risks.	PPEs are issued to all workers and used on site. COVID-19 protective gear was supplied during the pandemic.
		Handwashing facilities with clean running water supply and soap as well as hand sanitizers and closed bins for disposal of hygiene-related wastes to be provided on-site during works. Display posters to promote handwashing and respiratory hygiene etc.	Being implemented. Sanitation stations and hygiene posters are present at site.
		Sanitation and welfare facilities (with separate facilities provided for men and women) used by construction workers to be regularly cleaned and disinfected by the contractor.	Being implemented. Facilities are maintained and regularly cleaned
		Enforce disciplinary system (e.g., immediate removal from site) for non-compliance with PPE requirements.	Being implemented. Non-compliance results in disciplinary action
		Ensure proper grounding and deactivation of live power lines during construction/decommissioning work or before any work near the lines and this will be checked and certified by Health and Safety Officer in advance.	Being implemented. All such work is permitted only after certification from HSO.
		Require workers to observe IFC EHS Guideline on T&D requirements for working at height.	Being implemented. IFC guidelines are included in toolbox talks.
		Require workers to test the structural integrity of towers prior to proceeding with the work.	Being implemented. Structural

				checks are performed and documented.
			Use fall protection measures when working on poles, i.e., mobile elevated working platform, all workers are required to wear body harness.	Being implemented. Fall protection is mandatory for height work.
			During construction works ensure qualified first aider and trained fire marshal is always available on-site with an appropriately equipped first aid kit and appropriate fire extinguisher and other firefighting equipment immediately available for use.	Implemented. Qualified personnel and emergency kits are stationed at each site.
			Every crew shall have a first aid box at the worksite. First-Aid Box are compliant to Schedule-III of the BOCW Rules 1998.	Implemented. All crews carry compliant first aid kits.
			Arrange with nearest Health Center and/or Hospital for emergency cares of workers.	Implemented. Emergency linkage with local hospital is established.
			Provide workers with access to an existing functional toilet facility (toilets and hand washing area) or provide a self-contained portable toilet with hand washing facilities (open defecation and use of pit latrines to be prohibited) generated wastewater to be disposed of to wastewater treatment plant.	Implemented. Portable toilets are provided at work fronts; waste is managed through approved vendors.
			Toilet facilities to be provided with adequate supplies of hot and cold running water, soap, and hand drying device.	Being implemented. Toilets are equipped with required supplies.
			Sufficient toilet facilities should be provided for the number of workers, and there should be an indication of whether the toilet facility is "in use" or "vacant" if not segregated.	Being complied, and toilet is construction for defecation and urination at site,

				open defecation is strictly prohibited.
		EMF	Measure exposure levels to electromagnetic fields (EMF) and provide workers working in zones where EMF levels are above reference levels with personal EMF monitoring device to be attached onto their PPE.	It shall be complied, if required, there is no exposure of High Zone EMF at sites.
		Food and drink	Provide workers with access to clean eating area with supply of drinking water.	Implemented. Clean shaded eating area is provided.
			Adequate supplies of potable drinking water meeting national standards should be provided to workers.	Implemented. Drinking water is tested and made available.
		COVID-19	Ensure employees can take time off sick without being penalized, including any self-isolation for COVID-19 that is required.	Complied. Sick leave is allowed without penalty.
			Medical insurance to be provided for all workers with sick leave allowance to ensure symptomatic workers do not attend site due to no work-no pay policies.	Being Complied
		Forced and Child Labour	During construction, due diligence will be applied to selection of security providers, rules of engagement will be devised, and training provided to all personnel. Performance will be monitored and audited periodically.	Being Complied
		Labour and Accommodation Camps	No forced or child labor to be employed in construction with the minimum age for employment on construction site to be 18 given hazardous nature of works involved.	Complied. Minimum age verified for all workers.
			Verifiable proof of age documentation is maintained for every worker.	Complied. ID records maintained for all workers.
			Workers operate within the legal working hours and additional work hours are adequately compensated.	Being implemented. Work hours and overtime logged and compensated.

			All overtime hours are voluntary; coercion, threats or penalties not used to pressure the workers into overtime.	Being implemented. Overtime is voluntary.
			Wages being paid to workers confirms to the minimum wage rated specified under applicable laws.	Being implemented. Wage records available for verification.
			All wages including overtime are paid within legally defined time limits.	Complied. Wages are paid on schedule.
			Pay statements shows earned wages, regular and overtime pay, bonuses and all relevant deductions	Being Complied
			No unreasonable restraints on the workers freedom of movement.	Complied. Free movement ensured outside work hours.
			Terms of employment outlined at the time of recruitment do not differ from the terms offered during the course of employment.	Being Complied
13	Community Health and Safety	Grievances	Implement the Grievance Procedure to provide opportunity for residents to raise concerns, including those on sexual harassment.	It shall be complied, but there is no grievances recorded.
		Hazardous Work Sites	Robustly fence and sign immediate working area including stores/stockpiles with security presence to prevent public access during construction works.	Being Complied
			Do not allow children to play in or adjacent to the construction site	Children are not permitted on or near construction sites.
			Do not leave hazardous conditions (e.g., unlit open excavations without means of escape) overnight unless no access by public can be ensured.	Being Complied
			Prevent standing water as it may become a breeding habitat for mosquitoes etc.	Being Complied

			All Project infrastructure will be labeled / signposted in accordance with national regulations to inform the public of the specific safety risks of each item.	Project infrastructure is labeled and signposted as per national regulations to inform the public about potential hazards.
			All work sites will be appropriately signposted and isolated (through fencing or bunting) to prevent encroachment into these areas. Where there are open excavations then solid fencing barrier must be used.	All work areas are barricaded and signposted to prevent encroachment; solid fencing is used at open excavations.
		Guard Structures	For stringing scaffolds and safety nets will be used to protect pedestrians and vehicles (and the conductor itself) from potential injury/damage - this will be used wherever stringing crosses over roads and securing a road closure is not possible, presenting a possible risk to traffic, waterbodies, or is in settlement presenting a possible risk to local communities where access cannot be completely prevented, especially in the vicinity of schools. Guard structures may not be required for small roads. In such cases other safety measures such as barriers, flagmen, or other traffic control will be used.	Scaffolds, nets, and other protective measures are used where stringing crosses roads or near communities, schools, and waterbodies. Alternative measures like barriers or flagmen are deployed where guard structures are not feasible on small roads.
		Outages	Provide 72 hours advance notice of any works (not including emergency works) to the local community.	Being Complied
		Record Keeping	Keep a specific record of any community accidents that occur during the construction phase. Report the numbers to PTCUL monthly.	Community accident logs are maintained. Reports are compiled monthly. Progress report and submitted

				to PTCUL as required.
		Conflict with Security Personnel	The Project will implement the 'Voluntary Principles on Security and Human Rights'	The Voluntary Principles on Security and Human Rights are being followed. Security personnel have been vetted and trained; performance is periodically audited.
			During construction, due diligence will be applied to selection of security providers, rules of engagement will be devised, and training provided to all personnel. Performance will be monitored and audited periodically.	Being Complied
14	Traffic Management	Traffic and Pedestrian Safety	Implement agreed traffic management plan. Safe access to property and roads should be maintained and alternative routes and access provided where there are temporary diversions or blockages. Diversion works to be immediately dismantled on completion of works and the footpath and roads restored to their original condition.	Traffic Management Plan is implemented. Access to properties is maintained. Detours and access routes are established for blocked areas and dismantled after work completion.
			Transport equipment only during non-rush hours i.e., avoid the hours of 9am to 11 am and 4pm to 6 pm to minimize traffic congestion.	Heavy equipment and material transport are scheduled outside rush hours

			In dense urban areas or on busy roads installation works affecting footpaths and roads to avoid rush hours i.e., avoid the hours of 9am to 11 am and 4pm to 6 pm.	In urban or congested areas, footpath and road works are scheduled outside peak hours to avoid disruptions.
			Stockpiling of spoil and any new equipment (conductor reels, etc.) shall be away from properties and only in designated areas where no access or road use will be blocked.	Spoil and equipment are stockpiled in approved areas away from roads and public access points.
			Allow for adequate traffic flow around construction areas via diversions or temporary access road	Being Complied
			Provide adequate traffic signs, appropriate lighting, well- designed traffic safety signs, barriers, and flag persons for traffic control.	Adequate signage, lights, barriers, and trained flag persons are deployed for safe vehicle and pedestrian navigation.
			Ensure that safe access ways to public and private amenities (including schools) are maintained, safe alternative routes provided and clearly signed where there are temporary diversions or blockages.	Being Complied
			Safety guides should be provided where works are on footpaths or in locations of pedestrian crossings to help guide pedestrians, especially vulnerable persons, safely around the working area.	Safety guides are present at crossings and pedestrian routes to assist the public, especially vulnerable individuals.

			Traffic management will need to be done in consultation with the affected communities to ensure they are aware of likely disruption.	Community consultations are held in advance of works that might cause disruption.
			Implement traffic management controls during construction works with advance warning signs or flag persons to ensure health and safety of construction workers and road users.	Warning signs and flag persons are used to manage traffic around construction zones for worker and public safety.
			Construction traffic warning signs will be positioned at road crossings and other appropriate locations as determined by the Project, for example, along access routes before they are used by construction traffic.	Construction traffic signage is placed at strategic road crossings and access roads before use.
			Road safety and warning signs must be posted at 500m, 100m, and immediately in advance of the works at least two days prior to the works commencing to inform the public of the temporary blockage of one lane of the road.	Road safety signs are placed 500m, 100m, and just before the work site, two days prior to commencement.
			For congested and narrow roads flagmen should be utilized to warn road users of the situation. • For stringing scaffolds and safety nets will be used to protect pedestrians and vehicles (and the conductor itself) from potential injury/damage - this will be used wherever stringing crosses over roads and securing a road closure is not possible, presenting a possible risk to traffic, waterbodies, or is in settlement presenting a possible risk to local communities where access cannot be completely prevented, especially in the vicinity of schools.	Flagmen are deployed on congested roads.

			Where the execution of the works requires single-lane operation on/beside public road the contractor will provide and maintain all necessary barriers, warning signs and traffic control signals to the satisfaction of the local authority. Wherever traffic diversions, warning signs, traffic control signals, barriers and the like are required, the PISC prior to commencing the work, in that area.	Being Complied
			Upon completion of the works for which the temporary traffic arrangements or diversions have been made, the contractor shall remove all temporary installations and signs and reinstate all affected roads/sections and other structures or installations to the conditions that existed before the work started, as directed by the PISC.	After work completion, all temporary installations are removed, and affected roads and structures are restored to original condition.
			No more than a 15-day period after construction works are completed to complete final rehabilitation	All public spaces are restored to their original condition within the stipulated 15-day period.
			All public spaces are restored to their original condition within 15 days of works completion.	
15	Training	Pollution Prevention	Conduct bi-monthly training of workers on pollution prevent control including good housekeeping and how to clean up oil/fuel spills and dispose of contaminated sorbent material which would be treated as a hazardous waste	Being Complied. Workers instructed not to scatter waste or burn it on site; awareness reinforced regularly.
		OHS	Conduct weekly training on occupational health and safety for all construction workers including refreshers. To include training for subcontractors before commencement of works	Weekly OHS sessions conducted at each site; subcontractors trained before mobilization
		Emergency Response	Conduct monthly training of workers on emergency preparedness and response procedures in case of an occupational or	Awareness sessions conducted for

			community health and safety incident during construction works. To include training for subcontractors before commencement of works	emergency scenarios at site (e.g., fire, injuries)
		Driver Training	Driver training, monthly, to include advice on behaviors to reduce the potential for disturbance, including use of horn, loud radios with windows open, switching engines off when not in use, strictly observing speed limits and not accelerating or braking aggressively.	Training provided on defensive driving, safety, and environmental behavior.
16	GRM	GRM Communication and Implementation	Disseminate GRM contact details and arrangements to the community through the distribution of pamphlets, prominently posted notices at work sites, community centers etc.	GRM committee formed; dissemination to be completed across all sites
			Ensure that throughout construction highly visible signage providing their and GRM Focal names and contact details are prominently displayed at all construction sites, storage areas, temporary worker camps, subproject site offices, road crossing points etc.	GRM committee constituted; signage installation underway
			Encourage affected persons to make use of the GRM yet clarify that this does not prevent them from pursuing legal action, if they feel that it is needed	GRM process explained, no grievances received so far
			Keep a record of all grievances received and their resolution and to report on them.	No grievances received to date; logbook maintained for future records, enclosed.

7.0 Environmental Monitoring Plan

Environmental monitoring is being implemented at all constructions sites under each package/lots in accordance with the Environmental Monitoring Plan (EMoP) outlined in the Initial Environmental Examination (IEE). The monitoring framework ensures that all required mitigation measures and environmental safeguards are effectively implemented during the pre-construction and construction phases of the project.

Monitoring activities are being carried out by contractors through third-party laboratories accredited by NABL/MoEFCC, with oversight by PTCUL. Parameters monitored include air and noise quality, surface and groundwater quality, soil contamination, electromagnetic fields (EMF), and drinking water potability. In addition to laboratory-based testing, on-site air monitoring systems have been installed to continuously track key air quality indicators.

Regular compliance monitoring is also being conducted by the PMC and PTCUL to verify the implementation of EMP measures. All results are documented and compared against applicable environmental standards and site-specific management plans. Any non-compliances are recorded, and corrective actions are incorporated into ongoing site management.

The monitoring program, detailed in following tables ensures alignment with national regulatory requirements, contract conditions, and ADB safeguard policies, while also serving as a feedback mechanism to improve EMP implementation at each site.

Environment Monitoring at Sub Station Sites during Pre and Construction Phase of the Project						
S. No	Particulars	Parameters	Frequency	No of Samples/Site	Total No. of Samples/SS	Responsibility
1	Air Quality	PM10, PM2.5, to be measured as 24 hrs. average over a fortnight along with meteorological data-temperature, humidity, wind speed, and wind direction.	Once during pre-construction as baseline after that half yearly till construction period of 2 years	2 samples (one sample at SS construction site & one at down wind direction)	10	Contractor through NABL/MOEFCC accredited Lab
2	Noise	LAeq 1hr day and night for representative 48hr period (ideally 24hr weekday + 24hr weekend and avoid holidays, festivities, strong wind, rain etc.)	Once during pre-construction as baseline after that half yearly till construction period	2 samples (one sample at SS construction site & one at down wind direction)	10	Contractor through NABL/MOEFCC accredited Lab
3	Surface Water Quality (Nearby surface waterbodies)	pH, EC, turbidity, color, TSS, DO, BOD ₅ , COD, oil and grease, Total nitrogen, Total phosphorus Total coliform and fecal coliform bacteria	Once during pre-construction as baseline after that half yearly till construction period	1 sample	5	Contractor through NABL/MOEFCC accredited Lab
4	Groundwater Quality	IS 10500: 2012 (32 Parameters)	Once during pre-construction as baseline after that half yearly till construction period	1 sample	5	Contractor through NABL/MOEFCC accredited Lab
5	Drinking Water Source for potability	IS 10500: 2012 (32 Parameters)	Once during pre-construction as baseline after that half yearly till	1 sample	5	Contractor through NABL/MOEFCC accredited Lab

			construction period			
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6	Soil Quality	pH, TPH, heavy metals, PAHs, and any other contaminants indicated by contaminated land professional	Once during pre-construction as baseline after that half yearly till construction period	2 sample	10	Contractor through NABL/MOEFCC accredited Lab
7	EMF		once after construction	2 locations	2	Contractor through NABL/MOEFCC accredited Lab

General Environment Monitoring Plan (EMoP)

Project Activity or Environment Impacts/ Risks	Monitoring Parameters	Method of Monitoring including Standards/ Guidelines	Frequency and Timing	Location	Performance Indicator	Implementation	Supervision (PTCUL PIU)	Compliance Status
Pre- Construction								
Statutory Clearances	Licenses / Permits and Insurances	Review of all applicable licenses, permits and insurances before the start of construction	One time prior to the start of construction	N/A	All relevant permits, licenses	EPC contractor to undertake monitoring	Review EMR	Compl ied Labou r licens es, insura nces, and permit s obtain ed and enclos ed in Annex ure 1 and Annex ure 2 For all the 5 sites
Staffing	Contractors environment	Review of staff	Prior to the start of	N/A	All staff outlined in the	EPC contracto	Review contract	Compl ied

	al, social, health and safety staff	contracts and timesheets	construction then periodically throughout construction		IEE are in place at the start of construction and are on site for the allotted periods specified in the EMP	r to undertake monitoring	s and timesheets and document compliance in EMR	
Training Inductions	Training records	Review of all induction training including	One time prior to the start of construction. Then periodically through construction to ensure new staff have received induction training.	N/A	All staff on-site have received	EPC contractor to undertake monitoring and report to PTCUL in monthly and quarterly progress reports.	Review all training records	Compl
Community Awareness	Pre-construction awareness documents	Review	One time prior to the start of construction	N/A	Awareness documents completed and distributed	EPC contractor to undertake monitoring reports.	Review awareness documents	Compl
Camps	EBRD / IFC guidance	Audit	Prior to the start of construction then periodically throughout construction	All	Camps and accommodation are compliant with EBRD / IFC guidance on worker accommodation	EPC contractor to undertake monitoring quarterly progress reports.	Review of audit and document compliance in EMR	
OHS	OHS	Review	One time prior to the start of construction	N/A	Documents completed	EPC contractor to undertake	Review assessment and report	Compl

						monitoring	ng system and document compliance	
Drinking	ISO 10500 drinking water parameters (full suite) & National Drinking water standards	Water sample is to be taken in a clean, non-contaminated	One	Sources of drinking water construction/operation of project for which supplier is unable to provide copies of drinking water tests confirm compliance.	ISO 10500 drinking water parameters	EPC contractor to undertake monitoring	Check monitoring being undertaken and document compliance in EMR	Compl
Construction								
Health and Safety - incidents	Records of health and	Keep records of near miss, minor, lost time, and fatal health and safety incidents related to the project, compile records from construction sites Carry out interviews with workers and the community to identify if any unrecorded incidents occurred. During the COVID-19 pandemic, temperature checks to be	Monthly	Construction sites, including temporary construction facilities	Zero lost time incidents or fatalities (among workers and community) For 100% lost time incidents or fatalities /confirmed COVID-19 cases immediate action taken to avoid repeat or escalation of situation All incidents including minor and near miss	EPC contractor to undertake monitoring	Check monitoring being undertaken and document compliance in EMR	Compl

		carried out at entrance of the work site at start of shift			dealt with in accordance with EMP with lessons learnt for future 100% lost time and fatalities/confirmed COVID-19 cases reported to PTCUL within 24 hours and ADB within 48 hours			
Drinking	ISO 10500 drinking water parameters (full suite)	Water sample is to be taken in a clean, non-contaminated	Monthly	Sources of drinking water construction of project for which supplier is unable to provide copies of drinking water tests to confirm compliance.	ISO 10500 drinking water parameters	EPC contractor to undertake monitoring	Check monitoring being undertaken and document compliance in EMR	Complied
Water resources	Water	Keep records of all water used and source.	Ongoing	Construction sites, including temporary construction facilities	No	EPC contractor to undertake monitoring	Check monitoring being undertaken and document compliance in EMR	Complied
Soil (earthworks)	Volume of soil disturbed during construction	Keep records of earthworks involved, including total volume in m ³ of soil excavated and	Monthly	Construction sites involving earthworks/cut and fill activities	Earthworks documented, and all excavated and cut and fill volumes accounted	EPC contractor to undertake monitoring monthly	Check monitoring being undertaken and document compliance in	Complied

		reused (any disposed of as spoil off site to licensed waste disposal facilities recorded as per waste generation					EMR	
Hazardous materials-incidents	Pollution incidents	Records of pollution incidents (e.g., type of material spilled, amount in kg or m ³ , and action taken to clean up) Carry out visual inspection and interviews with workers and the community to identify if any unrecorded incidents occurred	Monthly	Construction sites, including temporary construction facilities	Zero major incidents occurred. Minor incidents responded to in accordance with EMP with lessons learnt for future.	EPC contractor to undertake monitoring	Check monitoring being undertaken and document compliance in EMR	Complied
Natural Resource Use (Construction Materials) and Waste Generation	Volume	Keep records of all types of materials used and wastes produced by type, volume/weight. Document waste disposal through transfer notes including	Monthly	Construction sites, including temporary construction facilities	Transfer of 100% of construction wastes documented, and all wastes disposed of in an environmentally safe and sound manner accordance with IFC	EPC contractor to undertake monitoring	Check monitoring being undertaken and document compliance in EMR	Complied

		type, volume/ weight, transport provider, intermediaries if any and final treatment or disposal facility (with its license and capacity)			General EHS Guidelines			
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8.0 Construction Specific Environmental Management Plan

Construction-Specific Environmental Management Plans (CSEMP) have been prepared for all five substation projects under Lot 1 and Lot 2 of the PTCUL subproject, which forms part of the ADB-financed Uttarakhand Climate Resilient Power System Development Project. The CSEMP complies with the environmental safeguards outlined in the Contractor's contract conditions and the Initial Environmental Examination (IEE). It forms an integral part of the Contractor's commitment to environmentally sound construction practices and outlines the site-specific mitigation and monitoring measures to be implemented during the pre-construction and construction phases.

The CSEMP aims to ensure that the contractor and its workforce clearly understand and fulfil their environmental responsibilities during project implementation. It identifies key environmental and social risks at each site and provides context-specific strategies to effectively mitigate these impacts in line with safeguard requirements and contractual obligations. Developed as a practical, site-level tool, the CSEMP translates the broader findings of the IEE into actionable measures. It incorporates inputs received during stakeholder consultations and reflects guidance from relevant government agencies and project beneficiaries to ensure that strategies are technically sound and locally appropriate.

The CSEMP is aligned with the Environmental Management Plan (EMP) included in the IEE and integrates international best practices in engineering, environmental, health, and safety (EHS) management, as well as the contract conditions. It outlines key actions for impact mitigation during the construction phase and defines responsibilities for implementation, monitoring, and compliance.

To address EMP requirements and site-specific risks comprehensively, the following management sub-plans are included as part of the CSEMP:

1. Construction Method Statement
2. Pollution Prevention & Emergency Response Plan (including SF-6 Measures)
3. Occupational Health and Safety Plan & Emergency Response Plan
4. Community Health and Safety Plan
5. Biodiversity and Physical Cultural Resources Plan, including Chance Find Procedure
6. Waste Management Plan
7. Traffic Management Plan
8. Labour Management Plan
9. Communication Plan
10. Training Plan
11. Contaminated Land Management Plan (if necessary)

12. Asbestos Management Plan (if necessary)
13. Construction Camp/Labour Accommodation Plan

Status of CSEMP and Sub Plans for Lot 1 and Lot 2 Substation Subproject

S.No.	Plans	Availability status at sites				
		P1 (Lot1)	P1 (Lot2)	P1 (Lot2)	P1 (Lot2)	P1 (Lot2)
1	Construction Method Statement	Yes	Yes	Yes	Yes	Yes
2	Pollution Prevention & Emergency Response Plan (including SF-6 Measures)	Yes	Yes	Yes	Yes	Yes
3	Occupational Health and Safety Plan & Emergency Response Plan	Yes	Yes	Yes	Yes	Yes
4	Community Health and safety Plan	Yes	Yes	Yes	Yes	Yes
5	Biodiversity & PCR Including Chance Find Procedure	Yes	Yes	Yes	Yes	Yes
6	Waste Management Plan	Yes	Yes	Yes	Yes	Yes
7	Traffic Management Plan	Yes	Yes	Yes	Yes	Yes
8	Labour Management Plan	Yes	Yes	Yes	Yes	Yes
9	Communication Plan	Yes	Yes	Yes	Yes	Yes
10	Training Plan	Yes	Yes	Yes	Yes	Yes
11	Contaminated Land Management Plan (if necessary)	Yes	Yes	Yes	Yes	Yes
12	Asbestos Management Plan (if necessary)	Yes	Yes	Yes	Yes	Yes
13	Construction Camp/Labour accommodation Plan	Yes	Yes	Yes	Yes	Yes

9.0 Control of Records

The contractor will be responsible for maintaining and controlling all records related to environment, health, and safety. This includes monitoring data, compliance checklists, training records, and site-specific environmental documentation. Based on the IEE/EMP of the project and the contract conditions, a total of 38 records were initially identified. These records shall be kept on-site by the EPC Contractors ESO and available for inspection at any time. A list of such records is provided below in Table

S.No.	As Suggested In IEE Report	Remarks
1.	Definitive IEE and EMP (as disclosed on the ADB website)	Records are Being maintained
2.	Contractor's CSEMP and sub-plans and copies of approval records	
3.	Property surveys	
4.	Pre-construction biodiversity surveys	Records are Being maintained
5.	Legal register (of applicable national and state legislation)	

6.	Document review and approval records	
7.	Staff contracts and timesheets	
8.	Work program and schedule	
9.	Tree inventory	
10.	Tree felling permits	
11.	Copies of correspondence related to environmental issues	
12.	Environmental permits and licenses	
13.	List of equipment	
14.	Equipment control and maintenance log	
15.	Vehicle emission test certificates etc.	
16.	Contractor's certifications and insurances	
17.	Completed site checklists and photographic records	
18.	Community liaison plan, community awareness documentation and records of all consultations undertaken	
19.	GRM register	
20.	Training plan and training records (including inductions)	
21.	OHS Risk Assessment	
22.	Corrective and preventive action request records	
23.	Records of emergency preparedness and response drills	
24.	Contractor's and operational accident record and incident reports	
25.	Corrective action instructions	
26.	List of mitigation measures	
27.	Records of maintenance and cleaning schedules for sediment and oil/grease traps	
28.	Route/program of construction material transportation	
29.	Log of material inventories and consumption	
30.	Records of quantity of discharged wastewater and concentration of pollutants	
31.	Records of sewage disposal (if relevant)	
32.	Waste disposal records	
33.	Written designation of waste disposal sites and instructions for waste transportation from local authorities	
34.	Chance find records (if any)	
35.	Campsite / Accommodation Audits	
36.	Water Quality sampling results	
37.	Air Quality and Noise test results	
38.	EMF measurement results	

10. Environmental Supervision and Monitoring Results

10.1 Environmental Supervision

Environmental supervision and monitoring activities are being undertaken in accordance with the requirements outlined in the Initial Environmental Examination (IEE) and Environmental Management Plan (EMP). Contractor-Specific Environmental Management Plans (CSEMPs) have been prepared and are under implementation at all five substation sites under Lot 1 and Lot 2.

From January to June 2025, the PTCUL teams have conducted periodic site visits to monitor EMP compliance and provide guidance. During these visits, instructions were issued to address identified EMP implementation gaps. To ensure effective on-ground execution of EMP and occupational health and safety provisions, each contractor has appointed an Environmental and Social Officer (ESO) and a Health and Safety Specialist (HSS) at their respective sites. The Environmental and Social Officers (ESO) and Health and Safety Specialists (HSS) have already been appointed or assigned responsibilities at all active construction sites. These personnel are actively conducting health and safety training, including sessions on emergency preparedness and regular mock drills. Toolbox Talks (TBT) are being conducted on a routine basis to raise awareness among site workers about key environmental, health, and safety issues. All training activities, drills, and TBT sessions are being properly recorded and maintained by the contractor as part of ongoing compliance with the CSEMP and EMP requirements.

10.2 Quantitative Environmental Monitoring

Environmental monitoring activities are being carried out in accordance with the Environmental Monitoring Plan (EMoP), using services from a NABL-accredited laboratory. As part of compliance, periodic monitoring of ambient air quality, water quality (ground and surface), and noise levels is being conducted. The monitored parameters include PM10, PM2.5, SO₂, NO₂ for air, a wide range of physico-chemical and heavy metal parameters for ground and surface water; and day/night levels for noise. A summary of analytical parameters and compliance status is enclosed in Annexure-. As the awarded projects are currently in the construction stage, monitoring results have been reviewed and documented to ensure adherence to environmental guidelines.

In addition to lab-based sampling, the contractor has deployed on-site continuous monitoring systems to track PM10, PM2.5, ambient noise, and weather-related parameters such as temperature, humidity, and wind speed. These continuous monitoring systems support real-time assessment of environmental conditions at the project sites. The monitoring data helps ensure timely corrective actions where needed and supports transparency in compliance reporting. Results of continuous environmental monitoring for the month of June 2025 are provided in following paragraphs:

Results of Continuous Environmental Monitoring at Substation Site:

In addition to third party NABL lab monitoring to fulfil EMP requirements Environmental data were collected at five project sites Araghar, Dhaulakhera, Khatima, Lohaghat, and Selaqui using on-site continuous monitoring equipment. The monitoring focused on three key environmental parameters: PM2.5, PM10, and Noise Levels, and the results have been interpreted against the Central Pollution Control Board (CPCB) ambient air and noise quality standards.

1. Araghar substation Site

Environmental monitoring data for the Araghar substation construction site for the month of June was collected using continuous on-site monitoring equipment and compared with the CPCB ambient air and noise quality standards. The recorded PM2.5 levels showed a maximum value of 66 µg/m³, with an average of 24.65 µg/m³, resulting in only 2.10% of the data exceeding the standard limit of 60 µg/m³. Similarly, PM10 concentrations peaked at 110 µg/m³, with an average value of 61.42 µg/m³, also showing a 2.10% exceedance rate over the 100 µg/m³ standard.

For noise monitoring, the maximum recorded level was 62 dB, with 5.26% of the daytime (6 AM-10 PM) readings exceeding the 55 dB CPCB standard for residential areas. However, no exceedances were observed during nighttime standard of 45 dB (10 PM-6 AM), indicating that construction activities are being effectively managed to minimize disturbances during sensitive hours. These findings suggest that overall environmental conditions at the Araghar substation site remain within permissible limits, with minor exceedances attributable to temporary factors such as vehicle movement or weather. Preventive measures like water sprinkling and scheduling of noisy work during day hours are being implemented to mitigate impacts.

2. Dhaulakhera Substation Site

At the Dhaulakhera substation construction site, environmental monitoring for June 2025 showed controlled and largely compliant conditions. The PM_{2.5} levels peaked at 66 µg/m³, with an average of 27.11 µg/m³, and recorded a 2.02% exceedance compared to the CPCB standard of 60 µg/m³. Similarly, PM₁₀ concentrations reached a maximum of 111 µg/m³, averaging 62.11 µg/m³, and exceeded the standard of 100 µg/m³ by 2.02%. The maximum noise level recorded was 63 dB, with a 3.38% exceedance during the daytime limit of 55 dB, while no exceedance occurred during night-time hours, which follow a CPCB threshold of 45 dB. These minor variations are within acceptable limits and likely due to intermittent vehicular movement and localized weather patterns. Mitigation such as dust suppression and restricted working hours are being enforced.

3. Khatima Substation Site

Monitoring at the Khatima site reflected slightly elevated air quality parameters due to ongoing construction activity. PM_{2.5} levels showed a maximum of 66 µg/m³, with an average of 28.90 µg/m³, resulting in 2.14% exceedance of the 60 µg/m³ standard. PM₁₀ reached a maximum of 115 µg/m³, averaging 67.82 µg/m³, with the same 2.14% exceedance rate above the 100 µg/m³ standard. Noise levels at this site peaked at 62 dB, and 3.73% of daytime readings crossed the CPCB limit of 55 dB. However, night-time noise readings remained fully compliant. These exceedances are minor and managed through measures such as water sprinkling and scheduling of heavy equipment operations during the day only.

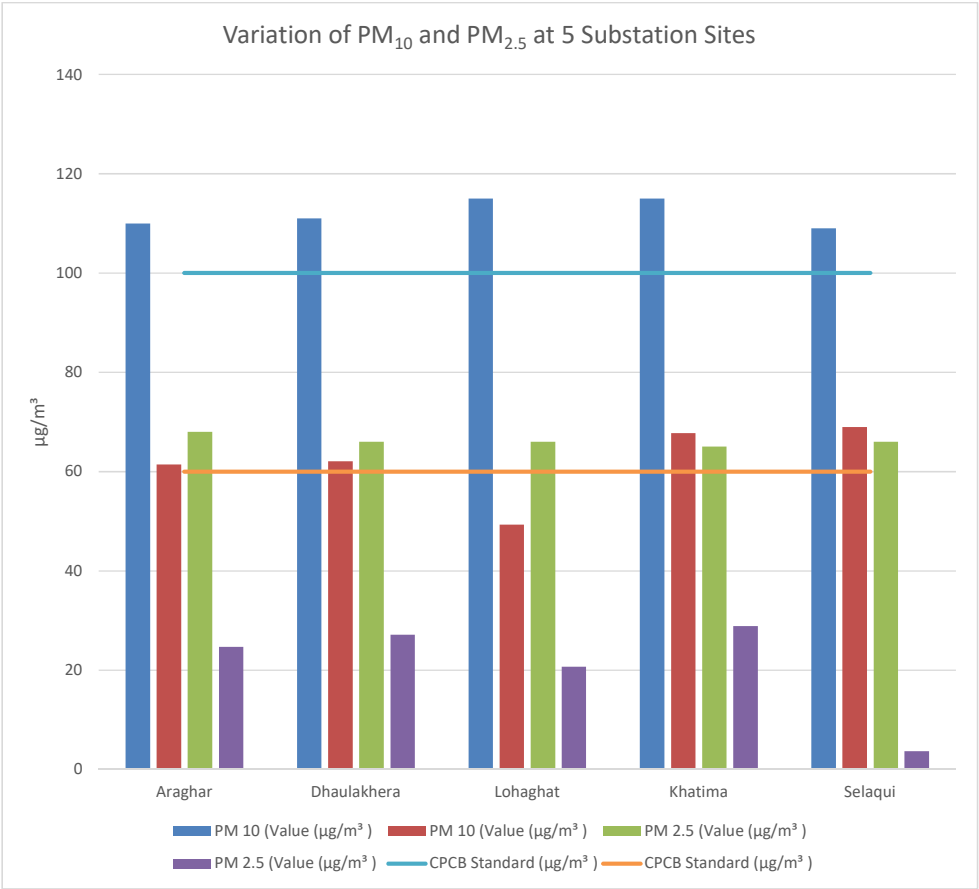
4. Lohaghat Substation Site

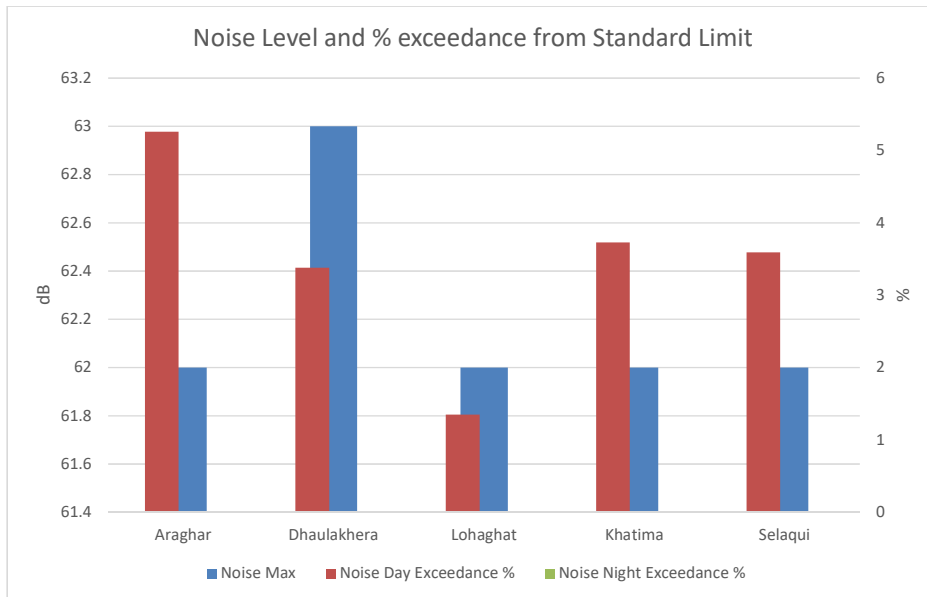
The Lohaghat substation site exhibited the best air quality among all monitored locations. PM_{2.5} levels were well within limits on average, with a peak of 66 µg/m³ and an average of 20.70 µg/m³, resulting in a 2.08% exceedance against the 60 µg/m³ CPCB standard. PM₁₀ values averaged 49.38 µg/m³, with a maximum of 115 µg/m³, including 2.1% exceedance over the 100 µg/m³ limit. Noise levels peaked at 62 dB, with only 1.35% daytime exceedance, while night-time levels remained within the permissible 45 dB standard. Overall, the site shows a low-impact footprint, with minor fluctuations likely caused by brief equipment operation or nearby traffic.

5. Selaqui Substation Site

At the Selaqui site, particulate matter readings were slightly higher compared to other locations. PM_{2.5} reached a maximum of 66 µg/m³, with an average of 30.68 µg/m³, and recorded a 2.11% exceedance of the 60 µg/m³ CPCB limit. PM₁₀ values showed a maximum of 109 µg/m³ and average of 69.09 µg/m³, with 2.11% of the data exceeding the 100 µg/m³ standard. Noise monitoring showed a maximum of 62 dB, with 3.59% exceedance during daytime hours, while night-time levels were fully compliant. The elevated readings are likely due to windy condition, civil works and occasional vehicular activity; however, dust and noise control measures such as routine sprinkling and work-hour regulation are actively in place.

Variation in particulate matter concentrations and noise levels is depicted in the figure 1.





Summary of Observations:

- PM2.5: After the requested modification, all sites show limited exceedance of PM2.5, consistently around 2% (ranging from 2.02% to 2.14%), while the average values remain well within the standard.
- PM10: Similarly, PM10 exceedance is also around 2% across all sites, while the average values remain well within the standard.
- Noise: Night-time noise levels at all sites show 0% exceedance against the 45 dB standard. However, day-time noise levels (6 AM to 10 PM) still exhibit minor exceedances, ranging from 1.35% to 5.26%, with maximum values reaching up to 63 dB. This suggests that while night-time noise is well-controlled, some day-time periods may still experience noise levels slightly above the permissible limits.

Occasionally exceedance value beyond the standards air quality (PM2.5, PM10) and noise data can be attributed to several factors:

- Outside Weather Conditions: Factors like wind speed and direction can disperse or concentrate pollutants. Stagnant air conditions can lead to accumulation, while strong winds might pick up and transport particulate matter.
- Vehicular Movement Nearby: Sites located near roads or industrial areas will naturally experience higher levels of vehicular emissions (PM2.5, PM10) and noise.
- Industrial Activities: Proximity to construction sites or factories can also contribute to both particulate matter and noise pollution.

Mitigation Measures taken at Site: various precautionary and mitigation measures are regularly implemented at the site to avoid increase of air pollutants and noise levels:

- Water Sprinkling: Regularly sprinkling water on unpaved roads and construction sites can significantly suppress dust (PM10, PM2.5) emissions.
- Regular Cleaning: Keeping roads and open areas clean reduces the re-suspension of dust.
- Enclosures for Noisy Equipment: Using acoustic enclosures or barriers around noisy machinery can help contain sound propagation.
- Timely Maintenance of Equipment: Ensuring that vehicles and machinery are well-maintained can reduce emissions and operational noise.
- Traffic Management: Implementing measures to manage traffic flow and reduce congestion around the site can help reduce vehicular pollution.

No public grievances received related to pollution and noise level exceedance.

10.3 Pollution Control Monitoring

All the projects awarded under different packages and lots are currently in the initial design and mobilization phase. Construction activities have already commenced under all packages. During this phase, monitoring of various construction-related activities is being carried out effectively in accordance with the Environmental Monitoring Plan (EMoP) of the project. Any instances of non-compliance or potential exceedances are being addressed through corrective actions with defined timelines and allocated budgets to ensure environmental safeguards are upheld.

Pollution control trainings, emergency drills, and routine inspections are being conducted at regular intervals during project execution, and all such activities are being documented in the required formats. In the event of the use of any materials or generation of solid waste, hazardous waste, or wastewater, proper handling, disposal, and reporting procedures are being followed as per the EMP. Compliance with environmental requirements is being ensured through continuous monitoring and active engagement of the contractor's environment and safety teams.

11. Occupational and Community Health and Safety Monitoring

All the projects awarded under different contract packages and lots are currently in the initial design and mobilization phase. Construction activities have commenced under all packages and work is progressing at the respective sites. During the construction phase, environmental monitoring activities are being effectively implemented in accordance with the Environmental Monitoring Plan (EMoP) of the project. Any non-compliance or exceedance observed will be addressed through timely corrective actions, with specific timelines and budgetary provisions to ensure adherence to environmental standards.

Pollution control measures, including regular trainings, emergency drills, and site inspections, are being conducted as part of the project's environmental management strategy. These activities are being documented and reported in the prescribed formats. If any materials are used that may generate solid or hazardous waste or wastewater during construction, appropriate handling, storage, and disposal procedures will be followed as per the EMP. Continuous oversight and proactive measures are being taken to ensure that environmental safeguards are fully integrated into project execution.

12. Grievance Redress

The GRC has been formed. The office order of PTCUL is enclosed herewith as Annexure-1 All the projects awarded under different packages and lots are in initial design phase. Construction activity has been started at Package 1 (Lot 1 & Lot 2), and there is no grievance record of construction site. if there are any grievances or complaint, regardless informal or minor or previously reported complaint with ongoing rectification, the same shall be reported with details corrective action taken in the desired format. Detailed grievance records and response reports (if any) is also maintained. No grievances have been received in the reporting period i.e. January 2025 to June 2025.

13. Public Consultation

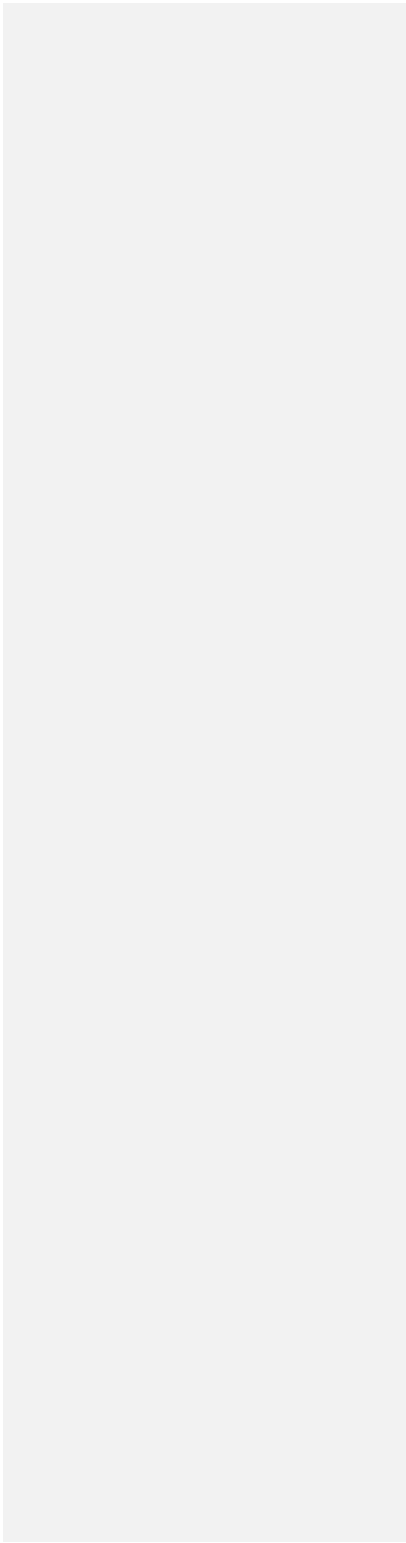
Public Consultations are conducted at all the sites in regular interval the public consultation forms and the photographs are enclosed.

14. Conclusions and Recommendations

In order to ensure multi-tier development within the projects, top priority has been given to the effective implementation of the EMP and CSEMP. Compliance with national environmental regulations and the environmental covenants under the ADB loan agreement has been emphasized throughout project planning and execution. The Environment Cell has been regularly monitoring the implementation of environmental safeguard measures undertaken by the contractor. A Grievance Redressal Committee has also been constituted with adequate representation from local communities residing near the project sites.

Construction activities have commenced under all Package and no significant negative environmental impacts have been observed at the construction sites to date. As the projects are confined to specific locations, the environmental impacts have remained limited and manageable. All mitigation measures during construction have been implemented in line with the ADB Environmental Safeguard Policy (2009) and other applicable guidelines. Environmental monitoring for ambient air, water quality, and noise levels has been initiated with the support of a NABL-accredited external laboratory, following the monitoring schedule outlined in the EMoP. In addition, the Environmental and Social Officers (ESOs) and Health and Safety Specialists (HSSs) appointed by the contractors are now being trained and provided with capacity building support through regular site visits and on-site instructions conducted by the PTCUL team.

15. Annexures



Annexure 1:- Project GRM



पावर ट्रांसमिशन कारपोरेशन ऑफ उत्तराखण्ड लि०
(उत्तराखण्ड सरकार का उपकरण)
प्रमुख निदेशक कार्यालय
विद्युत मंत्र, पनौती-काठगढ़/वीपीओ बॉयलिंग, बसमपुर रोड, पनौती, देहरादून-248002.
दूरभाष नं० 0135-264333 फ़ोन नं० 0135-264346 ईमेल:- mt.ptcl@powertrans.com

Letter no: MDP/PTCL/ _____ Date: _____

Office Memorandum

PTCL, being the implementation utility of the project titled as "Uttarakhand Climate Resilient Power System Development Project Loan no-4802" funded by Asian Development Bank has to comply with grievance redress mechanism (GRM) as mentioned in resettlement plan and Social Environment Examination.

As per clause no V(E) of RP plan, which state that "A 4-tier grievance redress mechanism shall be established to address concerns and grievances of affected persons and workers involved in this Project. Considering that the three (3) implementing agencies will implement different project sub-components and will likely receive complaints that may differ in nature and complexity, the Project will have GRM established separately at each implementing agency for their respective components. It will however, follow the same four tier structure with (i) Tier-1 at EPC Contractor/Division level, (ii) Tier-2 at PU level, (iii) Tier-3 at PMU level (supported by PISC) and (iv) Tier-4 at the Energy Department of the Government of Uttarakhand (the executing agency) at the highest level."

In compliance to above Division level Tier1(GRC-1) and PU (PTCL) level Tier2(GRC-2) committee comprising of following officers are hereby constituted:-

Package-I/Line-I	Tier 1 (GRC -1) Division level Committee members	Tier 2(GRC - 2) PU level Committee members
Line-I-220/33 KV GIS S/S Selangi and associated Line	1. Ex.Vikalp Gauran Superintending Engineer (PI) Dehradun	1. Ex.H.S. Hyaski Chief Engineer, (Project) ADB Headquarter
	2. Ex.Dheepak Kumar Executive Engineer (PI) Dehradun/Vikarnagar	2. Ex.Vikalp Gauran Superintending Engineer (PI) Dehradun
	3. Ex.Ukesh Singh Chaudhan Assistant Engineer (PI) Vikarnagar	3. Ex.Dheepak Kumar Executive Engineer (PI) Dehradun/Vikarnagar
	4. Project Manager affected by EPC contractor	4. Representative from land revenue agricultural & Horticultural Department (Nominated by District Administration)
	5. Safe Guard Specialist from PISC	5. Elected representative of such Panchayat/Nagar Nigam including women Members (If woman member is available & in case elected member is woman) -(To be constituted during project implementation)

[Signature]

Printed in triplicate copies:- Copy one, to be submitted to ADB, Group-16, New, Delhi - 110001
दस्तावेज नं० 0135-264333 फ़ोन नं० 0135-264346 ईमेल:- mt.ptcl@powertrans.com

Package-2/Lot -2	Tier 1 (GRC-1) Division level Committee members	Tier 2(GRC-2) PHU level Committee members
132/33 kV GIS S/s Araghar 132 kv GIS S/s Dhaulakboda 132/33 kv S/s Khatima-II 132/33 kV S/s Lohaghat & Associated Line	1. Er. L.M. Bhatt Superintending Engineer (PI) ADB Haldwani	1. Er. H.S. Hyaski Chief Engineer, (Project) ADB Haldwani
	2. Er. Deepak Kumar Executive Engineer(PI) Dehradun/Vikramgarh +Er. Sandeep Kaushik Executive Engineer (PI) Kashipur	2. Er.L.M. Bhatt Superintending Engineer (PI) ADB Haldwani
	3. Er.Tikam Singh Chaudhary Assistant Engineer(PI) Vikramgarh Er. Himanshu Vijay Singh Assistant Engineer (PI) Haldwani Er. Manoj Joshi Assistant Engineer Lohaghat	3. Er. Deepak Kumar Executive Engineer Dehradun/Vikramgarh (PI) Er. Sandeep Kaushik Executive Engineer (PI) Kashipur
	4. Project Manager authorized by EPC contractor	4. Representative from land revenue agricultural & Horticultural Department (Nominated by District Administration)
	5. Safe Guard Specialist from PISC	5. Elected representative of each Panchayat/Nagar Nigam including women members (If women member is available & in case elected member is woman) (To be consulted during project implementation)
Package-3	Tier 1 (GRC -1) Division level Committee members	Tier 2(GRC - 2) PHU level Committee members
220/132/33 kv AIS S/s Mangalore & Associated line	1. Er.A.K. Singh Superintending Engineer (PI) Roorkhee	1. Er.H.S. Hyaski Chief Engineer, (Project) ADB Haldwani
	2. Er.Rakesh Kumar Executive Engineer PI Mangalore	2. Er.A.K. Singh Superintending Engineer (PI) Roorkhee
	3. Er. Anil Pal Assistant Engineer (PI) Padartha	3. Er.Rakesh Kumar Executive Engineer (PI) Mangalore
	4. Project Manager authorized by EPC contractor	4. Representative from land revenue agricultural & Horticultural Department (Nominated by District Administration)

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	5. Safe Guard Specialist from PISC	5. Elected representative of each Panchayat/Nagar Nigam including women members (if woman member is available & in case elected member is woman ((To be consulted during project implementation))
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The above committee shall dispose all the grievances as per Grievance Redress Mechanism (GRM) mentioned in Initial Environment Examination (IEE) and Resettlement plan (RP) of PTCUL including compliance of other directions issued by ADB or other authorities concerned from time to time.

(P.C. Dhyani)
Managing Director &
Additional Project Director

Letter no. 2024/MD/PTCUL/mb(em)

Date 06/07/2024

Copy forwarded to following

1. Secretary energy /Project director, GOU Dehradun
2. District Magistrate -Dehradun/Nainital/Udhamsingh Nagar/Champawat
3. Mr. James Kolathanraj, Senior Energy Specialist, Asian development Bank, Sector Group, Phillipines
4. Director (HR/Finance/Operations) PTCUL Vidhyut Bhawan Dehradun
5. M/s Flowmore Ltd plot no 2068/69 karol Bhagh 38 New Delhi
6. Transglobal Power Limited, 1321/A, 15th cross, Girinagar, 2nd stage Bangalore
7. Official concerned.

(P.C. Dhyani)
Managing Director &
Additional Project Director



पावर ट्रांसमिशन कारपोरेशन ऑफ उत्तराखण्ड लि०

(उत्तराखण्ड सरकार का उपक्रम)

प्रबन्ध निदेशक कार्यालय

विद्युत भवन, नगरपालिका-आइडलवासीस्ट्रीट जवामिन, बहालपुर रोड, मानस, देहरादून-248002

दूरभाष नं० 0135-2642008 फैक्स नं० 0135&2643460 email:- m.d.ptcul@rediffmail.com

Letter no 1546 /MD/PTCUL/MS (G.M)

Date: 23/04/2025

Office Memorandum

PTCUL being the implementation utility of Uttarakhand Climate Resilient Power System Development Project under Loan no 4402 funded by Asian Development Bank has to comply with Grievance Redressal Mechanism (GRM) as mentioned in Resettlement Plan and Initial Environment Examination.

In compliance of clause no V of RP plan, which state that "A 4-tier grievance redress mechanism shall be established to address concerns and grievances of affected persons and workers involved in this Project. Considering that the three (3) implementing agencies will implement different project sub-components and will likely receive complaints that may differ in nature and complexity, the Project will have GRM established separately at each implementing agency for their respective components. It will however, follow the same four tier structure with (i) Tier-1 at EPC Contractor/Division level; (ii) Tier-2 at PIU level; (iii) Tier-3 at PMU level (supported by PSC); and (iv) Tier-4 at the Energy Department of the Government of Uttarakhand (the executing agency) at the highest level."

Tier-3 (PMU) level Grievance Redressal Committee (GRC-3) comprising of following officers/members are hereby constituted as follows:-

Sr. No	Name of Work	Tier 3(GRC-3) PMU level Committee members
1.	220/33 kV GIS S/s, Selapuri and associated lines.	1. ADB Project Director & Principal Secretary, Energy, Govt. 2. Managing Director, PTCUL 3. Smt. Amila Lohani, (A reputed Social Worker) Ramnagar, Nainital Former Vice President Uttarakhand State Commission for Women 4. Er. Karan Kant, Chief Engineer (Projects), Garhwal Zone as a Member Invited.

Rajendra

प्रबन्ध निदेशक कार्यालय- विद्युत भवन, नगरपालिका-आइडलवासीस्ट्रीट जवामिन, बहालपुर रोड, मानस, देहरादून- 248002
दूरभाष नं० 0135-2642008 फैक्स नं० 0135-2643460 वेबसाइट: www.ptcul.org

3.	220/132/33 kV AIS S/s Manglore & associated lines.	1. ADB Project Director & Principal Secretary, Energy, GoI
		2. Managing Director, PTCUL
		3. Smt. Amrita Lohani, (A reputed Social worker) Ramnagar, Nainital Former Vice President Uttarakhand state Commission for Women
		4. Er. Kamal Kant, Chief Engineer (Projects), Garhwal Zone as a Member Invitee.
3	132/33 kV GIS S/s Anaghar & associated Lines.	1. ADB Project Director & Principal Secretary, Energy, GoI
		2. Managing Director, PTCUL
		3. Smt. Amrita Lohani, (A reputed Social worker) Ramnagar, Nainital Former Vice President Uttarakhand state Commission for Women
		4. Er. Kamal Kant, Chief Engineer (Projects), Garhwal Zone as a Member Invitee.
4	132/33 kV GIS S/s Dharokhedha & associated Lines.	1. ADB Project Director & Principal Secretary, Energy, GoI
		2. Managing Director, PTCUL
		3. Smt. Amrita Lohani, (A reputed Social worker) Ramnagar, Nainital Former Vice President Uttarakhand state Commission for Women
		4. Er. H.S. Hyanki, Chief Engineer (Projects), Kumaon zone as a Member Invitee.
5	132/33 kV S/s Khatima-II & associated Lines.	1. ADB Project Director & Principal Secretary, Energy, GoI
		2. Managing Director, PTCUL
		3. Smt. Amrita Lohani, (A reputed Social worker) Ramnagar, Nainital Former Vice President Uttarakhand state Commission for Women
		4. Er. H.S. Hyanki, Chief Engineer (Projects), Kumaon Zone as a Member Invitee.

ପ୍ରାୟ ୧୫ କିଲୋ ଗ୍ରାମର ଏହି ଗୋରୁ, ଗର୍ଭାବସ୍ଥାରେ ଥିବା ବେଳେ ମୃତ୍ୟୁ ବରଣ ହୋଇଥିବା ଜଣାପଡ଼ିଛି। ଏହାକୁ ଗୋଷାଳୀଙ୍କୁ ଦେଖାଇବା ପରେ ସେହିଠାରେ ଥିବା ଡାକ୍ତରଙ୍କୁ ଡାକିବାକୁ କୁହାଯାଇଥିଲା। ଡାକ୍ତରଙ୍କୁ କୁହାଯାଇଥିବା ଗୋରୁଟିକୁ ଡାକ୍ତରଙ୍କୁ ଦେଖାଇବା ପରେ ସେହିଠାରେ ଥିବା ଡାକ୍ତରଙ୍କୁ ଡାକିବାକୁ କୁହାଯାଇଥିଲା। ଡାକ୍ତରଙ୍କୁ ଦେଖାଇବା ପରେ ସେହିଠାରେ ଥିବା ଡାକ୍ତରଙ୍କୁ ଡାକିବାକୁ କୁହାଯାଇଥିଲା।

Annexure 2 :- Labour License
Selaqui:- 2.1

Form VI
(New Rule 2018)


Government of Uttarakhand
OFFICE OF THE LICENSING OFFICER

LICENSE

License No:- **UCLALD/2007/20** License Date:- **22/04/2024** Fee Paid Rs:- **150.00**

License is hereby granted to **M/s. Fluorocore Limited IV With M/s. Sugat Jagtan II** under Section 12(1) of the Government Labour (Regulation and Abolition) Act, 1978, subject to the conditions specified in Agreement.

This license is for doing the work of **CONSTRUCTION OF 220KV HV DISCHARGE GDS- M/s. Selaqui Infrastructure** in the establishment of **POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD- at VIDYUT BHAWAN, NEAR DORT LUNSONG, NAJRA DEHRADUN.**

The license shall remain in force till 02/07/2025.

Signature and Seal of the Licensing Officer

RENEWAL
(New Rule 2018)

Date of Issuing/Renewal	Fee paid for renewal	Date of Expiry	Signature of Licensing Authority
22/04/2024		02/07/2025	

Employment of children under eighteen years is prohibited by the Law

Araghar 2.2



Form VI
(See Rule 25(3))

GOVERNMENT OF UTTARAKHAND
OFFICE OF THE LICENSING OFFICER
LICENCE

Licence No:- UKCLAD0000792	Licence Date:- 25-05-2014	Fee Paid Rs:- 100.00
-----------------------------------	----------------------------------	-----------------------------

Licence is hereby granted to **M/s. Flammery Limited JV With M/s. Jagra Angles EE** under Section 13(1) of the Contract Labour (Regulation and Abolition) Act, 1970, subject to the conditions specified in Annexure.

This licence is for doing the work of construction on 112/33kv (2x40MVA) GIS Substation, Araghar Dehradun in the establishment of **POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD.** at Vidyan Bhawan Near ISBT Crossing Majra Dehradun.

The licence shall remain in force till **18-07-2015**.

Signature and Seal of the Licensing Officer

RENEWAL
(See Rule 26)

Date of Issuing Renewal	Fee paid for renewal	Date of Expiry	Signature of Licensing Authority
18-07-2014		18-07-2015	

Employment of children under eighteen years is prohibited by the Law.

2.3 Dhaulakhera

Form VI
[See Rule 25(1)]


GOVERNMENT OF UTTARAKHAND
OFFICE OF THE LICENSING OFFICER
LICENCE

License No:- UKCLALNTL001385 License Date :- 27/09/2024 Fee Paid Rs :- 150.00

License is hereby granted to M/s. Flowmore Limited JV With M/s. Jagoo Jaglan E1 under Section 12(1) of the Contract Labour (Regulation and Abolition) Act, 1970, subject to the conditions specified in Annexure.

This license is for doing the work of Construction Of 132/33kv (2x40MVA) GIS SUBSTATION DHAULAKHERA, NAINTAL) in the establishment of Power Transmission Corporation Of Uttarakhand at Vidyat Bhawan Near ISBT Crossing Majra Bherodun.

The license shall remain in force till 18/07/2025.

 Signature and Seal of the Licensing Officer

RENEWAL
[See Rule 25]

Date of Issuing/Renewal	Fee paid for renewal	Date of Expiry	Signature of Licensing Authority
18/07/2024		18/07/2025	

Employment of children under eighteen years is prohibited by the Law

2.4 Khatima-II

08/06/2024 11:02 AM

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UKL

Form VI
(See Rule 25(1))

GOVERNMENT OF UTTARAKHAND
OFFICE OF THE LICENSING OFFICER
LICENCE

Licence No. : UKCLAL15N000114

License Date : 12/09/2024

Fee Paid Rs. : 150.00

Licence is hereby granted to M/s. **Thermomax Limited JV With M/s Jagas Jyotias El** under Section (2)(i) of the Contract Labour (Regulation and Abolition) Act, 1970, subject to the conditions specified in Annexure.

This Licence is for doing the work of **(Contractors Of LT&MTA) GAS SUBSTATION , KHATIMA-II, US NAGAR** in the establishment of **Power Transmission Corporation Of Uttarakhand at Vidyal Bhawan Near ISBT Crossing Major Dehradun.**

The licence shall remain in force till **18/05/2025**.

Signature and Seal of the Licensing Officer

RENEWAL

(See Rule 25)

Date of Issuing/Renewal	Fee paid for renewal	Date of Expiry	Signature of Licensing Authority
18/05/2025		18/05/2025	

Employment of children under eighteen years is prohibited by the Law

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10

2.5 Lohaghat

Form VI [See Rule 25(1)]  Government of Uttarakhand OFFICE OF THE LICENSING OFFICER LICENCE			
License No:-	UKCLALCHMP001346	License Date :-	07/12/2024
		Fee Paid Rs:-	150.00
License is hereby granted to M/s Flowmore Limited JV With M/s Jagata Jagdan EI under Section 12(1) of the Contract Labour (Regulation and Abolition) Act, 1970, subject to the conditions specified in Annexure. This license is for doing the work of (Construction Of 132/33kv (2x20MVA) GIS SUBSTATION, LOHAGHAT CHAMPAWAT) in the establishment of Power Transmission Corporation Of Uttarakhand at Vidyut Bhawan Near ISBT Crossing Majra Dehradun. The license shall remain in force till 18/07/2025.			
Signature and Seal of the Licensing Officer			
RENEWAL [See Rule 29]			
Date of Issuing/Renewal	Fee paid for renewal	Date of Expiry	Signature of Licensing Authority
18/07/2024		18/07/2025	
Employment of children under eighteen years is prohibited by the Law			

Form VI
[See Rule 25(1)]



Government of Uttarakhand
OFFICE OF THE LICENSING OFFICER

LICENCE

License No:- **UKCLALHWR001922** License Date :- **16/09/2025** Fee Paid Rs:- **150.00**

License is hereby granted to **Safasur Techno Engineering Limited** under Section 12(1) of the Contract Labour (Regulation and Abolition) Act, 1970, subject to the conditions specified in Annexure.

This license is for doing the work of (Construction Of LILO Of 220 KV Roorkee Nara Line at Proposed 220 KV Substation) in the establishment of **Power Transmission Corporation Of Uttarakhand** at **Vidyut Bhawan Near ISBT Crossing Majra Dehradun**.

The license shall remain in force till **08/12/2025**.

Signature and Seal of the Licensing Officer

RENEWAL

[See Rule 29]

Date of Issuing Renewal	Fee paid for renewal	Date of Expiry	Signature of Licensing Authority
09/12/2024		08/12/2025	

Employment of children under eighteen years is prohibited by the Law

HDFC ERGO General Insurance Company Limited

February 05, 2020

FLOWMORE LIMITED

BLUES 2 VIEWVA VIKAR MARGE 2 DEHRADUN
RAMDI ROAD PATTARIBAKH DEHRADUN DEHRADUN UTTARAKHAND 248001
DEHRADUN
UTTARAKHAND 248001



Dear Customer,

Auto Employees Compensation Insurance Policy No. 211420115478889000

We thank you for having preferred us for your insurance requirements. We at HDFC ERGO General Insurance Limited 'insure' you not only to be an insurance to extendly in the event of unfortunate circumstances, but one that signifies protection and support, which you can count on when you need it most.

The Insurance Policy issueded herewith is a written agreement providing confirmation of our responsibility towards you that your insurance coverage will extend against stipulated perils.

Please note that the policy has been issued based on the information contained in the proposal form and / or documents received from you or your representative / broker.

Name of the Insured Party: BMC INSURANCE BROKERS PVT LTD
Insuring Code: 2012200000000000

Where the proposal form is not received, information obtained from you or your representative / broker, whether orally or otherwise, is captured in the policy Document.

If you wish to contact us, in reference to your existing policy and for other general insurance solutions offered by us, you may write to our correspondence address as mentioned below. Alternatively you may visit our website www.hdfcergo.com. To enable us to serve you better, you are requested to quote your Policy Number in all correspondence.

Thanking you once again for choosing HDFC ERGO General Insurance Company Limited and looking forward to many more years of association.

Yours sincerely,

Authorized Signatory

211420115478889000

Page 1 of 22

Certificate of Insurance and Policy Schedule

Sampling rate 11 samples/s (100 Hz)



Insured Name	FLOWERS LIMITED - AANCHON	Business	OTHERS
Correspondence Address	BLOCK B VENTURE PARK PHASE 2 DEHRA DUN RANG ROAD MATHURA DEHRA DUN DEHRA DUN UTTARAKHAND 244001 DEHRA DUN UTTARAKHAND 244001		
Mobile	Phone	E Mail	Policy Issuance Date
		VRAK98T@BACHONLIMITED.COM	04/07/2024
Period of Insurance	From Date & Time	To Date & Time	
	04/07/2024 20:01 AM	04/07/2024 Midnight	

References

The Policy covers liability of the insured under the following Law(s) states as covered, subject to state being otherwise enforceable as per laws, conditions and exclusions of The Policy and subject to limit of indemnity as stated against each law.

Sr. No.	Law	Level of Indemnity
a.	Employee's Compensation Act, 1923 and subsequent amendments thereof prior to the date of issue of this Policy	Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability covered by the Insured
b.	Common Law	Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability covered by the Insured, but not exceeding:-
		a) Limit Per Employee for any number of accidents during Period of Insurance: T is as per schedule
		b) Limit Per Accident for any number of Employees: F is as per schedule
		c) Aggregate Limit for all accidents and claims arising there from during the Period of Insurance: T is as per schedule

812-13-00006

5-7742575547864,00000

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Suppose a company has
100 employees and 1000000
of stock. What is the value of the company?

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Journal of Internal Medicine 250: 461–468

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HDFC ERGO General Insurance Company Limited

Details of Employees Covered

Description of work done by Employees	Declared Number of Employees	Declared Wages during the Period of Insurance	Particulars of Employment
Electricity, All employees inside and outside	25	934000.00	TENDER #B 403 # 1408/PTCL/000000 0100 KV DB SUBSTATION LOT-1 FOR CONSTRUCTION OF 200KV DB SUBSTATION SELLER DEHRAADUN
Electricity, All employees inside and outside	30	949000.00	TENDER #B 403 # 1408/PTCL/000000 0100 KV DB SUBSTATION LOT-1 FOR CONSTRUCTION OF 200KV DB SUBSTATION SELLER DEHRAADUN

Premium Details (₹)

Basis Premium	5471.98
Associated Tax 10%	547.19
Total Premium	6019.17

GST Registration No: 07AADCL3048N1ZA. The contract will be considered as void in case, the consideration under the policy is not realized.

If the Insured declares that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 46, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.

This is with reference to the KYC norms prescribed by the Authority, whereby this policy is being issued relying on the undersigned's power of attorney / letter of authorization / board resolution provided by the authorized signatory of your firm. Should the signatory be not authorized to provide such a declaration, please inform the Company within 15 days from the date of receipt of this policy.

List of Endorsements

End No	Description	Effective Date
CH	Any employment compensation in excess of the actual sum insured for workmen compensation endorsement not to apply in respect of common law.	05 February 2020

STRICTLY CONFIDENTIAL

Page 2 of 33

100% Shareholder Insurance Company Limited (HDFC ERGO Insurance Company Limited)

100% Shareholder Insurance Company Limited (HDFC ERGO Insurance Company Limited)

Headquarters & Registered Office
HDFC ERGO Insurance Company Limited
B-1, Sector-44, Gurgaon, Haryana - 122002

Regional Office Address
100% Shareholder Insurance Company Limited
100% Shareholder Insurance Company Limited

Local Office Address
100% Shareholder Insurance Company Limited
100% Shareholder Insurance Company Limited

HOFC-ERGO General Insurance Company Limited

C-10	Industry	05 February 2020
C-11	Workers employed in the course of manufacturing and/or supplying motor producing, mining, logging, fishing, harvesting, etc., comprising: (a) Foreworks, ammunition, fuses, sub-light, primers, incendiaries, or any explosives; (b) Green and/or so called primary explosives; (c) Salts, sulphates, nitrate, and other special gases; (d) Colloid and dynamite; (e) Polychloride and acid chemicals of a free (not defined under Code A Public Liability Act 1981), volatile, explosive and/or highly flammable nature; (f) Explosives and/or explosive products	05 February 2020
C-12	Workers employed in the course of the construction, maintenance and demolition of power, railway, bridge, highway and other structures	05 February 2020
C-13	Construction and handling work is connected with mining, quarrying and its handling work	05 February 2020
C-14	Underground and/or underwater mines and/or underground services	05 February 2020
C-15	Submarine work	05 February 2020
C-16	Quarries, where explosives are used	05 February 2020
C-17	Construction engaged exclusively in working in demolition of building and/or other metal structures	05 February 2020
C-18	Oil and gas companies drilling, producing, refining and distributing	05 February 2020
C-19	Workers employed on or in connection with offshore rigs	05 February 2020
C-20	Workers employed in the course of shipbuilding, ship repairing and ship breaking, other than pleasure craft, dismantling and/or long shore work	05 February 2020
C-21	Aircraft crews in respect of flight test or any test of Aircraft Services including Engineering Services	05 February 2020
C-22	Ship crews other than in board vessels in or around operating within territorial waters	05 February 2020
C-23	Fire brigades other than those formed primarily for fire prevention purposes	05 February 2020
C-24	Service in any kind of armed forces	05 February 2020
C-25	Operators of railways, other than subways	05 February 2020
C-26	Employees employed on a permanent basis in U.S.A. and/or Canada	05 February 2020
C-27	Professional agents team	05 February 2020
C-28	Liability arising out of communicable diseases, other than the liability arising out of communicable diseases in cases under Sec. 40, 2 is excluded	05 February 2020
C-29	Education of construction and permanent employees along with the declared wages with lay received at the time of death	05 February 2020
C-30	Occupational Disease, Excluded Canadian Fatal Injury caused to Employee by accident directly or indirectly caused by or arising from or in consequence of its attributable to war, terrorism, act of foreign enemy, hostilities (whether war be declared or not) and war, piracy, terrorism, rebellion, insurrection or military or political power, civilised insurrection, riotous, riotous or subversive or subversive by individuals from any person but in	05 February 2020

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1. <http://www.elsevier.com/locate/ymbs>

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HOFC ERGO General Insurance Company Limited

	Does any notice arise from the contribution of Insured Last Payment occurring at any other place than the Place or Places of Employment specified in the Schedule, unless the Employee was at such other place whilst on duty for the purposes of the Business and on the directions of the Insured or any of its officials authorized to exercise control and supervision over the Employees For Occupational Diseases contracted by an Employee For interest and/or penalty imposed on the Insured under any law or otherwise unless any law be medical expenses in connection with treatment of any injury sustained by an Employee For persons employed in the Business under a Contract or Sub-Contract of the Insured unless specifically covered in the Schedule For injury sustained by person whilst in the employ of the Insured otherwise than in the Business and/or who has is not declared for insurance under the Policy Assumed by agreement which would not have attached to the absence of such agreement For any suit which the Insured would have been entitled to recover from any party but for an agreement between the Insured and such party For any accident occurring whilst the Employee is under the influence of intoxicating liquor or drugs For any incapacity or death of an Employee resulting from health deterioration with injury or the deliberate aggravation of an accidental injury	
C32	Medical Expenses Extension Rs 1,30,00,00 For Employees Limit	05 February 2020
C33	Arbitration Clause has been selected as 'NO'. In case if Insured wishes to opt for Arbitration, please get in touch with assigned Relationship Manager	05 February 2020
C34	Policy is subject to renewal on reported today at 202002050000 leading Business 26 date	05 February 2020
EC-11-0001	Communicable Diseases Extension	08 February 2020
EC-11-0006	Insurance Contract	15 February 2020
EC-11-0008	Policy Schedule	08 February 2020
EC-12-0001	Medical Expenses	05 February 2020
EC-12-0003	Contractor Employees	05 February 2020

Subject to terms and conditions of Employees Compensation Insurance Policy attached herewith.

Subsidiaries are listed according to conditions for EEC trading with regard to the policy arrangements.

2. Average condition no. 3 does not apply to this policy. However, this is subject to adjustment of premium on the basis of actual number of employees and their wages at the time of claims.
3. This policy is issued to assume employer's legal liability for accidents to employees (only) - The Fidelity Assurance Co., 1922.
4. The Wages declared as a scheduled wage for the Current Year - Any increase or decrease in wages will be declared at the End of Policy & Subject to that Premium will be charged or refunded.

The stamp duty of Rs. 2760 paid vide Order No. LQA/JNF-1CSD/48294/20, Validity Period Of, 15/03/2024 to 15/03/2024, GSN No. ATAC IN 28103224 GSN NO MNO07TTHN02042M, Dt. 15/03/2024, SR. Slew & DEPTD No. 2023-24-00000424, Dt. 22/10/2024) as provided by Dept of Maharashtra Revenue Na. Mumbai - 2017AC-1-00000000

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DOI: 10.1002/for

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Journal of Internal Medicine 245: 401–408

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J. Polym. Sci. Part A: Polym. Chem. 46, 1031–1040 (2008)
DOI: 10.1002/pola.22301

HDFC ERGO General Insurance Company Limited

Invoice No.	2011547980000	QSTN No.	00000000000000000000
Place of Supply	07798000000000000000	HSN Code	99100
Policy Insurance Date	0000000000	Branch	NEW DELHI - NEWPLACE

For HDFC ERGO General Insurance Company Ltd

Broker Name: SMC INSURANCE BROKERS PVT LTD
Broker Code: 2012288090630850


Authorized Person

HDFC ERGO General Insurance Company Limited

Limit of Indemnity means the maximum amount of indemnity as specified in the Schedule that will be provided under the Policy by the Company in respect of:

- a) any persons owned by an Employee and
- b) all claims arising out of all accidents for any number of Employees during the Period of Insurance.

EXCLUSIONS

This Policy shall not cover liability of the Insured:

- (a) For injury caused to Employees by accident directly or indirectly caused by or arising from or in consequence of or attributable to war, invasion, all of foreign wars, hostilities (whether war be declared or not), civil war, rioting, insurrection, rebellion, revolution or military or usurped power, nuclear weapons material, ionising radiation or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the contamination of nuclear fuel.
- (b) Accident occurring at any other place than the Place or Places of Employment specified in the Schedule, unless the Employee was at such other place while on duty for the purpose of the Business and on the direction of the Insured or any of its official authorized to exercise control and supervision over the Employee.
- (c) For Occupational Diseases contracted by an Employee.
- (d) For alcohol and/or drugs ingested on the Insured under any law or otherwise.
- (e) Under any Law for medical expenses in connection with treatment of any injury sustained by an Employee.
- (f) For persons employed in the Business under a Contract or Sub-Contract of the Insured unless specifically covered in the Schedule.
- (g) For injury sustained by person while in the employ of the Insured otherwise than in the Business unless who has not been declared for insurance under this Policy.
- (h) Assured by agreement which would not have attached in the absence of such agreement.
- (i) For any sum which the Insured would have been entitled to recover from any party but for an agreement between the Insured and such party.
- (j) For any accident occurring whilst the Employee is under the influence of intoxicating liquor or drugs.
- (k) For any incapacity or death of an Employee resulting from- but not limited to- self injury or the deliberate aggravation of an accidental injury.

CONDITIONS

- 1. **The Contract.** This Policy and the Schedule shall be read together as one contract and any word defined herein and shown in bold shall bear such specific meaning wherever it may appear in the Policy or the Schedule.
- 2. **Due Observance.** The due observance and fulfilment of the terms, conditions and endorsements of this Policy as far as they relate to anything to be done or not to be done by the Insured shall be condition precedent to any liability of the Company in relation to any payment under this Policy.
- 3. **Misrepresentation/Non-Disclosure.** This Policy shall be void in the event of any misrepresentation or non-disclosure in the Proposal and the Insured is deemed to warrant the truth and accuracy of the statements and answers in the Proposal which form the basis of this Policy.
- 4. **Notice of Claims/Communication.** Every notice or communication to be given or made under this Policy shall be delivered in writing to the Company.
- 5. **Safeguards.** The Insured shall take reasonable precautions to prevent accidents and diseases and shall comply with all statutory obligations, manufacturer's recommendations and other safety regulations in conduct of the Business.

BC-33-0034

2014207154759000000

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Head Office: General Insurance Company Limited, Mumbai, Maharashtra, India

Local Office: General Insurance Company Limited, Mumbai, Maharashtra, India

Regional Office:
100, Nariman Point, Mumbai, Maharashtra, India
100, Nariman Point, Mumbai, Maharashtra, India

Regional Office:
100, Nariman Point, Mumbai, Maharashtra, India
100, Nariman Point, Mumbai, Maharashtra, India

Regional Office:
100, Nariman Point, Mumbai, Maharashtra, India
100, Nariman Point, Mumbai, Maharashtra, India

HDFC ERGO General Insurance Company Limited

4. **Claim Information:** In the event of any occurrence which may give rise to a claim under this Policy the Insured shall, in so far as possible, and in any case within a period of thirty days of such occurrence, give notice thereof to the Company in writing with full particulars. Every later claim with summons and process shall be notified to the Company immediately on receipt. Notice shall also be given to the Company immediately the Insured shall have knowledge of any impending prosecution, inquiry or legal enquiry in connection with any such occurrence as aforesaid.
5. **Company's Rights After Loss:** No admission offer, promise or payment shall be made by or on behalf of the Insured without the consent of the Company which shall be entitled, without being obliged to do so, if it so desires to take over and conduct in its name the defence or settlement of any claim or to prosecute in its name for its own benefit any claim for indemnity or damages or otherwise and shall have full discretion in the conduct of any proceedings and in the settlement of any claim and the Insured shall give all such information and assistance as the Company may require.
6. **Declaration of Employees and Wages:** It is hereby agreed and understood that the Insured shall be bound at all times to declare to Employees and Wages payable in respect of such Employees on the basis of which the Premium for this Policy is calculated.
In case of increase in Employees or Wages subsequent to insurance, Insured shall keep the Company informed and obtain endorsement by payment of necessary additional premium.
The Insured shall as and when require by the Company permit inspection of its records to verify the Wages and Employees and shall also provide duly authenticated copies thereof if so required by the Company.
7. **Average:** Notwithstanding anything contained hereinafter,
 - (a) if the number of Employees (including on duty or otherwise) employed by the Insured on the date of accident is higher than the number covered under this Policy, the Company shall apportion Insured's liability among all of such accident, only in such proportion that the number of Employees covered here to the Employees found employed on the date of accident;
 - (b) if the amount of Wages declared for the insurance for all Employees is less than the actual Wages paid until date of accident, the Company shall be liable to indemnify on any claim only in proportion that the Wages declared bears to the Wages paid. For the purpose of this clause, the Wages declared shall be calculated proportionately for the period from commencement of Policy until date of accident for comparison with the actual wages paid during such period to determine applicability of this clause;
 - (c) if the liability of the Insured for any claim by an Employee is determined on the basis of Wages higher than covered under this Policy, the Company shall be liable to indemnify only in proportion that the Wages covered under the Policy for the Employee/Employee bears to the Wages on the basis of which Insured is held liable. For the purpose of this clause, the Wages covered in respect of any Employee shall be deemed to be the average wage per Employee in the category under which the Employee falls as specified in the Schedule unless actual Wages paid at the time of accident is substantiated by submission of documentary evidence to the Company;
 - (d) if none of the above clauses is found applicable in respect of a claim, only such clause under which the liability of the Company is least shall be applied.
8. **Maintenance of records of Employees/Wages:** The Insured undertakes to maintain an accurate record of the Employees and Wages in respect of the Business throughout the Period of Insurance, in compliance with all statutory requirements or otherwise, and allow the Company to inspect such records during its term expiry of this Policy.

EC-CE-004

SPV620718476600000

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100% Insured Amount is covered under the Policy. The Insured shall not be liable to pay any premium for the Policy.

100% Insured Amount is covered under the Policy. The Insured shall not be liable to pay any premium for the Policy.

Registered & Licensed Office
HDFC ERGO General Insurance Company Limited
12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Registered & Licensed Office
HDFC ERGO General Insurance Company Limited
12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Registered & Licensed Office
HDFC ERGO General Insurance Company Limited
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HDFC ERGO General Insurance Company Limited

Coverage for Contractors Workers/ Employees

Policy Period

Effective Date From (00:01) Hours February 05, 2025

Expiry Date To (23:59:59) February 05, 2025

Policy Number

31543775475860000

Insured

FLOWMORE LIMITED

Name of Company

HDFC ERGO General Insurance Company Limited

Date Issued

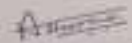
February 05, 2025

Coverage for Contractors Workers/ Employees

In consideration of the payment of an additional premium it is hereby understood and agreed that the indemnity herein granted is extended to cover the legal liability of the Insured to Employees in the employment of Contractors performing work for the Insured while engaged in the Business in respect of which the within Policy is granted, but only so far as regards claims under the Employees' Compensation Act, 1923, and subsequent amendments of said Act prior to the date of the issue of this Policy.

Contractor's Name: Details to be provided at time of claim
Registered Address: Details to be provided at time of claim

Sr. No.	Description of work done by Employees	Declared Number of Employees	Declared Wages/Contract Value during the Period of Insurance	Place/Place of Employment
1	Electricity - Light and/or Power Supply - All employees inside and out	20	540000	ANYWHERE IN INDIA
2	Electricity - Light and/or Power Supply - All employees inside and out	30	540000	ANYWHERE IN INDIA


Authorized Representative

HC_12_0001

31543775475860000

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Registered Office:
HDFC ERGO General Insurance Company Limited
17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Registered Office:
HDFC ERGO General Insurance Company Limited
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Registered Office:
HDFC ERGO General Insurance Company Limited
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HDFC ERGO General Insurance Company Limited

Coverage for Medical Expenses

Policy Period	Effective Date From: 00:01 hours February 05, 2025
	Expiry Date To: (Midnight) February 04, 2026
Effective Date	February 05, 2025
Policy Number	2154327154/98888888
Insured	FLORIANE LEBLANC
Name of Company	HDFC ERGO General Insurance Company Limited
Date Issued	February 05, 2025

In consideration of the payment of an additional premium it is hereby understood and agreed that the Policy is extended to cover Insured's liability towards medical expenses for treatment of injury arising out of accident in respect of which indemnity provided under the Policy otherwise applies.

Provided always that the liability of the Company under the endorsement shall be limited to Rs. 1000000 in respect of each Employee per accident and the aggregate liability of the Company for all accidents during the Period of Insurance to Rs. 10000000000.

For the purpose of this endorsement only, Definition is modified and amended to add the following:

Medical expenses mean reasonable expenses for treatment:

- first aid administered at the time of an accident;
- medical surgical and dental services, including prosthetic devices, and
- medicines, hospital professional nursing and funeral services.

Subject to otherwise to the terms, provisions and conditions of the within Policy.

If the Underwriter wants to give complete coverage for actual incurred the last paragraph of the endorsement can be deleted.

For Name of the Company

Authorized Signatory

Date: February 05, 2025

837_12_0001

2154327154/98888888

Page 12 of 23

HDFC ERGO General Insurance Company Limited is licensed under the Insurance Act, 1938 and the Insurance Regulatory and Development Authority of India (IRDAI) Act, 1999. It is a member of the Insurance Regulatory and Development Authority of India (IRDAI).
Registered in India at: Mumbai, Maharashtra.
In India: HDFC ERGO General Insurance Company Limited, 100, Nariman Point, Mumbai - 400 025.
In India: HDFC ERGO General Insurance Company Limited, 100, Nariman Point, Mumbai - 400 025.
In India: HDFC ERGO General Insurance Company Limited, 100, Nariman Point, Mumbai - 400 025.
In India: HDFC ERGO General Insurance Company Limited, 100, Nariman Point, Mumbai - 400 025.

HDFC ERGO General Insurance Company Limited

February 25, 2020

FLORIMORE LIMITED

BLOCK 5 VIDHYA VIHAR PHASE 2 DEHRADUN
KARGH ROAD PATTARBADH DEHRADUN DEHRADUN UTTARAKHAND 248001
DEHRADUN
UTTARAKHAND 248001



Dear Customer,

Sub: Short-term Compensation Insurance Policy No. 211420718424468006

We thank you for having preferred us for your insurance requirements. We at HDFC ERGO General Insurance believe "Insurance" is not only to be an insurance to indemnify in the event of unfortunate circumstances, but one that signifies protection and support which you can count on when you need it most.

The Insurance Policy enclosed herewith is a written agreement providing confirmation of our responsibility towards you that this Insurance coverage is in effect against specified perils.

Please note that the policy has been issued based on the information contained in the proposal form and in documents received from you or your representative / broker.

Name of the intermediary: **ISAC INSURANCE BROKERS PVT LTD**
Intermediary Code: **20122660000000**

Where the proposal form is not received, information obtained from you or your representative / broker, whether orally or otherwise, is captured in the policy document.

If you wish to contact us in reference to your existing policy and for other general insurance solutions offered by us, you may write to our correspondence address as mentioned below. Alternatively, you may visit our website www.hdfcergo.com to enable us to serve you better, you are requested to quote your Policy Number in all correspondence.

Thanking you once again for choosing HDFC ERGO General Insurance Company Limited and looking forward to many more years of association.

Yours sincerely,

Authorized Signatory

211420718424468006

Page 1 of 2

HDFC ERGO General Insurance Company Limited is licensed by the Insurance Regulatory and Development Authority of India (IRDAI) to provide General Insurance services. The Company is a member of the Insurance Information System (IIS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Claims Management System (ICMS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Fraud Detection System (IFDS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Risk Management System (IRMS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Solvency Margin System (ISMS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Capital Adequacy System (ICAS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Asset Liability Management System (ALMS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Risk Rating System (RRS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Rating System (RS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Solvency Margin System (ISMS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Capital Adequacy System (ICAS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Asset Liability Management System (ALMS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Risk Rating System (RRS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in. The Company is also a member of the Insurance Rating System (RS) of IRDAI. For more information, please visit the website of IRDAI at www.irda.gov.in.

Certificate of Maintenance and Policy Schedule

Policy No. 311420T15AT4442000H

Employee Compensation Institute



Insurance Name:	HOMESIDE LIMITED - AAN070076			Business:	OTHERS
Correspondence Address:	BLOCK B VISHVA VIHAR PHASE -3 DEHRADUN KANIG ROAD PATTHARHATHI DOHAUDUN DOHAUDUN UTTARAKHAND SARANI DEHRADUN/UTTARAKHAND PHEARI				
Mobile:		Phone:		E Mail:	VVA087@GMAILSUDAM CC.COM
				Policy Issuance Date:	06/02/2025
Period of Insurance:	From Date & Time:	06/02/2025 00:01 AM	To Date & Time:	06/02/2026 Midnight	

1999

The Policy covers Liability of the Insured under the following Limit(s) shown as correct, subject to there being no other provision(s) as per terms, conditions and exclusions of the Policy and subject to Limit of indemnity as stipulated against each Limit.

Sr. No.	Law	Limit of Indemnity
a	Employee's Compensation Act, 1923 and subsequent amendments thereto prior to the date of issue of this Policy	Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured.
b	Common Law	Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured, but not exceeding:- i) Limit Per Employee for any number of accidents during Period of Insurance. T is as per schedule ii) Limit Per Incident for any number of Employees. T is as per schedule iii) Aggregate Limit for all accidents and claims arising there from during the Period of Insurance. T is as per schedule

047-450000

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Registered in England and Wales Registered Office: 100 Brook Hill Drive, Suite 200, Brook Hill, New York, NY 10816-3209 Telephone: (212) 850-6000 Fax: (212) 850-6001 E-mail: info@nytimes.com	Published by The New York Times Company 175 West 77th Street, New York, NY 10019-1578 Telephone: (212) 512-2000 Fax: (212) 512-2100 E-mail: nytimes@nytimes.com
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HDFC ERGO General Insurance Company Limited

Subjects At Employment Contract

Description of work done by Employees	Declared Number of Employees	Declared Wages during the Period of Insurance	Place/Places of Employment
Electricity All employees made and put wires.	80	\$960000.00	TENDER ITS NO P-UNEMPLOYED 20000KV 132KV QIS SUBSTATIONS CONSTRUCTION OF 132/132V (2X40 MW) QIS SUBSTATION SANGHAN , TENDER ITS NO P-UNEMPLOYED 20000KV 132KV QIS SUBSTATIONS CONSTRUCTION OF 132/132V (2X40 MW) QIS SUBSTATION SANGHAN , TENDER ITS NO P-UNEMPLOYED 20000KV 132KV QIS SUBSTATIONS CONSTRUCTION OF 132/132V (2X40 MW) QIS SUBSTATION SANGHAN , TENDER ITS NO P-UNEMPLOYED 20000KV 132KV QIS SUBSTATIONS CONSTRUCTION OF 132/132V (2X40 MW) QIS SUBSTATION SANGHAN , US AGAM ,TENDER ITS NO P-UNEMPLOYED 20000KV 132KV QIS SUBSTATIONS CONSTRUCTION OF 132/132V (2X40 MW) QIS SUBSTATION SANGHAN , CHAMPANAT
Electricity All employees make and connect wires	170	\$1000000.00	TENDER ITS NO P-UNEMPLOYED 20000KV 132KV QIS SUBSTATIONS CONSTRUCTION OF 132/132V (2X40 MW) QIS SUBSTATION SANGHAN , TENDER ITS NO P-UNEMPLOYED 20000KV 132KV QIS SUBSTATIONS CONSTRUCTION OF 132/132V (2X40 MW) QIS SUBSTATION SANGHAN , CHAMPANAT

STRICTLY CONFIDENTIAL

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doi:10.1017/S0022292410000597 Printed in the United Kingdom

100. *Wheat* (Triticum aestivum) is a major food crop. It is a hexaploid species, meaning it has six sets of chromosomes. The genome of wheat is composed of three subgenomes: A, B, and D. The A and B subgenomes are derived from wild grasses, and the D subgenome is derived from a wild goat grass. The A and B subgenomes are closely related, while the D subgenome is more distantly related. The A and B subgenomes are represented by the letters A and B, and the D subgenome is represented by the letter D. The A and B subgenomes are represented by the letters A and B, and the D subgenome is represented by the letter D. The A and B subgenomes are represented by the letters A and B, and the D subgenome is represented by the letter D.

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 J. Mass Spectrom. 41, 1033–1042 (2006)
 DOI: 10.1002/jms.1060

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Journal of Internal Medicine 255: 399–406

Address: 10000 Wilshire Blvd., Suite 1000, Los Angeles, CA 90024
 Phone: (310) 276-1000
 Fax: (310) 276-1001
 Email: info@wiley.com

HDFC ERGO General Insurance Company Limited		
		P-1408BPTCLU/ 2022CG 132KV GIS SUBSTATIONS CONSTRUCTION OF 1320KV (2X40 MVA) GIS SUBSTATION, ARACHAL, DEHRADUN, TENDER IFS NO. P-1408BPTCLU/ 2022CG 132KV GIS SUBSTATIONS, CONSTRUCTION OF 1320KV (2X40 MVA) GIS SUBSTATION, RHAJMAHIL, US NAGAR, TENDER IFS NO. P-1408BPTCLU/ 2022CG 132KV GIS SUBSTATIONS COMSTR ACTION OF 1320KV GDS MVAS/GIS SUBSTATION, LOHAGHAT, QUAMPHEET.
Premium Details (₹)		
Gross Premium		21994.38
Integrated Tax 18%		3941.80
Total Premium		25936.18
(GST Registration No. 27AHEL2049FZA. The contract will be cancelled as info is ask. The consideration under the policy is not retained.)		
If the Insurer decides that though our aggregate turnover at any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.		
This is with reference to the CTC number prescribed by the Authority, whereby the policy is being issued relying on the undersigned's power of attorney / letter of authorization / Board resolution provided by the authorized signatory of your City. Should the signatory be not authorized to provide such a declaration, please inform the Company within 15 days from the date of receipt of this policy.		
List of Endorsements		
Endo No.	Description	Effective Date
001	Occupational Disease Exclusion Conditions For Injury Caused to Employee by accident directly or indirectly caused by or arising there in it	08 February 2018
31120713M14447000		
Page 4 of 13		
HDFC ERGO General Insurance Company Limited (HDFC ERGO General Insurance Co., Ltd.) Registered Office: HDFC ERGO General Insurance Co., Ltd., Plot No. 1, Sector 18, Gurgaon, Haryana - 122002. Branch Office: HDFC ERGO General Insurance Co., Ltd., Plot No. 1, Sector 18, Gurgaon, Haryana - 122002. Branch Office: HDFC ERGO General Insurance Co., Ltd., Plot No. 1, Sector 18, Gurgaon, Haryana - 122002.		

HDFC ERGO General Insurance Company Limited

Coverage for Contractors Workers/ Employees

Endorsement

Policy Period: Effective Date: From: 00:01 hours February 05, 2023
 Every Day To: Midnight February 04, 2023
 Effective Date: February 05, 2023
 Policy Number: 3114207134744400009
 Insured: FLOMMORE LIMITED
 Name of Company: HDFC ERGO General Insurance Company Limited
 Date Issued: February 05, 2023

Coverage for Contractors Workers/ Employees

In consideration of the payment of an additional premium it is hereby understood and agreed that the indemnity herein granted is extended to cover the legal liability of the Insured to Employees in the employment of Contractors performing work for the Insured while engaged in the Business in respect of which the written Policy is granted, but only so far as regard claims under the Employees Compensation Act, 1923, and subsequent amendments of said Act prior to the date of the issue of this Policy.

1. Contractor's Name: Details to be provided at time of claim
 Registered Address: Details to be provided at time of claim

To No.	Description of work done by Employees	Declared Number of Employees	Declared Wages/Contract Value during the Period of Insurance	Place/Place of Employment
1	Electricity - Light and/or Power Supply - All employees inside and out	100	2000000	ANYWHERE IN INDIA
2	Electricity - Light and/or Power Supply - All employees inside and out	1000	2100000	ANYWHERE IN INDIA

A. K. Sharma
 Authorized Representative

EC_12_0005

3114207134744400009

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HDFC ERGO General Insurance Company Limited, 100, Park Road, New Delhi, India

HDFC ERGO General Insurance Company Limited, 100, Park Road, New Delhi, India

Registered & Corporate Office

Branch Office Address

Branch Office Address

100, Park Road, New Delhi, India

100, Park Road, New Delhi, India

100, Park Road, New Delhi, India

100, Park Road, New Delhi, India

100, Park Road, New Delhi, India

100, Park Road, New Delhi, India

HDFC ERGO General Insurance Company Limited

February 05, 2025

FLOWMORE LIMITED

BLOCK 2 MIDCVA VIKAS PHASE -2 DEHRADUN,
KARGU ROAD PATHRIBADI DEHRADUN DEHRADUN UTTARAKHAND 248001,
DEHRADUN,
UTTARAKHAND 248001



Dear Customer,

Self-Employed Compensation Insurance Policy No. 211420719478400000

We thank you for having preferred us for your insurance requirements. We at HDFC ERGO General Insurance believe "Insurance" is not only to be an assurance to yourself in the event of unfortunate circumstances, but one that signifies protection and support, which you can count on when you need it most.

The Insurance Policy enclosed herewith is a written agreement providing confirmation of our responsibility towards you that your insurance coverage is in effect against stipulated perils.

Please note that this policy has been issued based on the information contained in the proposal form and / or documents received from you or your representative / broker.

Name of the Intermediary: **SBC INSURANCE BROKERS PVT LTD**

Intermediary Code: **20122866000000**

Where the proposal form is not received, information obtained from you or your representative / broker, whether orally or otherwise, is captured in the policy document.

If you wish to contact us in reference to your existing policy and / or other general insurance solutions offered by us, you may write to our correspondence address as mentioned below. Alternatively, you may visit our website www.hdfcergo.com. To enable us to serve you better, you are requested to quote your Policy Number in all correspondence.

Thanking you once again for choosing HDFC ERGO General Insurance Company Limited and looking forward to many more years of association.

Yours sincerely,

Authorized Signatory

211420719478400000

Page 1 of 22

HDFC ERGO General Insurance Company Limited (Formerly known as HDFC ERGO Insurance Company Limited)
Registered in India under the Companies Act, 1956. Registered Office: 10, Connaught Place, New Delhi - 110028.
Corporate Office: 10, Connaught Place, New Delhi - 110028.
Branch Office: 10, Connaught Place, New Delhi - 110028.
Website: www.hdfcergo.com

DFC ERGO General Insurance Company Limited

Certificate of Insurance with Policy Schedule

Policy No. 311428715478803000

Employee Compensation Insurance



Insured Name	FLOWMORE LIMITED, AMALFURWE	Business	OTHERS
Correspondence Address	BLOCK B VIDHA VIHAR PHASE-3 DEHRADUN MASSAARU ROAD PUTHURBAHAI DEHRADUN DEHRADUN UTTARAKHAND 248001		
Mobile	Phone	E Mail	Policy Issuance Date
		WKA881@SMCINDIA.NM CE.COM	06/02/2025
Period of Insurance	From Date & Time	25/02/2025 00:01 AM	To Date & Time
			04/02/2026 Midnight

LRW

The Policy covers Liability of the Insured under the following Law(s) shown as covered, subject to them being otherwise admissible as per terms, conditions and exclusions of the Policy and subject to Limit of Indemnity as stipulated against each Law:

Sr. No.	Law	Limit of Indemnity
a	Employee's Compensation Act, 1923 and subsequent amendments thereof prior to the date of issue of the Policy	Subject otherwise to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured
b	Common Law	Subject otherwise to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured, but not exceeding:- a) Limit Per Employee for any number of accidents during Period of Insurance. T is as per schedule b) Limit Per Accident for any number of Employees. T is as per schedule c) Aggregate Limit for all accidents and claims arising there from during the Period of Insurance. T is as per schedule

EC-15-0008

311428715478803000

Page 2 of 25

DFC ERGO General Insurance Company Limited is licensed by the Insurance Regulatory and Development Authority of India (IRDAI) under License No. 15/0008/2015 dated 15/06/2015. The Company is authorized to carry out the business of General Insurance in India. The Company is a member of the Insurance Regulatory and Development Authority of India (IRDAI) and is regulated by the Insurance Regulatory and Development Authority of India (IRDAI). The Company is a member of the Insurance Regulatory and Development Authority of India (IRDAI) and is regulated by the Insurance Regulatory and Development Authority of India (IRDAI).

Details of Employees Covered

Frequency Details (F)

As the variety declines that though the aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (b) of rule 40, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.

This is with reference to the KYC norms prescribed by the Authority, whereby this policy is being issued relying on the undersigned / power of attorney / letter of authorization / Board resolution provided by the authorized signatory of your Entity. Should the signatory be not authorized to provide such a declaration, please inform the Company within 10 days from the date of receipt of this policy.

1. *See* also *United States v. Gurnea*, 199 F.3d 1008, 1014 (9th Cir. 2000).

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doi:10.1017/S0022292410000533

© 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 105–112

doi:10.1017/S0022292412001610 Published online by Cambridge University Press

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E-mail: edward@uclink.berkeley.edu

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HDFC ERGO General Insurance Company Limited

February 08, 2025

FLOWMORE LIMITED

BLOCK B VARDHA VIHAR PHASE 2 DEHRADUN,
KAPALI ROAD PATHRIVASH DEHRADUN DEHRADUN (UTTARAKHAND 248001)
DEHRADUN,
UTTARAKHAND 248001



Dear Customer,

Sub: Employees Compensation Insurance Policy No. 31162015474456000

We thank you for having preferred us for your insurance requirements. We at HDFC ERGO General Insurance believe "Insurance" is not only to be an assurance to indemnify in the event of unfortunate circumstances, but one that signifies protection and support, which you can count on when you need it most.

The Insurance Policy enclosed herewith is a written agreement providing confirmation of our responsibility towards you that puts insurance coverage into effect against stipulated perils.

Please note that this policy has been issued based on the information contained in the proposal form and all documents received from you or your representative / broker.

Name of the intermediary : SMC INSURANCE BROKERS PVT LTD
Intermediary Code : 20122888880000

Where the proposal form is not received, information obtained from you or your representative / broker, whichever is applicable, is captured in the policy document.

If you wish to contact us in reference to your existing policy and/or other general insurance solutions offered by us, you may write to our correspondence address as mentioned below. Alternatively, you may visit our website www.hdfcergo.com. To enable us to serve you better, you are requested to quote your Policy Number in all correspondence.

Thanking you once again for choosing HDFC ERGO General Insurance Company Limited and looking forward to many more years of association.

Yours sincerely,

Authorized Signatory

31162015474456000

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HDFC ERGO General Insurance Company Limited (Formerly known as HDFC General Insurance Company Limited)

100, Ambassador Road, Sector 15, Gurgaon, Haryana 122001, India

Registration Number: 1967
10, 11th Floor, Tower 1, 100, Ambassador Road, Sector 15, Gurgaon, Haryana 122001, India

Customer Service Centre
100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Customer Service Centre
100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

HDFC ERGO General Insurance Company Limited

Certifying all Insurance cover Policy Schedule

Policy No. 315420715474400000

Employee Compensation Insurance



Insured Name	FLOWMORE LIMITED - ANACF3ERN	Business	OTHERS
Correspondence Address	BLOCK B VIDHYA VIHAR PHASE - 2 DEHRADUN DOUGLASS ROAD PATTHARDAH DEHRADUN DEHRADUN UTTARAKHAND 248001 DEHRADUN UTTARAKHAND INDIA		
Mobile	Phone	E-Mail	Policy Insurance Date
		VRKASE7@FLOWMORE.COM	05/02/2025
Period of Insurance	From Date & Time	To Date & Time	
	05/02/2025 00:01 AM	04/02/2026 00:00 AM	

LAW

The Policy covers Liabilities of the Insured under the following Law(s) shown as covered, subject to claim being otherwise admissible as per terms, conditions and exclusions of the Policy and subject to Limit of Indemnity as stipulated against each Law

Sl. No.	Law	Limit of Indemnity
a.	Employee's Compensation Act, 1923 and subsequent amendments thereof prior to the date of issue of this Policy	Subject otherwise to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured
b.	Common Law	Subject otherwise to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured, but not exceeding:- a) Limit Per Employee for any number of accidents during Period of Insurance - T is as per actuals b) Limit Per Accident for any number of Employees - T is as per actuals c) Aggregate Limit for all accidents and claims arising there from during the Period of Insurance - T is as per actuals

80-19-0000

315420715474400000

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HDFC ERGO General Insurance Company Limited (Formerly known as General Insurance Company)
Registered & Corporate Office: 100, Park Road, Sector-10, Gurgaon, Haryana-122001
Customer Service Helpline: 1800-102-0000 (Toll Free) / 012-421-1000 (Local)
Email: claims@hdfcergo.com / info@hdfcergo.com
Website: www.hdfcergo.com

HDFC ERGO General Insurance Company Limited

Details of Employees Covered

Description of work done by Employees	Declared Number of Employees	Declared Wages during the Period of Insurance	Place/Places of Employment
Electricity, All employees made and not made	80	2708000.00	TENDER #B NO. P-1408PT001/ 2022/23 132KV GAS SUBSTATIONS CONSTRUCTION OF 132KV (244 MW) GAS SUBSTATION DHULAKHERA, NAWATA, TENDER #B NO. P-1408PT001/ 2022/23 132KV GAS SUBSTATIONS CONSTRUCTION OF 132KV (244 MW) GAS SUBSTATION ARACHAR, DEHRADUN, TENDER #B NO. P-1408PT001/ 2022/23 132KV GAS SUBSTATIONS CONSTRUCTION OF 132KV (244 MW) GAS SUBSTATION KOTMAH, NAGAR, TENDER #B NO. P-1408PT001/ 2022/23 132KV GAS SUBSTATIONS CONSTRUCTION OF 132KV (244 MW) GAS SUBSTATION LITHMOHAT, CHAMPAWAT
Electricity, All employees made and not made	120	2180000.00	TENDER #B NO. P-1408PT001/ 2022/23 132KV GAS SUBSTATIONS CONSTRUCTION OF 132KV (244 MW) GAS SUBSTATION DHULAKHERA, NAWATA, TENDER #B NO.

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HDFC ERGO General Insurance Company Limited
Registered & Corporate Office
HDFC ERGO Tower, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 21

HDFC ERGO General Insurance Company Limited

			R. JAGDEEPICUJ/ 2000029-132KV GIS SUBSTATIONS CONSTRUCTION OF 132KV (240 MVA) GIS SUBSTATION ANAGHAN, GOHADGAN, TENDER #11 NO. R. JAGDEEPICUJ/ 2000029-132KV GIS SUBSTATIONS CONSTRUCTION OF 132KV (240 MVA) GIS SUBSTATION KHATWA-8, US NAGAN, TENDER #11 NO. R. JAGDEEPICUJ/ 2000029-132KV GIS SUBSTATIONS CONSTR UCTION OF 132KV (240 MVA) GIS SUBSTATION LADAGHAT, CHAMUNGAN/
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Premium Details (₹)

Basic Premium	21854.00
Integrated Tax 10%	2185.40
Total Premium	24039.40
GST Registration No- 07AABCO3046N1DA. The contract will be cancelled at once in case, the consideration under the policy is not realized.	

I/We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the
 aggregate turnover notified under sub rule (4) of rule 45, we are not required to prepare an invoice in terms of the provisions of
 the said sub rule.

This is with reference to the KYC rules prescribed by the Authority, wherein this policy is being issued relying on the
 undertaking / power of attorney / letter of authorization / Board resolution provided by the authorized signatory of your Entity.
 Should the signatory be not authorized to provide such a declaration, please inform the Company within 15 days from the date
 of receipt of this policy.

List of Endorsements

Endt No	Description	Effective Date
001	Occupational Disease Endorsement Conditions For injury caused to Employees by accident directly or indirectly caused by or arising from or in	25 February 2020

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3114201104TAXES0000

Head Office: 100, Connaught Place, New Delhi - 110028, India. Contact details: 011-26111111

Regional Office: 100, Connaught Place, New Delhi - 110028, India. Contact details: 011-26111111

Branch Office: 100, Connaught Place, New Delhi - 110028, India. Contact details: 011-26111111

Head Office: 100, Connaught Place, New Delhi - 110028, India. Contact details: 011-26111111

Regional Office: 100, Connaught Place, New Delhi - 110028, India. Contact details: 011-26111111

Branch Office: 100, Connaught Place, New Delhi - 110028, India. Contact details: 011-26111111

Annexure 4:- Public Consultation
4.1 Selaqui From Jan 2025 to July 2025





PUBLIC CONSULTATION FORM
 Uttarakhand Climate Resilient Power System Development Project (PTCUL)
 Funded By Asian Development Bank, (Loan no. : 4402)

Name Of Project	Construction of 220/33 kV GIS Substation Selaqui, Dehradun
Location Of Public Consultation	Selaqui, Dehradun
Date Of Public Consultation	25/05/25

Topics Discussed With Participants:-

- परिचय तथा अवलोकन: बिजली सबस्टेशन का उद्देश्य, स्थान और लाभ।
- समयरेखा: अपेक्षित निर्माण अवधि और कार्य चरण।
- संभावित प्रभाव: शोर, धूल, यातायात व्यवधान और पर्यावरण सुरक्षा उपाय।
- रास्ता उपाय: असुविधाओं को कम करने के लिए कदम (जैसे, अवरोध, धूल नियंत्रण)।
- रोजगार के अवसर: अनुयायन/कृषाल श्रमिकों के लिए स्थानीय भर्ती प्राथमिकताएँ।
- शिकायत निवारण: शिकायत कैसे दर्ज करें (जीआरएम अधिकारियों के साथ)।
- प्रशिक्षण सत्र: भूमि उपयोग, सुरक्षा और दीर्घकालिक लाभों पर प्रशिक्षण को संबोधित किया गया।

Attendance and Signature Sheet Of Participants:-

Sr. No.	Name Of Person	Occupation	Mob. No.	Address	Signature
1	Rakesh Singh	Shopkeeper	901202355	Wala, Selaqui, Dehradun	[Signature]
2	Rajendra	"	901202355	Wala, Selaqui, Dehradun	[Signature]
3	Shri. Ramesh	"	901202355	Wala, Selaqui, Dehradun	[Signature]
4	Shri. Ramesh	"	901202355	Wala, Selaqui, Dehradun	[Signature]
5	Shri. Ramesh	"	901202355	Wala, Selaqui, Dehradun	[Signature]
6	Shri. Ramesh	"	901202355	Wala, Selaqui, Dehradun	[Signature]
7	Shri. Ramesh	"	901202355	Wala, Selaqui, Dehradun	[Signature]
8					
9					
10					







4.2 Araghar
to June 2025

From Jan 2025



PUBLIC CONSULTATION

Uttarakhand Climate Resilient Power System Development Project (PTCUL)
Funded By Asian Development Bank, (Loan no: -4402)

Name of Project	132/93 KV GIS Substation Araghar
Location of Public Consultation	Araghar, U.P.
Date of Public Consultation	18/01/2025

Discussion with Participants:

- अच्छे तक विभिन्न श्रेणियों के कोई सदस्य नहीं हुआ है, क्योंकि स्वयंसेवक और सुरक्षा और पर्यावरण के लिए सभी सुरक्षा नियमों का पालन करती है,
- कंपनी के सभी कार्यों में / विशेष परामर्श / स्थानीय समुदाय के साथ समीक्षा सेवाएं हैं जो हैं ताकि सभी स्थानीय सेवाओं को प्राप्त और सम्मान करते हैं,
- कंपनी / विभाग के उदाहरणों की अधिकतम संख्याओं को सुरक्षा उपकरणों को ध्यान में रखते हैं जो सभी लोगों से मिली होती है,
- असहज परामर्शों से जो अधिकतम संख्याओं के निर्माण को सम्मानित कर काम किया है,

Attendance and Signature Sheet of Participant:

S.No.	Name of Person	Occupation	Mob. No.	Address	Signature
1.	Pragati Singh	Shop	1199337877	249 Madhwa	[Signature]
2.	Krishna Singh	Farmer	7483322777	249 Madhwa	[Signature]
3.	Deep Singh	Farmer	981161100	249 Madhwa	[Signature]
4.	Manoj Singh	Farmer	981161100	249 Madhwa	[Signature]
5.	Ankur Singh	Govt Job	941153766	249 Madhwa	[Signature]
6.	Manoj Singh	Govt Job	838826777	249 Madhwa	[Signature]
7.					
8.					
9.					
10.					

[Signature]

[Signature]

Aldino Kaurin
Safety officer
Please more work





PUBLIC CONSULTATION FORM

Uttarakhand Climate Resilient Power System Development Project (PTCUL)

Funded By Asian Development Bank, (Loan no. :- 4402)



Name Of Project	Construction of 132/33 kV GS Substation Araghac, Dehradun
Location Of Public Consultation	Araghac, Dehradun
Date Of Public Consultation	29/05/2018

Topics Discussed with Participants:-

- परिचयना अवलोकन: विजली सबस्टेशन का उद्देश्य, स्थान और लाभ।
- समयरेखा: अपेक्षित निर्माण अवधि और कार्य षट्टे।
- संभावित प्रभाव: शोर, धूल, यातायात व्यवधान और पर्यावरण सुरक्षा उपाय।
- शमन उपाय: असुविधाओं को कम करने के लिए कदम (जैसे, अवरोध, धूल नियंत्रण)।
- रोजगार के अवसर: अकुशल/पुनर्वासियों के लिए स्थानीय भर्ती प्राथमिकताएँ।
- शिकायत निवारण: शिकायत कैसे दर्ज करें (जीआरएम अधिकारियों के संपर्क विवरण)।
- प्रशिक्षण सब: भूमि उपयोग, सुरक्षा और दीर्घकालिक लाभों पर प्रश्नों को संबोधित किया गया।

Attendance and Signature Sheet of Participants:-

S.N	Name Of Person	Occupation	Mob. No.	Address	Signature
0					
1	Neetu	Job	8471977118	SPRINGER ROAD	[Signature]
2	ASHISH	Job	8449365448	"	[Signature]
3	ANIL	Job	9837265157	18 BARABEEB	[Signature]
4	ROHIT	Job	9967889210	reg. Araghac Road	[Signature]
5	MANISH	Job	9879965000	DEPTURDUM	[Signature]
6	Rishi	Job	6396575095	Top Dehradun	[Signature]
7	Manish Singh	Job	9445411414	Araghac	[Signature]
8	VISHAY SINGH	Job		reg. Araghac	[Signature]
9					
10					





4.3
Jan 2025 to



Dhaulakhara
June 2025

PUBLIC CONSULTATION

Consultation and Up gradation of existing public private partnership in power transmission
Department of Urban and Rural (DURP)

Name of Project	133KV to 11KV Dhaulakhara		
Location of Public Consultation	RPOD, 1st Floor, 1st Floor, 1st Floor		
Date of Public Consultation	21/01/2025		

Attendance and Signature Sheet of Participant:

S.No.	Name of Person	Occupation	Residence	Address	Signature	Remarks
1.	Dharmendra	Farmer	m	Dhaulakhara	[Signature]	
2.	Omendra	Farmer	m	Dhaulakhara	[Signature]	
3.	Omendra	Farmer	m	Dhaulakhara	[Signature]	
4.	Arjun Kumar	Farmer	m	Dhaulakhara	[Signature]	
5.	Narain	Farmer	m	Dhaulakhara	[Signature]	
6.	Narain	Farmer	m	Dhaulakhara	[Signature]	
7.	Ganesh	Farmer	m	Dhaulakhara	[Signature]	
8.	Raja	Farmer	m	Dhaulakhara	[Signature]	
9.						
10.						

Discussion With Participants:-

There are no pollution made by construction activity till now company following all the safety measures for health safety and environment.

All the company employees labours are live with health relation with villagers local community and people.

Dharmendra
Safety Officer

Arjun Kumar
(Manager Project)



PUBLIC CONSULTATION

Renovation and Up-gradation of promoting public private partnership in power transmission
Corporation of Uttarakhand Limited (PTCL)

Name of Project	132KV by line no. 10, Dhaurkot
Location of Public Consultation	Near Pithoragarh District
Date of Public Consultation	01/03/25

Attendance and Signature Sheet of Participant:-

S. No	Name of Person	Occupation	Sex	Age	Address	Signature	
1.	Harish	Farmer	M		Bachanpur	[Signature]	9758121053
2.	Harish	Farmer	M		Bachanpur	[Signature]	9758121053
3.	Harish	Farmer	M		Bachanpur	[Signature]	9758121053
4.	Harish	Farmer	M		Bachanpur	[Signature]	9758121053
5.	Harish	Farmer	M		Bachanpur	[Signature]	9758121053
6.	Harish	Farmer	M		Bachanpur	[Signature]	9758121053
7.							
8.							
9.							
10.							

Discussion With Participants:-

- * 01/03/2025 को साविकीय बैठक में निम्नलिखित बिंदुओं पर चर्चा की गई कि नए प्रोजेक्ट्स आसपास के निवासी के हितों को ध्यान में रखकर नहीं होगा।
- * लोगों की समस्या को देखी
- * नए प्रोजेक्ट्स निवासी के लिए किसी भी प्रकार का नुकसान नहीं होगा जिसका कारण

Dheeraj
Safety Officer

PUBLIC CONSULTATION

Sustentation and Up gradation of powering public private partnership in power transmission
Department of Uttarakhand Limited (PCLU)

Name of Project	UPPSK to 11KV at Ghastolhara
Location of Public Consultation	Chakraborty
Date of Public Consultation	01/04/25

Attendance and Signature Sheet of Participant

S. No	Name of Person	Occupation	Sex/Age	Address	Signature	
1.	Ramendra	Farmer	M	Chakraborty	[Signature]	9411549615
2.	Lata Ram	Hostess	M	"	[Signature]	9169722144
3.	Chaitan	driver	M	"	[Signature]	
4.	Abhishek	Student	M	"	[Signature]	
5.	Pankaj	Shopkeeper	M	"	[Signature]	82665988
6.	Ujjwal		M	"	[Signature]	91079440
7.	Ujjwal Singh		M	"	[Signature]	9755
8.						
9.						
10.						

Discussion With Participants:-

- * अब तक निर्माण गतिविधि में कोई प्रतिकूल नहीं हुआ है, कंपनी स्वास्थ्य और सुरक्षा परीक्षण के लिए सभी उपयुक्त उपायों का पालन करती है।
- * कंपनी के सभी कर्मचारी / अधिकृत अधिकारियों / स्थानीय समुदाय के साथ अच्छे संबंध में रहते हैं। तथा उनकी स्थानीय संस्कृति का पालन और सम्मान करते हैं।
- * स्थानीय अधिकारियों ने कोऑर्डिनेट सहकारिता के निर्माण में सहयोग का वादा किया है।

[Signature]
Safety Officer



PUBLIC CONSULTATION

Rehabilitation and Up-gradation of existing public private partnership in power transmission
Corporation of Uttaranchal Limited (PTCL)

Name of Project	122/123 KV lines of Chakraborty
Location of Public Consultation	Village - Cochipur
Date of Public Consultation	11/05/12

Attendance and Signature Sheet of Participant:-

S. No.	Name of Person	Occupation	Sex/Age	Address	Signature
1.	Utt	Self	M/55	178, Baram, H.P.	[Signature]
2.	Rakesh	Helper	male	Cochipur	[Signature]
3.	Suraj	Helper	male	"	[Signature]
4.	Ankit	Helper	male	"	[Signature]
5.	[Name]	Self	male	"	[Signature]
6.	Rajesh		male	"	[Signature]
7.	Rohad		male	"	[Signature]
8.	Rohad	Assistant	male	"	[Signature]
9.					

Discussion With Participants:

- कंपनी निर्माण ने 122/123 केवी लाइन्स अवरोधन की सुविधा उपलब्ध करने के लिए सभी लोगों से चर्चा की है।
- अब वह निर्माण-प्रक्रिया में कोई प्रवृत्ति नहीं है। कंपनी उत्तम और सुरक्षा और पर्यावरण के लिए सभी सुरक्षा उपायों का पालन करेगी है।
- स्थानीय गांधीजी ने जिनकी सहायता के निर्माण में सहयोग का वादा किया है।





PUBLIC CONSULTATION FORM



Uttarakhand Climate Resilient Power System Development Project (PTCUL)

Funded By Asian Development Bank, (Loan no. :- 4402)

Name Of Project	Construction of 132/33 KV GIS Substation Dhaulakhera
Location Of Public Consultation	Padlipur, Boshchipur village.
Date Of Public Consultation	06/06/2025

Topics Discussed with Participants:-

- परियोजना अवलोकन, बिजली सबस्टेशन का उद्देश्य, स्थान और लाभ।
- समयरेखा, अपेक्षित निर्माण अवधि और कार्य षट्टि।
- संभावित प्रभाव, शोर, धूल, यातायात व्यवधान और पर्यावरण सुरक्षा उपाय।
- ख़मन उपाय, असुविधाओं को कम करने के लिए कदम (जैसे, अवरोध, धूल नियंत्रण)।
- रोजगार के अवसर, अकुशल/कृशल श्रमिकों के लिए स्थानीय भर्ती प्राथमिकताएँ।
- शिकायत निवारण: शिकायत कैसे दर्ज करें (जीआरएम अधिकारियों के संपर्क विवरण)।
- प्रशिक्षण, स्व. भूमि उपयोग, सुरक्षा और दीर्घकालिक लाभों पर प्रश्नों को संबोधित किया गया।

Attendance and Signature Sheet of Participants:-

S.no	Name Of Person	Occupation	Mob. No.	Address	Signature
1	विजयलाल जोशी	इलाक़ा	0477891025	पासीपुर	
2	विनेश जोशी	दुकानदार	9410714475	पासीपुर	
3	अशोक	कृषि	7217441110	पासीपुर	
4	मनोज	दुकानदार	7505482525	पासीपुर	
5	रविशंकर	दुकानदार	9557159885	पासीपुर	
6	सुनील	दुकानदार	9557159885	पासीपुर	
7					
8					



Signature
Date

4.4 Lohaghat (Jan 2025 - June 2025)

PUBLIC CONSULTATION
"Interconnected Climate Resilient Power System Development Project"

NAME OF PROJECT	152/53 K. C. G. S.
LOCATION OF CONSULTATION	Dubli - Lohaghat
DATE	21-21-2023

Attendance Sheet of Participants:

S.N.	NAME OF PERSON	OCCUPATION	SEX/AGE	ADDRESS	SIGNATURE	CONTACT NO.
1.	Dipak Paul Bhusari	M/35	Chalghat	75	988160338	
2.	Hemant Paul Bhusari	M/35	Chalghat	164	988160338	
3.	Amresh	Driver	M/25	Dubli	75	988160338
4.	Geetha K. Sarker	M/30	Dubli	35	988160338	
5.	Agarwal Bhusari	M/35	Kolligan	51788	988160338	

DISCUSS WITH PARTICIPANT:

1. There are no pollution made by Construction Activity till now.
2. Confing / Expertise representation discussed all the benefits of water construction sub-urban.
3. The Local Village Promised to cooperate with us.

Date: 21-21-2023





PUBLIC CONSULTATION WITH LOCAL VILLAGERS

132/33 KV DIS LOHAGHAT



Date:-27/03/25



PUBLIC CONSULTATION

"Uttarakhand Climate Resilient Power system Development Project"

NAME OF PROJECT	132/33 KV GDS Lehighat
LOCATION OF CONSULTATION	Lehighat, Dairly, mailkura
DATE	01/05/2025

Attendance Sheet of Participant:-

S.N	NAME OF PERSON	OCCUPATION	SEX/AGE	ADDRESS	SIGNATURE	CONTACT NO.
1	Paras Chandra	Retired (Municipality)	M/71	Chauri Rai		9627590671
2	Mohan Rai	Farmer	M/60	Chauri Rai		2194067798
3	Vinod Kauri	Driver	M/48	Chauri Rai		9192133695
4	Anwar Singh	Driver	M/32	Chauri Rai		7830793504
5	Gurpreet	Dairies	M/28	Lehighat (Bhola)		7525011678
6	Laloo	Worker	M/30	Lehighat		9520560836



DISCUSS WITH PARTICIPANT:-

भागीदारी संस्था/निर्माता को गांवियों ने बताया कि उसी एक
 जे कंपनी का कार्यवाही/अधिकार कार्य कर रहे हैं जो बहुत बड़ा बिज
 निष्ठाप के साथ रह रहे हैं और सम्बंधित लोगों का सम्बंध बंधे हैं।
 गांवियों लोगों ने कार्य क्षेत्र से यह रही पुन वह पानी का दिक्कत
 दिन में दो बार किया जा रहा है। लोको ज्यादा पुन न रहे।
 भागीदारी संस्था/निर्माता के लोगों ने गांवियों को 132/33
 के ली उपकरण के पैसे को लो।
 गांवियों ने बताया कि 132/33 के ली बिजुत उपकरण का
 कार्य बहुत लंबी हो चला रहा है।

PUBLIC CONSULTATION

"Uttarakhand Climate Resilient Power system Development Project"

NAME OF PROJECT	132/55 KV GBS Lalaghat
LOCATION OF CONSULTATION	Dafiy village, Lalaghat
DATE	27/03/2025

Attendance Sheet of Participant:-

S.N	NAME OF PERSON	OCCUPATION	SEX/AGE	ADDRESS	SIGNATURE	CONTACT NO.
1	Jagan Ram	विद्युत	m/41	डेली	[Signature]	871812240
2	Narash Kr.	विद्युत	m/59	डेली	[Signature]	871812240
3	Krishna Prasad	विद्युत	m/52	डेली	[Signature]	
4	Mukesh Kr.	विद्युत	m/38	डेली	[Signature]	
5	Prem Ram	विद्युत	m/74	डेली		
6	Dipa Devi	गृहिणी	F/35	डेली	[Signature]	
7	Kiran Devi	गृहिणी	F/33	डेली	[Signature]	

DISCUSS WITH PARTICIPANT:

1. कार्यदात्री संस्था / विभाजन के लोगों ने गुणवत्ता डेली के लोगों को 132/55 केवी बिजुल उपस्थापन के कार्य में मदद की।
2. ग्रामीण लोगों ने बताया कि कार्य क्षेत्र में डेली के पास पानी का डिस्ट्रीब्यूशन दिन के ठंडे वार (शुष्क) धारा है परंतु शुष्क दिनों में ज्यादा वार डिस्ट्रीब्यूशन बिना पानी का ज्यादा धारा में डेली।
3. ग्रामीण ने बताया कि अभी तक डेली कंपनी का कार्यवाही कारगर कार्य कर रहे हैं जो बहुत बिजुल डेली के और ग्रामीण लोगों का सम्मान करते हैं।





PUBLIC CONSULTATION FORM

Uttarakhand Climate Resilient Power System Development Project (PTCUL)

Funded By Asian Development Bank, (Loan no. : 4402)



Name Of Project	Construction of 132/33 kV GIS Substation Lohaghat
Location Of Public Consultation	Lohaghat, Champawat
Date Of Public Consultation	16/06/2025

Topics Discussed with Participants :-

- परिचयना अवलोकन: बिजली सबस्टेशन का उद्देश्य, स्थान और लाभ।
- समयरेखा: अपेक्षित निर्माण अवधि और कार्य षट्टे।
- संभावित प्रभाव: शोर, धूल, वातावरण का प्रदूषण और पर्यावरण सुरक्षा उपाय।
- समय उपचार: असुविधाओं को कम करने के लिए कदम (जैसे, अवरोध, धूल नियंत्रण)।
- रोजगार के अवसर: अकुशल/कुशल श्रमिकों के लिए स्थानीय भर्ती प्राथमिकताएं।
- शिकायत निवारण: शिकायत कैसे दर्ज करें (जीआरएम अधिकारियों के संपर्क विवरण)।
- प्रश्रुत राज: भूमि उपयोग, सुरक्षा और दीर्घकालिक लाभों पर प्रश्नों को संबोधित किया गया।

Attendance and Signature Sheet of Participants :-

S. n	Name Of Person	Occupation	Mob. No.	Address	Signature
0					
1	Atul Rai	Student	8953111323	Lohaghat	[Signature]
2	Virendra Rai	Student		Lohaghat	[Signature]
3	Pankaj Rai	Shapthapur		Kaligawan	[Signature]
4	Jeevan Ram	Farmer	8131812242	Dhulely	[Signature]
5	Ankur Rai	Farmer	8199067748	Chaurai Rai	[Signature]
6	Hemant Rai	Farmer	9761092111	Chaurai Rai	[Signature]
7					
8					
9					
10					





**PUBLIC CONSULTATION AT DAISLY VILLAGE OF
LOHAGHAT 16/06/2025**



4.5 Khatima (Jan 2025 - June 2025)





PUBLIC CONSULTATION

Rehabilitation and Up-gradation of promoting public private partnership in power transmission Corporation of Uttarakhand Limited (PTCCL)

Name of Project	132/135 KV GIS Substation, Khatima
Location of Public Consultation	Khatima-2 (U.S. Nagar)
Date of Public Consultation	18/01/2025

Attendance and Signature Sheet of Participant:-

S. No	Name of Person	Occupation	Sex/Age	Address	Signature
1.	Hari Singh	Business	26	Khatima	[Signature]
2.	Bhaskar Singh	Student	25	"	[Signature]
3.	Gurpreet Singh	Student	24	"	[Signature]
4.	Bhaskar Singh	Business	50	Khatima	[Signature]
5.	Bhaskar Singh	Business	40	"	[Signature]
6.	Rajesh Singh	"	34	"	[Signature]
7.	Datta Singh	"	20	Khatima	[Signature]
8.	Suresh Singh	"	33	"	[Signature]
9.	Harish Singh	"	20	"	[Signature]
10.	U.S. Singh	"	57	"	[Signature]

Discussion With Participants:-

Public Consultation meeting conducted on 18/01/2025 and following point discuss.

- * There will be no wastage material dump in near by area.
- * There will be no any pollution create during building construction.
- * There will be no dirty water dropping at near by colony from
- * All the Company Employee are live with healthy relation with villagers and local community.

[Signature]
For PTCCL

[Signature]
For PTCCL

[Signature]
For PTCCL





PUBLIC CONSULTATION

Uttarakhand Climate Resilient Power System Development Project (PTCUL)
Funded By Asian Development Bank, (Loan No. - 4402)



Name of Project	132/22 kV D/S Substation, Bhalera
Location of Public Consultation	Bhalera, N
Date of Public Consultation	15/05/25

Discussion With Participants:

किसी भी ऊर्जा से पानी कि विकास की इच्छा
होना कि चाहे -

① यदि 2:14 ई मशी छोड़ पानी तथा करीब का
पानी का विकास वास समुदाय से होगा माल
और विकास है इसी कड़ी पर लेने है पानी
हवा बना हुआ है इसी विकास का इच्छा
नाना करमर लगाए किता लावे -

② 10 निर्मित विकास से ऊर्जा बहुत महत्वपूर्ण है विशेष हमारे
पापनी गरी है परन्तु को का पानी के विकास का परत से
परत विकास बना रहा

Attendance and Signature Sheet of Participants:

S.No.	Name of Person	Occupation	Mobile No.	Address	Signature
1.	उमेश शर्मा	गणपत मशीन	911719128	दुर्गेश्वर	Umesh
2.	जोशी विद्या	गणपत	911719128	वा 7/19	विद्या
3.	विजय शर्मा	गणपत	880226780		विजय
4.					
5.					
6.					
7.					
8.					
9.					
10.					

Omish
Manshi Sharma





Uttarakhand Climate Resilient Power System Development Project (PTCUL)
Funded By Asian Development Bank, (Loan no: - 4602)

Challenges With Pathogens:

- Attendance and Signature Sheet of Participants

S.No.	Name of Person	Occupation	Mob. No.	Address	Signature
1.	Manoj Singh	Student	9787614008	Padayga	<i>Shub</i>
2.	Jayashree Jaiswal	"	6336481031	"	<i>Jayashree</i>
3.	Manoj Singh Nitin Singh	"	950579826	"	<i>Nitin</i>
4.	Manoj Singh	Business	961305654	"	<i>Manoj</i>
5.	Dipak Dora	"	9797473444	"	<i>Dipak</i>
6.	Manoj	"	"	"	<i>Manoj</i>
7.	Kamlesh	"	"	"	<i>Kamlesh</i>
8.					
9.					
10.					





Uttarakhand Climate Resilient Power System Development Project (PTCUL)
Funded By Asian Development Bank, (Loan no: - 4402)

Debra Ann Veltz, PhD, is a professor of psychology at the University of North Carolina at Charlotte.

4. जब निर्दोश निवासी घर निर्माण करते हैं तब उनके कि से इस है। कि निर्माण घर बहुत सुखी है प्रकृत स्वच्छता के क्षेत्र में कि अवस्थापनी गंगा है निर्माण बालेनी का पानी निम्नलिखित है उर्ध्व स्थायी कच्चे कि स्तर को फिर से धाने जाने अर्थात् कि निर्माण प्रकृत कि निर्माण का स्तर बना कर पानी परे।
5. अवस्थापनी के सभी कार्यपरी निर्माण अवस्थापनी में है उर्ध्व में अवस्थापनी के अर्थात् अर्थात् कि निर्माण घर निर्माण अवस्थापनी-संस्था पर निर्माण रखे है।

Attention and Nervous System of Portuguese:

S. No.	Name of Member	Occupation	Mobile No.	Address	Signature
1.	जयशंकर शर्मा	कृषक	9354424046	गाँव, ज. 19	[Signature]
2.	जयशंकर शर्मा	कृषक	9354424046	धरमगा	[Signature]
3.	जयशंकर शर्मा	कृषक	9354424046	"	[Signature]
4.	जयशंकर शर्मा	कृषक	9354424046	"	[Signature]
5.	जयशंकर शर्मा	कृषक	9354424046	"	[Signature]
6.	जयशंकर शर्मा	कृषक	9354424046	"	[Signature]
7.					
8.					
9.					
10.					



Public Consultation at 33°33' 40.5" N, 40° 5' 40.5" E
Date: 28/05/2024



Handwritten signature










Annexure 5.1 Selaqui (Jan 2025 - Jun 2025)



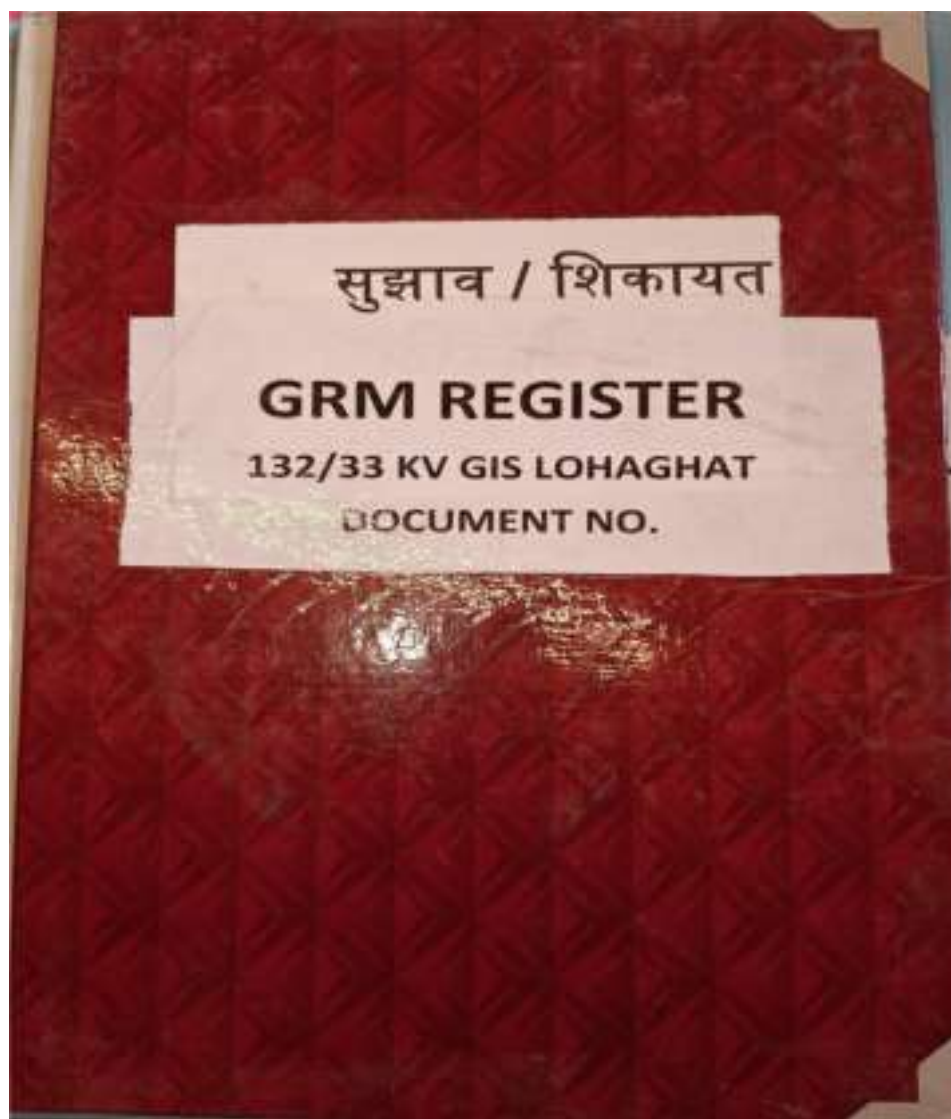
Araghar 5.2 (Jan 2025 - July 2025)



Date _____					Time _____				
Name of Institution _____					Name of Teacher _____				
Title of the Project _____					Name of Client _____				
Sl. No.	Date of	Time of	Date of	Time of	Sl. No.	Date of	Time of	Date of	Time of
1	_____	_____	_____	_____	1	_____	_____	_____	_____
2	_____	_____	_____	_____	2	_____	_____	_____	_____
3	_____	_____	_____	_____	3	_____	_____	_____	_____
4	_____	_____	_____	_____	4	_____	_____	_____	_____
5	_____	_____	_____	_____	5	_____	_____	_____	_____
6	_____	_____	_____	_____	6	_____	_____	_____	_____
7	_____	_____	_____	_____	7	_____	_____	_____	_____
8	_____	_____	_____	_____	8	_____	_____	_____	_____
9	_____	_____	_____	_____	9	_____	_____	_____	_____
10	_____	_____	_____	_____	10	_____	_____	_____	_____

Name of Center - M.D. Dhaman, D.D.					Name of Site - Longtin - 100/11, St. Ques, Abundant				
Name of Officer - M.D. Dhaman, D.D.					Name of Officer - M.D. Dhaman, D.D.				
S. No.	Name of Complaint	Type of Complaint	Subject of Complaint	Name of Plaintiff	Subject No. of Complaint	Category of Complaint	Action Taken	Status of Complaint	Name of Officer
Complaints this month									
There were no									

5.4 Lohaghat (Jan 2025 - Jun 2025)



13/10/14 AV GDS (13/10/14/14)
 Governance Registration form

for L.M. 16/11 - for Inquiry PTOU PRESENTING
 Committee to the
 for Inquiry Committee L.M. 16/11/14

S.N.	Date of Complaint	Type of Complaint	Date/Path Received	Name of Plaintiff	Indicative Summary of Plaintiff's Complaint	Action Taken	Status of Complaint	Notes/Comments
1	June 14	NIL						
	July 14	NIL						
	August 14	NIL						
	Sept 14	NIL						
	OCT 14	NIL						
	NOV 14	NIL						
	Dec 14	NIL						
	Jan 15	NIL						
	FEB 15	to G.M.						
	MARCH 15	to G.M.						
	APRIL 15	to G.M.						
	MAY 15	to G.M.						
	JUNE 15	to Plaintiff						

13/10/14



5.5 Khatima-II (Jan 2025 – June 2025)

Annexure 6 : Safety Sign Boards / Safety Barricades At Site
6.1 Selaqui (Jan 2025- Jun 2025)



6.2 Araghar (Jan 2025-Jun 2025)





Labours equipped with proper safety gear



6.3 Dhaulakhera (From Jan 2025- Jun 2025)



6.4 Lohaghat (Jan 2025- Jun 2025)



6.5 Khatima-II(Jan 2025 - Jun 2025)



Annexure 7 : Training At Site
7.1 Selaqui (Jan 2025 - Jun 2025)

Emergency and Safety Training		Document No.	Revision	
		Issue No.	Rev.	Rev. No.
		Issue Date	Rev.	Date
		Page No.	1	
Project Name / Location		20KV KV Line 5th Semaui		
Issued to (Contract Agency)		Economic Ltd		
Issued for		Item No. 14.25		
Issued by		Ravi Kumar / Inspector Safety Officer		
Topic covered		Fire Training		
OSD Priority		Topic & Items		
Emergency Preparedness (assembly point, evacuation process, contact person, etc.)		Incident reporting (dentistry, new area, test time)		
Hazard & remediation		Working at height		
Personal protective equipment (PPE)		Hot work (welding, cutting, grinding)		
Lifting equipment		Fire fighting		
Block and		Electrical safety		
Other		Confined		
Other		Other		
S. No.	Name	Designation	Signature	
1	Rohit	L	[Signature]	
2	Rohit	L	[Signature]	
3	Sabin ali	M	[Signature]	
4	Praveen	M	[Signature]	
5	Rohit	L	[Signature]	
6	Arvind	L	[Signature]	
7	Rajesh	H	[Signature]	
8	Naseem	M	[Signature]	
9	Vijay	M	[Signature]	
10	Vijay	H	[Signature]	
11	Anish	M	[Signature]	
12				
13				
14				
15				

[Signature]
14/06/25



2.000g
06.06.25



Handwritten signature
6/6/25



P. K. K. K.
15/04/25

Tool Box Talk

		TOOL BOX TALK		Document No.		Rev. No.		Rev. No.	
				Rev. No.		Rev. No.		Rev. No.	
				Rev. No.		Rev. No.		Rev. No.	
				Rev. No.		Rev. No.		Rev. No.	
Name of Site / Location		SITE/TEAM CO-ORDINATION							
Name of Company / Contract Agency		M/S. SURESH LTD							
SST given to		ISSUE SLAM							
Topic's name		R/W chattering steel binding & cutting, CRB 7.55 KV JSS Reinforcement							
Men		- Welded Mesh reinforcement - PPE (Safety helmet, Safety shoes, vest, etc.) - For body harness, Fall arrestment point, Hand power saw - Approved Health Certificate of workers - Work permit/authorization - First Aid kit - Safety Marshall/Observer - Crane & Authorization - Others							
Material		- Availability of required material - Safety material - TSP - Power tools - Others							
Red Requirements/Condition		- High Voltage (H.V.) - High - Heavy work - Other conditions not suitable for work (e.g., work in progress)							
Others		- Shoring of any kind - Workload condition - Others							
Site specific requirements/notes									
Please specify (If item A, item's Operator will be given to Labor L, Safety person O, Observer & Driver D along with the name)									
S.N	Name and Designation	Sign	S. No.	Name and Designation	Sign				
1	SHARAD KIAN S/MEN	<i>Shubh</i>	11	WAM LABOR	<i>WAM</i>				
2	LOKESH S/MEN	<i>LOKESH</i>	12	WAM LABOR	<i>WAM</i>				
3	RAJIVAR MENON	<i>RAJIVAR</i>	13	WHEEL MATRA LABOR	<i>WHEEL MATRA</i>				
4	VISHAL LABOR	<i>VISHAL</i>	14	RAJESH PATEL LABOR	<i>RAJESH PATEL</i>				
5	ANIL LABOR	<i>ANIL</i>	15	DETA LABOR	<i>DETA</i>				
6	RAHUL LABOR	<i>RAHUL</i>	16	YASH PAL LABOR	<i>YASH PAL</i>				
7	ISHAN MENON	<i>ISHAN</i>	17	DESHI KANA LABOR	<i>DESHI KANA</i>				
8	RAVI MENON	<i>RAVI</i>	18	KARAN MENON	<i>KARAN</i>				
9	VINOD LABOR	<i>VINOD</i>	19	MIRAS LOPEX LABOR	<i>MIRAS LOPEX</i>				
10	VEER SINGH LABOR	<i>VEER SINGH</i>	20	DESHI LABOR	<i>DESHI</i>				

Araghar (Jan 2025 - Jun 2025)

Environmental health & Safety Training		Document No.	104/2025	
		Issue No.	01	Rev. No.
		Issue Date		Rev. Date
		Page No.	1	
Site / Location :				
Company / Contract :				
given by :				
13233 ru Gls completion araghar				
on 15/01/2025				
Request from				
Enclosure				
No.	Name	Designation	Sign	
1	Arif Kumar	MEAN	Arif	
2	Ganesh Kumar	MEAN	Ganesh	
3	Ravi Kumar	MEAN	Ravi	
4	Sachin	MEAN	Sachin	
5	Sagar	ME	Sagar	
6	Sanjay	L	Sanjay	
7	Rajendra	L	Rajendra	
8	Ganesh Kumar	ME	Ganesh	
9	Aravind	ME	Aravind	
10	Deepak	ME	Deepak	
11	Aravind	ME	Aravind	
12	Aravind	L	Aravind	
13	Aravind	ME	Aravind	
14	Aravind	L	Aravind	
15	Aravind	ME	Aravind	
16	Aravind	ME	Aravind	
17	Aravind	MEAN	Aravind	
18	Aravind	MEAN	Aravind	
19	Aravind	MEAN	Aravind	
20	Aravind	L	Aravind	

Aravind Kumar
15/01/25

		ELECTRIC SHOCK MOCK DRELL TRAINING	
Name of Site / Location:		132KV IN GIS 546 Ambar	
Name of Company / Contract Agency:		Flowmore LTB	Date: 13/01/2025
Instruction given by:		Pankaj Kumar	Designation: Safety Officer
Topics covered:			
- सुरक्षा प्रक्रियाएँ: बिजली मोर्चे को बंद करने जैसी विद्युत आपदा स्थिति में या सुदृष्टि रूप से प्रतिक्रिया करने के लिए प्रोटोकॉल। - प्रतिक्रिया प्रोटोकॉल: किसी भी बिजली का झटका लगने पर उठना जल्दी बंद कर दिया गया के लिए कोशिश करना और देखभाल प्रदान करना शामिल है। - प्राथमिक चिकित्सा: बिजली की चोटों के लिए बुनियादी देखभाल जैसे सीपेआर और घाव का उपचार। - विद्युत सुरक्षा उपकरण: इंसुलेटेड टूलिंग और सुरक्षा कवचे जैसे गियर का उचित उपयोग। - खतरों की पहचान: संभावित विद्युत आपदाओं की पहचान, जैसे उपकरण तार या अतिवर्धित कंडक्टर।			
S. No.	Name	Designation	Sign
1	Amit	Steel fiter	Amit
2	Crouton Kumar	Steel/iron welder	Crouton Kumar
3	Crouton II	Carpenter	Crouton
4	Amit Kumar II	Carpenter	अमित कुमार
5	Amit	Carpenter	Amit
6	Sanjay	Helpar	रंजित
7	Adit	Helpar	रंजित
8	Aman	Steel fiter	Aman
9	Lalit	Helpar	Lalit Kumar
10	Mithun	Carpenter	Mithun
11	Amit	Helpar	रंजित
12	Arvi	Steel fiter	रंजित
13	Arvind	Steel fiter	Arvind
14	Arvind	Steel fiter	Arvind
15	Arvi	Helpar	रंजित

Deteksi guncan, UHT dan pemfokan fondasi
 R. Ardiyaningrum, S. Hidayat, dan R. Hidayat
 PT. PLN (Persero) PT. PLN (Persero)
 Jalan Jendral Sudirman No. 1, Jakarta 10110
 Telp. (021) 5200 1000, Fax (021) 5200 1001
 Email: ardiyaningrum@pln.co.id, hidayat@pln.co.id
 Kata Kunci: Deteksi guncan, UHT dan pemfokan fondasi

Deteksi guncan, UHT dan pemfokan fondasi
 R. Ardiyaningrum, S. Hidayat, dan R. Hidayat
 PT. PLN (Persero) PT. PLN (Persero)
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 Telp. (021) 5200 1000, Fax (021) 5200 1001
 Email: ardiyaningrum@pln.co.id, hidayat@pln.co.id
 Kata Kunci: Deteksi guncan, UHT dan pemfokan fondasi



EMERGENCY AND SAFETY TRAINING





		FIRE MOCK DRILL TRAINING	
Name of Site / Location:		132/33 KV GNB S/S Anuppur	
Name of Company / Contract Agency:		Field No: 675	Date: 13/05/2022
Individual given by:		Sanjay Kumar	Designation: CofO Officer
Topics covered:			
- आग की रोकथाम और सुरक्षा: आग के खतरों, जोखिम सूचक और निवारक उपार्यों की समझना। - अग्निशमक पत्र संशोधन: अग्निशमक पत्र के प्रकार, उपयोग और रखरखाव। - निकासी प्रक्रियाएँ: आपातकालीन निकास मार्ग, अग्निबर्ही पंक्ति और रोल-कॉल प्रक्रियाएँ। - कायर अलार्म और डिटेक्शन सिस्टम: अलार्म प्रकार, प्रतिक्रिया प्रोटोकॉल और सिस्टम रखरखाव की समझना। - अग्निशमन तकनीक: आग बुझाने के पादप, कंबल या अन्य उपकरणों का उपयोग करना। - आपातकालीन प्रतिक्रिया योजना: अग्नि आपातकालीन योजनाओं का विकास और कार्यान्वयन। - खतरनाक सामग्री प्रबंधन: ज्वलनशील या खतरनाक पदार्थों की संभालने की प्रक्रियाएँ। - कायर रिक्त और नियुक्ती अभ्यास: निकासी और प्रतिक्रिया प्रक्रियाओं का अभ्यास करना। - प्राथमिक चिकित्सा और बचाव: जलने और घोटों के लिए बुनियादी प्राथमिक चिकित्सा। - निकासक अनुपालन: स्थानीय अग्नि सुरक्षा नियमों और मानकों की समझना।			
S. No.	Name	Designation	Sign
1	Amil	Steel Eitor	Amil
2	Chaitanya Kumar	Steel Eitor/Lumber	Chaitanya Kumar
3	Chaitanya II	Carpenter	Chaitanya
4	Amil Kumar II	Carpenter	Amil Kumar
5	Amil	Carpenter	Amil
6	Sanjay	Helps	Sanjay
7	Sanjay	Helps	Sanjay
8	Amil	Steel Eitor	Amil
9	Amil	Helps	Amil
10	Amil	Carpenter	Amil
11	Amil	Helps	Amil
12	Amil	Steel Eitor	Amil
13	Amil	Steel Eitor	Amil
14	Amil	Steel Eitor	Amil
15	Amil	Helps	Amil

FIRE TRAINING & MOCK DRILL



	FIRE TRAINING	Document No.	
		Issue No.	Rev. No.
		Issue Date	Rev. Date
		Page No.	1

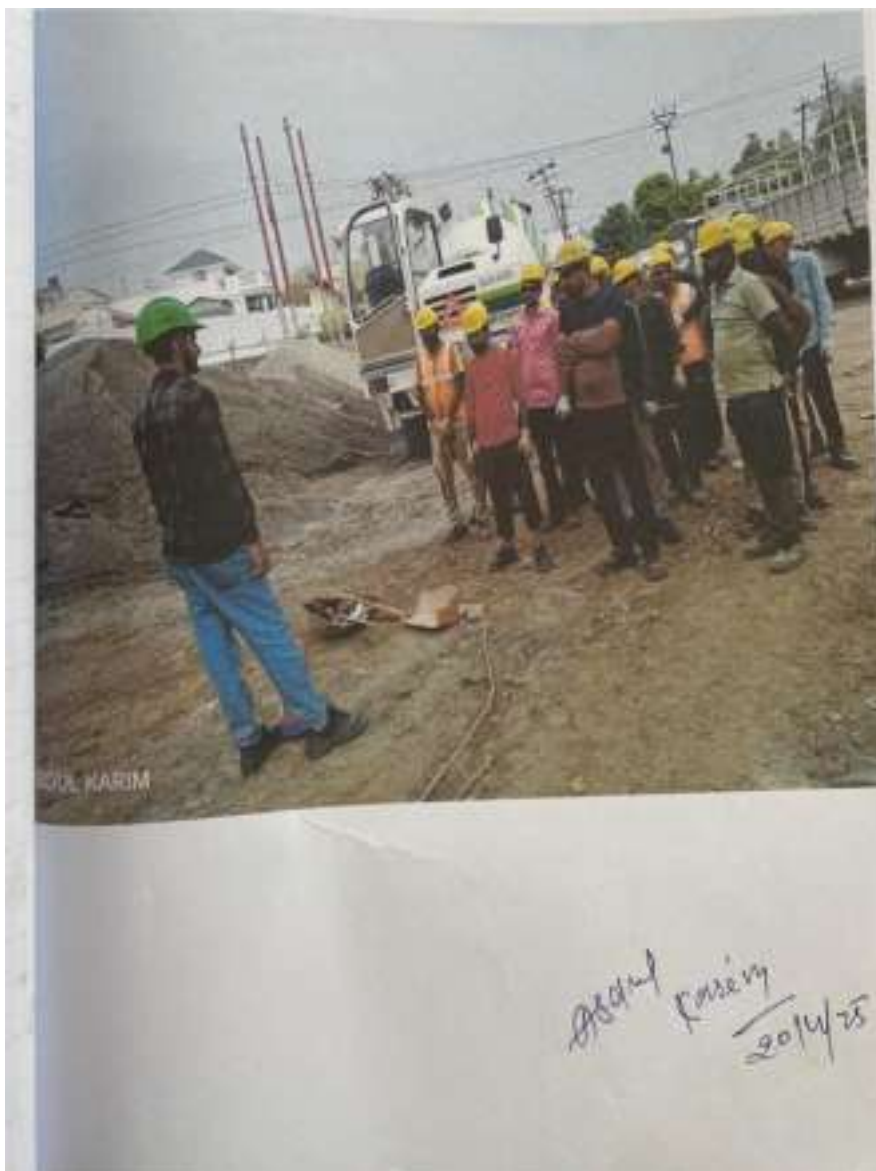
Name of Site / Location	152/263/1 City Substation, Angkor
Name of Company / Contract Agency	DTI-India / Potha Ltd Date: 23/05/2015
Selection given by	Pankaj Kumar Designation: Safety Officer

Topics covered:

- आग की रोकथाम और सुरक्षा: आग के सतर्क, खोजित सूचनाएं और निवारक उपकरणों की समझना।
- अधिकाधिक पत्र संचालन: अधिकाधिक पत्र के प्रकार, उपयोग और रखरखाव।
- निवारक प्रक्रियाएँ: अवांछनीय निवारक घर्ष, असेंबली और रोक-थाम प्रक्रियाएँ।
- फायर अलार्म और डिरेक्शन सिस्टम: अलार्म प्रकार, प्रतिक्रिया प्रोटोकॉल और डिरेक्शन रणनीति की समझना।
- अधिकाधिक तकनीक: आग बुझाने के उपकरण, केबल या अन्य उपकरणों का उपयोग करना।
- अवांछनीय प्रतिक्रिया प्रक्रिया: अग्नि अवांछनीय प्रतिक्रियाओं का निवारण और समन्वयन।
- खतरनाक सामग्री प्रबंधन: खतरनाक या खतरनाक पदार्थों की संभालने की प्रक्रियाएँ।
- फायर क्लिप और निवारण अभ्यास: निवारक और प्रतिक्रिया प्रक्रियाओं का अभ्यास करना।
- प्राथमिक शिक्षा और प्रशिक्षण: जाने और जाने के लिए बुनियादी प्रारंभिक प्रक्रियाएँ।
- निवारक अनुपस्थान: अग्नि अग्नि बुझाने और निवारक की समझना।

S. No.	Name	Designation	Sign
1	Pankaj Kumar	Supervisor	Pankaj Kumar
2	Amir	Supervisor	Amir
3	Amir	Supervisor	Amir
4	Amir	Supervisor	Amir
5	Amir	Supervisor	Amir
6	Amir	Supervisor	Amir
7	Amir	Supervisor	Amir
8	Amir	Supervisor	Amir
9	Amir	Supervisor	Amir
10	Amir	Supervisor	Amir
11	Amir	Supervisor	Amir
12	Amir	Supervisor	Amir
13	Amir	Supervisor	Amir
14	Amir	Supervisor	Amir
15	Amir	Supervisor	Amir

HEALTH & HYGIENE TRAINING		Document No.	
		Issue No.	Rev. No.
		Issue Date	Rev. Date
		Page No.	
Name of Site / Location:		132/31 HV GIS Substation, Rampur	
Name of Company / Contract Agency:		D/S Alpha / Alpha Ltd	
Induction given to:		Designation: Safety Officer	
Topics covered:			
• व्यक्तिगत स्वच्छता प्रथाएँ: हाथ धोना, स्नान करना और व्यक्तिगत सुरक्षा उपकरण (पीपीई) का उचित उपयोग। • संक्रमण नियंत्रण: संक्रमणक रोगों को समझना और उनके प्रसार को रोकना। • खाद्य सुरक्षा: उचित भोजन प्रबंधन, भंडारण और तैयारी तकनीक। • जल सुरक्षा और स्वच्छता: सुरक्षित पेयजल प्राप्त करना और उचित अवधि निगरानी। • कार्यस्थल की स्वच्छता: स्वस्थ और अव्यवस्थित कार्य वातावरण बनाए रखना। • खतरनाक पदार्थों की पहचान, संयोजन और अन्य खतरनाक स्थितियों को सुरक्षित हैंडलिंग और निपटारा। • स्वास्थ्य जोखिम और रोकथाम: संक्रमण, स्वास्थ्य जोखिम और निवारक उपायों को समझना। • प्राथमिक चिकित्सा और आपातकालीन प्रतिक्रिया: इनिफाई प्राथमिक चिकित्सा तकनीक और चिकित्सा आपात स्थिति पर प्रतिक्रिया। • टीकाकरण और प्रतिरक्षण: बीमारियों को रोकथाम में टीकाकरण का महत्व और लाभ। • स्वास्थ्य संवर्धन और कल्याण: स्वस्थ व्यवहार और जीवनशैली विकल्पों को प्रोत्साहित करना।			
S. No.	Name	Designation	Sign
1	Arjun Kumar	Carpenter	Arjun Kumar
2	Arjit	Carpenter	Arjit
3	Arjit	Carpenter	Arjit
4	Arjit	Carpenter	Arjit
5	Arjit	Steel Fitter	Arjit
6	Sahil	Helper	Sahil
7	Arman	Steel Fitter	Arman
8	Arman	Steel Fitter	Arman
9	Arman	Helper	Arman
10	Arman	Helper	Arman
11	Arman	Helper	Arman
12	Arman Kumar	Steel Fitter/Welder	Arman Kumar
13	Arman Kumar	Helper	Arman Kumar
14	Sahil Kumar	Supervisor	Sahil Kumar
15	Arman Kumar	Engineer	Arman Kumar





TOOL BOX TALK



FIRE Trainings and Mockdrills



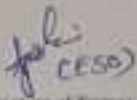
SAFETY TRAINING



ELECTRIC SHOCK MOCKDRILL

7.3 Dhaulakhera (Jan 2025- Jun 2025)

TOOL BOX TALK		Document No.	Rev. No.		
		Issue No.	01	Rev. No.	
		Issue Date		00-00-00	
		Page No.	1		
Name of Site / Location :		152/25 RV GTS N/C Dhaulakhera			
Name of Company / Contract Agency :		M/2 Poutmore Rd Date: 10/06/25			
TBT given by:					
Today's work:					
Met: - Required Man power/total - PPE: Assistance Safety - Shoes, helmet - Full body harness, Fluorescent jacket, Hard gloves etc. - Appropriate Condition of everyone - Work operation authorization - Clear all right pass - Safety Marshal/warden - Drivers & Authorization - Others		Machines: - T&P Condition - Work N/C condition - Crane rope condition - Work rope sling condition - Others			
Material: - Availability of required material - Safety material - T&P - Tools parts - Others		Method: - How the work will be executed? - History & Plan involved at each step of work - Permit to work - Others			
Site Environmental Conditions: - High temp (>40°C) - Rain - Heavy wind - Other conditions not suitable for work (work is prohibited)		Scenarios: - Emergency vehicle - Assembly Area - Rescue Hospital - RIP at site & understanding - Rescue at site - Scattered			
Others: Sharing of any past incident/loss/condition relevant to the activity to be performed					
Site specific requirements/notes:					
Please specify: (P=Foreman, W=Work Operator, WH=Helper, L=Labor, T=Traffic Warden, G=Guard, D=Driver, O=Others)					
S. No.	Name and Designation	Sign	S. No.	Name and Designation	Sign
1			11		
2			12		
3			13		
4			14		
5			15		
6			16		
7			17		
8			18		
9			19		
10			20		

HSE TRAINING MODULE	
Date / Location: Trainer & Organization: Training Topic:	TESTED BY THE SUBSTATION ENGINEER DATE: 10/06/25 <i>Shopping work</i>
Description of Training: पूरा कैंपस डेविता में कवरिंग की सुझाव और दस्तावेज पर नक्का की गई मुख्य बिन्दु: PPE का उपयोग, सामान्य की सभी दस्तावेज, जोखिमों (जखान, डहन) को पहचान और सुरक्षा नियंत्रण। जीवन के नाक दस्तावेज और साइड सुरक्षा नियंत्रणों के माध्यम पर होर दिया गया।	
 (CESD) Signature of Trainer	

	FIRE TRAINING		Document No.		FTR/2020		
			Topic No.		01	Page No.	01
			Serial Title		Serial Title		
			Page No.		1		
Name of Site / Location:			132/33 KV GTS 2/5 Dhoulabekera				
Name of Company / Contractor			M. P. Dhamore Ltd		Date: 24/05/25		
By given by:			Anandesh Joshi				
S. No.	Name	Designation	Sign				
1.	पंचायींग		M. P. Dhamore				
2.	शिवराज		Shivraj				
3.	राजेश		Rajesh				
4.	राजेश		Rajesh				
5.	मनोहर अली		M. P. Dhamore				
6.	मनोहर		M. P. Dhamore				
7.	आशिष		Ashish				
8.	मनोहर		M. P. Dhamore				
9.	आशिष अली		Ashish				
10.	रजेश		Rajesh				
11.	रजेश		Rajesh				
12.	आशिष		Ashish				
13.	राजेश	24/05	Rajesh				
14.	मनोहर		M. P. Dhamore				
15.	राजेश		Rajesh				
16.							
17.							
18.							
19.							
20.							



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Name of Site / Location :		100/100 KV GTS Dhabulakhavon
Name of Company / Contract Agency :		WJL Shoumou, Ltd. Date: 14/ed/25
TBT given by:		Arthesh Patel (EEO)

Today's work:	
Items: • Required Man power/total • PPE: Harness (Safety Shoes, Helmet, Full body harness, Fluorescent jacket, Hard gloves etc.) • Age/Health Condition of everyone • correct operation/authorization • Fitness/weight pass • Safety Marshals/Steward • Drivers & Authorization • Others	Weather: • TSP Condition • Windy W/C condition • Sky noisy condition • Windy noisy condition • Others
Materials: • Availability of required material • Safety material • TSP • Tower parts • Others	Method: • How the work will be executed? • Hazards & Risk involved at each step of work • Permit to work • Others
Job Environmental Condition: • High temp (+45°C) • Rain • Heavy wind • Other conditions not suitable for work (Lone work is prohibited)	Equipment: • Emergency Vehicle • Assembly Area • Nearest hospital • ERP at site & understanding • Restroom at site • Stretcher

Others: Sharing of any past incident/Good practices relevant to the activity to be performed.

Site specific requirements/notes:

Please specify: (Filters- F, Winch Operator- W/O, Helper- H, Labor- L, Gang leader- G, Steward- S, Driver- D) along with the name.

S. No.	Name and Designation	Sign	S. No.	Name and Designation	Sign
1	नाथुल	रवि	11		
2	अमरपाल	अमरपाल	12		
3	अमर	अमर	13		
4	राजेश		14		
5	अमरपाल देवी		15		
6	अमरपाल		16		
7	अमरपाल		17		
8	अमरपाल		18		
9	अमरपाल		19		
10	अमरपाल		20		

		HSE TRAINING MODULE	
Name of Site / Location:		THERMAL AND SUBSTATION CHALLANDEBA	
Off Trainer & Designation:		Anuragesh Joshi (ESO)	Date:
Training Topic:		Store work	
Description of Training:- संगीत काल पर पदार्थ के कार्य (Store work) से सम्बन्धित ज्ञान अक्सर रेगिण अवस्था की गई, इस प्रक्रिया में पदार्थ काटने, लोहे और लोहे की सुरक्षित लकड़ी की व्यवस्थापन और प्रकरणों (PPE) के उपयोग, कार्यस्थल पर सावधानी व्यवस्थाओं और उनकी रोकथाम के बारे में विस्तार से जानकारी दी गई, सभी लोगों को सुरक्षित कार्य प्रणाली का पालन करने और दुर्घटनाओं को बचाने के लिए आवश्यक किया गया।			
 (ESO) Signature of Trainer			



Fire Training

		FIRE TRAINING		Document No.: Serial No.: Issue Date: <u>30/04/2025</u> Page No.:	
Name of Site / Location :-		CSE/33 BY JBL/SHAHJHAT			
Name of Company / Contract Agency :-		M/S FLAMMABLE LTD		Date: <u>30/04/2025</u>	
TBT given by :-		JANE ALAM		Designation :- SAFETY OFFICER	
Today's work: <u>Fire training given to workers in Emergency Case</u>					
Met: - Required Man power/Actual - PPE adherence (Safety ✓ Shoes, Helmet Full body harness, Fluorescent jacket, Hand gloves etc.) - Age/Health Condition of everyone - Winch operator Authorization - Fitters/Hoist Jack - Safety Marshall/Steward ✓ - Drivers & Authorization - Others			Machine: - T&P Condition - Winch M/C condition - Guy ropes condition - Wire rope sling condition - Others		
Material: - Availability of required material ✓ - Safety material ✓ - T&P ✓ - Tower parts - Others			Method: - How the work will be executed? - Hazards & Risk involved at each step of work - Permit to work - Others		
Real Environmental Condition: - High temp (>45°C) - Rain - Heavy wind ✓ - Other conditions not suitable for work (Sun work is prohibited)			Emergency: - Emergency Vehicle ✓ - Assembly Area ✓ - Nearest hospital ✓ - ERP at site & understanding ✓ - Rescue kit at site ✓		
Others: Sharing of any past incident(s) and practices relevant to the above work performed					
Site specific requirements/issues:					
Please specify (F-Fitter, F-Winch Operator-W/O, Helper-H, Labor-L, Gang leader-G, Steward-S, Driver-D) along with the name:					
S. No.	Name and Designation	Sign	S. No.	Name and Designation	Sign
1	SHARAD KHAN	S/MESON	11	WASH	LABOUR
2	ABHIRAM	S/MESON	12	RAJU	LABOUR
3	MAHARAJ	MESON	13	SHREELI MAITRA	LABOUR
4	USHAL	LABOUR	14	RAJEEV PATEL	LABOUR
5	ANUR	LABOUR	15	IKTA	LABOUR
6	RAHUL	LABOUR	16	SHAY PAL	LABOUR
7	ISHAN	MESON	17	DINESH BAKA	LABOUR
8	BARU	MESON	18	KARAN	MESON
9	YASH	LABOUR	19	MOHAN GUPTA	LABOUR
10	VEER SINGH	LABOUR	20	DEEPAH	LABOUR

Khatima- II (Jan 2025- Jun 2025)

	FOOL BOX TALK	Document No. & Name Page No.	8 Training Plan & Training records
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Name of Site / Location	137/1 AN 025 Scheme, Chennai-1		
Name of Company / Contract Agency	MS PAPERBOAT Ltd	Date	29/03/2025
TST given by	Smt. Sangeetha Pillay		

Must ✓ Required Man power Method ✓ PPE, Instruction (Safety) ✓ Tools, Material ✓ Full body harness, Fall arrest system, Hard gloves etc. ✓ Approved / Condition of equipment ✓ Communication ✓ Heavyweight case ✓ Rescue & Rehabilitation	Emergency: ✓ Emergency vehicle ✓ Assembly Point ✓ Nearest Hospital ✓ First aid kit at Site ✓ Restroom at site
--	---

Pre talk Tests:

- ① Use of PPE's
- ② Steel cutting + bending Safety
- ③ Hoisting rig

Others: Working at any point needed / Guard position required in the activity to be performed

Site specific requirements:

Please specify if there is: ☐ Alteration ☐ Hoisting ☐ Lifting ☐ Moving ☐ Carrying ☐ Drilling ☐ Welding ☐ etc.

S. No.	Name and Designation	Sign	S. No.	Name and Designation	Sign
1	Chandru	[Signature]	11		
2	Abhishek	[Signature]	12		
3	Abhishek	[Signature]	13		
4	Abhishek	[Signature]	14		
5	Abhishek	[Signature]	15		
6	Abhishek	[Signature]	16		
7	Abhishek	[Signature]	17		
8	Abhishek	[Signature]	18		
9	Abhishek	[Signature]	19		
10			20		


 Signature of the Official





Safety Training

Name of Site/Location:-	132/33 KV GIS Substation, Ruttina #	Date:- 05/06/25
Name of Contract Agency:-	M/s FLOWMORE LTD.	
Training Given by:-	Ravi Singh (Safety Officer)	
Training Topic:-	Environment Training	Training Frequency:- Monthly

SL.NO.	NAME	DESIGNATION	SIGNATURE
1	Mohit	M	मोहित
2	Vijayant	M	विजयान्त
3	Vijay Sarker	M	विजय
4	Radhika	L	रदिका
5	Israni	L	नरेश्वरी
6	Mina	L	मिना
7	Kalpna	L	कल्पना
8	Nayab	L	नयब
9	Shikha	L	शिकहा
10	Romya	L	रोम्या
11	Srinivas	Supervisor	श्रीनिवास
12			
13			
14			
15			



Description of Training:-

निम्नलिखित स्थान पर पर्यवेक्षण प्रशिक्षण का उद्देश्य अभिनेता और अन्य लोगों को निम्नलिखित गतिविधियों से जुड़े पर्यवेक्षण जोखिमों से अवगत कराना और उन्हें कम करने में सहायता करना है। यह प्रशिक्षण अभिनेता को सुरक्षित कार्य practices, खासतौर पर घटनाओं का सुरक्षित उपयोग, कथानक प्रबंधन, और पर्यवेक्षणों के बारे में विचार करने में सहायता करता है।

खासतौर पर घटनाओं का सुरक्षित उपयोग और प्रबंधन:

अभिनेता को खासतौर पर घटनाओं के संभावित खतरों और उनके सुरक्षित उपयोग, प्रबंधन और निपटारे के बारे में सिखाया जाता है।

कथानक प्रबंधन:

निम्नलिखित स्थान पर कथानक को प्रस्तुत करने में प्रभावित करने और पर्यवेक्षण को नुकसान से बचाने के तरीके सिखाए जाते हैं, जैसे कि कथानक का वर्गीकरण, पुनर्व्यवस्था, और उचित निपटारा।

घरों का प्रबंधन:

निम्नलिखित स्थान पर घरों के उपयोग और निपटारे के बारे में सिखाया जाता है, ताकि उन घरों से बचा जा सके।

पूल का प्रबंधन:

निम्नलिखित स्थान पर पूल के साथ बने काम करने के तरीके सिखाए जाते हैं, जैसे कि पूल को दबाकर और अभिनेता को पूल से बचाने के लिए सही का उपयोग करना।

पर्यवेक्षण पर प्रभाव:

निम्नलिखित गतिविधियों के पर्यवेक्षणों पर प्रभाव के बारे में जानकारी प्रदान की जाती है, जैसे कि उन घरों, घरों, घरों, और गुमि घरों।

पर्यवेक्षण सुरक्षा नियमों और विनियमों का पालन:

अभिनेता को पर्यवेक्षण सुरक्षा नियमों और विनियमों के बारे में जानकारी दी जाती है, ताकि वे उनका पालन कर सकें।

अपवादकाल:

यदि कोई पर्यवेक्षण दुर्घटना होती है, तो अभिनेता को यह सिखाया जाता है कि वे कैसे प्रतिक्रिया दें और दुर्घटना को कम करने के लिए क्या करें।

सुरक्षा:

निम्नलिखित स्थान पर पर्यवेक्षण प्रशिक्षण अभिनेता को खासतौर पर घटनाओं और अन्य पर्यवेक्षणों जोखिमों से बचाने में सहायता करता है, जिससे उन्हें सही तरह से संभालना पड़ेगा।

पर्यवेक्षण प्रबंधन:

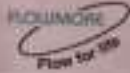
निम्नलिखित गतिविधियों के कारण पर्यवेक्षण को नुकसान हो सकता है, लेकिन पर्यवेक्षण प्रशिक्षण अभिनेता को पर्यवेक्षण को नुकसान से बचाने के लिए क्या करना है, यह जानने में सहायता करता है।

सामाजिक क्षति:

यदि एक निम्नलिखित पर्यवेक्षण सुरक्षा को गंभीरता से लेती है, तो इससे उसकी सामाजिक क्षति हो सकती है।







Mock drills Training

Name of Site/Location:-	132/33 KV GIS Substation, Khanna-II		
Name of Contract Agency:-	M/s FLOWMORE LTD.	Date:-	08/05/2025
Training Given by:-	Surel Singh (Safety Officer)		
Training Topic:-	Fire Training	Training Frequency :-	15 Days

SLNO.	NAME	DESIGNATION	SIGNATURE
1	Abhishek	Mason	[Signature]
2	Rohan	Helper	[Signature]
3	Euddu	fitter	[Signature]
4	Aman	Helper	[Signature]
5	Sankant	Mason	[Signature]
6	Vaenu	Mason	[Signature]
7	Santosh	Helper	[Signature]
8	Sunny	Helper	[Signature]
9	Vikash	fitter	[Signature]
10	Devendra	Helper	[Signature]
11			
12			
13			
14			
15			



Fire training at Khatima site



Emergency Rescue training





Mock drill Training

Name of Site/Location:-	132/33 KV GIS Substation, Khatima-II	Date:- 07/06/25
Name of Contract Agency:-	M/s FLOWMORE LTD.	
Training Given by:-	Sund Singh (Safety Officer)	
Training Topic:-	Electric Shock	Training Frequency - 15 Days

SL.NO.	NAME	DESIGNATION	SIGNATURE
1	Meena	Labour	मेना
2	Dama	"	दामा
3	Pardhika	"	गौड़िका
4	Laxmi	"	लक्ष्मी
5	Kalpna		कल्पना
6	Sheetal		शीता
7	Manoj	Freelancer	मनोज
8	Vijay Sarker	Mason	विजय
9	Arunod Sarker	mason	अरुण
10	Uttam pal	Labour	उत्तम
11	Harpal Kaur	Labour	हरपाल
12	Chann prakash	Labour	चान प्रकाश
13	Sunderlal	Labour	सुन्दरलाल
14			
15			

SECOP



Description of Training:-

Electric Shock प्रतिक्षण एक महत्वपूर्ण सुरक्षा कार्यक्रम है जो Electric खतरों से निपटने और उनकी रोकथाम के बारे में जानकारी प्रदान करता है। यह प्रतिक्षण Electric उपकरणों के सुरक्षित उपयोग और बिजली के झटके से होने वाले नुकसान को कम करने में मदद करता है।

Electric झटका प्रतिक्षण में शामिल मुख्य बातें:

Electric खतरों की पहचान:

Electric झटके का खतरा, Electric उपकरणों के प्रकार, और विभिन्न प्रकार के Electric खतरों के बारे में जानकारी दी जाती है।

सुरक्षा सावधानियां:

Electric उपकरणों का उपयोग करते समय, जैसे कि इंसुलेशन और साइडिंग, आदि का चयन करना आवश्यक है।

पथनमिक उपकरण:

Electric झटका लगने पर पथनमिक उपकरण के बारे में जानकारी दी जाती है, जैसे कि बिजली बंद करना, व्यक्ति को छुए बिना बचाना, और शीघ्रता से बचना।

व्यक्तिगत सुरक्षा उपकरण (PPE):

Electric सुरक्षा के लिए आवश्यक PPE जैसे कि रबर के दस्ताने, सुरक्षा चप्पल, आदि का उपयोग करने के बारे में प्रतिक्षण दिया जाता है।

Electric सुरक्षा नियम:

Electric सुरक्षा के नियमों का पालन करने के बारे में प्रतिक्षण दिया जाता है, जैसे कि सीढ़े हाथों से बिजली के उपकरणों को नहीं छूना।

Electric न झटका प्रतिक्षण Electric क्षेत्र में काम करने वाले लोगों के लिए बहुत महत्वपूर्ण है। यह प्रतिक्षण उन्हें Electric खतरों से बचने और सुरक्षित तरीके से काम करने में मदद करता है।

व्यक्ति को छुए बिना बिजली बंद करें:

यदि कोई व्यक्ति बिजली के संपर्क में है, तो उसे छुए बिना बिजली बंद करें। यदि ऐसा करना सुरक्षित नहीं है, तो व्यक्ति को सुरक्षित तरीके से हटा दें।

आपातकालीन सहायता के लिए सीम करें:

यदि कोई व्यक्ति Electric झटके से संभल रहा हो तो तुरंत आपातकालीन सहायता के लिए सीम करें।

सुरक्षित कार्यस्थल:

Electric सुरक्षा के लिए सुरक्षित कार्यस्थल सुनिश्चित करना महत्वपूर्ण है। यह सुनिश्चित करें कि कार्यस्थल पर बिजली के उपकरण सुरक्षित ढंग से स्थापित हैं और उनका उपयोग सुरक्षित तरीके से किया जा रहा है।

व्यक्तिगत सुरक्षा उपकरण (PPE):

Electric सुरक्षा के लिए PPE का उपयोग करना महत्वपूर्ण है। रबर के दस्ताने, सुरक्षा चप्पल, आदि का उपयोग करें।





[illegible]

Application for Membership

Name: Mr. J. K. Singh
 Address: 123 Main St, New Delhi
 Telephone: 011-12345678

Proposed by: Mr. A. B. Sharma
Seconded by: Mr. C. D. Gupta

Resolution: Resolved that the above named person be admitted to membership of the Association.

Signature of Secretary: [Signature]
Date: 15/05/2024

Stamp: [Circular Stamp]

[illegible][illegible]

[illegible]

उत्तराखण्ड पावर कारपोरेशन लि०

कार्यालय अधिकांशी अभियान
विद्युत विद्युत संचय (कामीना)

७७ गीता सुधार, निकट आकाश एवं हस्त्यानी (विनीता)

81-822 / enb@McGraw-Hill.com

फॉन नं- (05546) 283040 फैक्स नं- (05546) 283118

पत्रांक : १८५२ / वि. वि. ख. (ग.) इ.

24-07-24

विषय- सचिवसि के 23/11 संघीय उपसंघ मौसमविद्या की भूमि पर प्रस्तावित 132/23 संघीय उपसंघाध्यक्ष (विद्यमान) के निर्वाचन हेतु सूची को अटाल को सौंपना है।

अध्यापक सौमित्र प्रभाकर,
उत्तराखण्ड वन विभाग विभाग,
एच.डी. इन्स्टीट्यूट, उत्तराखण्ड कौन्सिल ऑफ़-३,
मिस्ट्रि हनुमान मंदिर, आर.टी.ओ. रोड, कुमुदखंड,
इलाहाबाद, विभाग-वैनीताल।

[illegible][illegible]

संस्कृत-समाचारपत्र ।

(बीजवीड संगीत)
अभिजाती अभिजाता

पत्रांक : _____ / वि. वि. ए. (ग.) इ. / मद्रास विश्वविद्यालय ।

प्रतिनिधि- निम्नलिखित को सुधनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित-

- [illegible]

(ਸੰਪਾਦਕੀ ਖਾਨਾ)
ਅਧਿਕਾਰੀ ਅਧਿਕਾਰ

—समृद्धि में निराली अवधि—

विज्ञानी अचानक हीतु एकात्मिकता का नाम लाने प्रयोग करें

उत्तराखण्ड, पावर कारपोरेशन लि०

આપણાં અધિભક્તો અભિવ્યક્તા

विद्युत वितरण समुह (प्राचीन),

१७. **श्रीधर भारद्वाज**, निवासी जलधाम मंदिर, इन्दौर (विभीषाण)

ई-पत्र : radhe@pubnet.co.in

फोन नं०—(05946) 292040 फैक्स नं०—(05946) 295316

पत्रांक : 2312 / वि. वि. छा. (प्र.) 3

14:06:24

नियम- उपसहस्रि के 23 संवर्द्धित उपसहस्रि बीमापेक्षा को भुवि पर प्रसारित 132/23 संवर्द्धित उपसहस्रि के निर्माण के दिने प्रसारित होने वाली 0.20 हेक्टेयर भुवि पर नीचले तृती के अन्तर्गत के सम्पत्ति है।

अनीकृतः स्यात्।

मिला समान अविष्करी,
मिलाना भवन, भीषण,
मिलान-नैषिण ।

RESEARCH

[illegible][illegible]

विष्णु-संस्कृतम् ।

महाराष्ट्र

(प्रीतिप्रीति प्रीतिप्रीति)
अप्रीतिप्रीति अप्रीतिप्रीति

संज्ञा : _____ / विषय : _____ / पत्रिका : _____
 निर्देश : _____

१. अधिकांश लक्षितार्थ विरल शब्दों का प्रयोग नहीं किया गया—

३. अधिवक्ताजी अधिवक्ता (अवकाश) अधिनियम, विभाग, राज्य।

[illegible]

3. प्रत्यक्ष अधिका, विपुल विमान उडान, लालकृष्ण को प्रत्यक्ष के रूप में इस विट्ठल से प्राप्त देखा कि जब प्राप्त पूर्ण के अन्तर्गत ही सम्पत्ति विमान से सम्पत्ति का अधिमा अन्तर्गत प्रत्यक्षीकरण सुविधियाँ को दत्त प्राप्त है अर्थात् यदि से अधिमासक के अन्तर्गत प्राप्त है।

(ਪ੍ਰਿੰਟਿੰਗ ਚਾਰਜ)
ਅਧਿਕਾਰੀ ਨਿਰਧਾਰਤ

Register of Books and

“Dinānī āvān dūy qawāqilīn āvān ān āvān ān”

कार्यालय - ग्रामीण विकासिकारी, ताराई कोन्डीय वन प्रभाग, रुद्रपुर (कथमसिंहनगर)

विषय: विद्युत पत्राचार रुद्रपुर, कोन्डीय वन प्रभाग - रुद्रपुर, ई-मेल: electrical@kathmansinghnagar.gov.np

पत्राचार सं० ५१३५/२३-१, रुद्रपुर

दिनांक ०५/०६/२०२४

सेवा में,

✓ कार्यकारी अधिकृत,
उत्तरांचल पावर कारपोरेशन लि.,
विद्युत वितरण विभाग, (ग्रामीण), हनुमान्गढी।

विषय: मूलभूत/पत्राचार के संबंध में।
सन्दर्भ: आगवा पत्राचार १३२१/विनिर्दिष्ट-० (वृ) इ० दिनांक ३०.०५.२०२४
संबन्धित

उपरोक्त विषयक सन्दर्भित पत्र को हमें आपसे वृत्त में वर्णित प्रकरण की जांच वन क्षेत्राधिकारी, हनुमान्गढी से कराई गई। एवं क्षेत्राधिकारी, हनुमान्गढी की जांच आगवा के आधार पर उत्तरांचल पावर कारपोरेशन विनिर्दिष्ट ३३ केन्डी० उत्तरांचल क्षेत्राधिकारी की भूमि में १३२ केन्डी० उपसंचालन के निर्देश में आगवा पूर्ण रूप से पूर्णतः पूर्ण प्रसार प्रेषित किया जा रहा है-

क्रमांक	प्रकार	आवा संख्या	वर्गीकरण	घर	दूरता की संख्या	मूलभूत/पत्राचार
१.	आवा	२-३	अवधि	५०३३५१/२	०१	२०२४.००
२.	आवा	२-३	अवधि	१०३३५१/२	०१	८५१.००
३.	आवा	४-५	अवधि	१०३३५१/२	०१	१५२०.००
४.	वैद्युत/पत्राचार	४-५	अवधि	१०३३५१/२	०१	२०२४.००
५.	वैद्युत/पत्राचार	३-४	अवधि	१०३३५१/२	०१	१८२०.००
६.	वैद्युत/पत्राचार	२-३	अवधि	१०३३५१/२	०१	११०१.००
७.	वैद्युत/पत्राचार	२-३	अवधि	१०३३५१/२	०१	५५१.००
८.	वैद्युत/पत्राचार	१-२	अवधि	१०३३५१/२	०१	१११.००
९.	वैद्युत/पत्राचार	३-४	अवधि	१०३३५१/२	०१	१०९१.००
१०.	वैद्युत/पत्राचार	३-४	अवधि	१०३३५१/२	०१	१११.००
११.	वैद्युत/पत्राचार	४-५	अवधि	१०३३५१/२	०१	४३३३.००
१२.	वैद्युत/पत्राचार	२-३	अवधि	१०३३५१/२	०१	५५१.००
१३.	वैद्युत/पत्राचार	३-४	अवधि	१०३३५१/२	०१	१०९१.००
			कुल		१३	१८,२५३.००

- नोट-आगवा पूर्ण की जांच अनुसार पत्राचार विवरण से प्राप्त किया जा रहा है। आगवा पूर्ण रूप से पूर्णतः पूर्ण प्रसार प्रेषित किया जा रहा है।

(उपनिर्देशक/निर्देशक)
ग्रामीण विकासिकारी,
रुद्रपुर कोन्डीय वन प्रभाग, रुद्रपुर

पत्राचार ५१३५/२३-१/उत्तरांचल/विनिर्दिष्ट

प्रतिनिधि- विद्युत वन क्षेत्राधिकारी, हनुमान्गढी

- १. उपर उल्लेखित कार्यकारी, हनुमान्गढी की जांच द्वारा प्राप्त की गई संख्या को हमें संचालित कर दिया है।
- २. वन क्षेत्राधिकारी, हनुमान्गढी की जांच पत्राचार १३२१/२३-१ दिनांक ३०.०५.२०२४ को हमें संचालित कर दिया है।

Office of The Executive Engineer
Electricity Distribution Div. (Rural)
Kathmandu (District)
Date: 15/06/24
File No: 15/06/24

(उपनिर्देशक/निर्देशक)
ग्रामीण विकासिकारी,
रुद्रपुर कोन्डीय वन प्रभाग, रुद्रपुर

Annexure 9:- Statuary Clearances

कार्वायिभ (उप-प्रशासनिक) विभाग
संख्या 232/वि.वि.क-कोरिंग अनुमति/2024 दिनांक नवम्बर 20, 2024

1-सहस्रीतवार, लोहाघाट।
 2-अतिरिक्त अधिकारी, उप-प्रशासन, लोहाघाट।
 3-अतिरिक्त अधिकारी, जल विभाग, लोहाघाट।

विषय:- कोरिंग की अनुमति चाहने सम्बन्धी प्रस्ताव पत्र की सम्बन्ध में।

प्रस्तावित विषयक इस कार्यवाही में निम्नलिखित हेतु कोरिंग करवाये जाने की अनुमति प्रदान किये जाने सम्बन्धी निम्नलिखित प्रस्ताव पत्र प्रस्तुत हुए हैं:-

क्रम संख्या	प्रार्थी का नाम/पता	विवरण
1	अतिरिक्त अधिकारी, (प्रशासन), मुन्डीगुडी गन्दापी	132/20 सं-रीड अतिरिक्त उप-प्रशासन लोहाघाट की निर्देश के सम्बन्धित कार्यों हेतु अनुमति का निर्देश किये जाने की अनुमति प्रदान किये जाने का अनुमति किया गया है।
2	श्री. रमेश चन्द कलामुनिया, पौवा बंगला लोहाघाट।	वैयक्तिक हेतु कोरिंग करवाये जाने की अनुमति प्रदान किये जाने का अनुमति किया गया है।

आप, जहाँ प्रस्ताव पत्र की प्रस्तावित प्रमाण पत्र इस निर्देश के साथ प्रेषित है कि जहाँ सम्बन्ध में जहाँ विभाग को सम्बन्धित अलगा/अनुमति प्रमाण पत्र प्रदान सुनिश्चित करें।

संलग्न- प्रमाणपत्र।


 उप-प्रशासनिक
 लोहाघाट।

प्रतिनिधि:- अतिरिक्त अधिकारी, प्रमाण पत्र प्रमाण पत्र प्रमाण पत्र की प्रस्तावित प्रमाण पत्र इस अनुमति के साथ प्रेषित है कि जहाँ सम्बन्ध में जहाँ विभाग को सम्बन्धित अलगा/अनुमति प्रमाण पत्र प्रदान सुनिश्चित करें।


 उप-प्रशासनिक
 लोहाघाट।

कार्यालय छात्रीसदास खटीय जिला कृषम सिंह नगर।

पत्र संख्या 273 / गद्यनाम/2024
 रोड नं.

दिनांक 23.11.2024

उपजिलाधिकारी महोदय,
 खटीया।

विषय: अनामति प्रमाण पत्र निर्गत किये जाने के संबंध में।

महोदय,

सूचना उपरोक्त विषयक कार्यालय जमीन अधिनियम (खेतीसदास) एक्टिवीट हाइड्राजी की पत्र संख्या 142/SE(P)ADB/PTCUL/HLD दिनांक 24.10.2024 का संपूर्ण पढ़न करने का कष्ट करें, जिससे प्राप्त अवगत करता रहा है कि 132/3 संख्या जीएमडीएच खटीया-11 के निर्माण संबंधित कार्य के अनामति ट्यूबवेल का निर्माण कार्य भी प्रस्तावित है, जिसके लिए अनामति प्रमाण पत्र निर्गत किये जाने का अनुरोध किया गया है।

पत्रा की अपन ने सीरीय राजस मिटलक/राजस उपनिवेशक से जांच कराई गई। प्राप्त जांच अवगतानुसार प्राप्त जानकारीया सार्वजनिक खटीया जलदा वर्ष धारा खटीया संख्या 125 के धारा संख्या 208/5 नम्बर 0.343 हेक्टर संख्या 208/2 नम्बर 0.830 हेक्टर कुल संख्या 1.173 हेक्टर भूमि जलदाखण्ड राजस ट्रांसमिशन कार्पोरेशन ऑफ राजसराजस लिमिटेड देहातपुत्र के गन कोलर 7-12 ने आदेश दर्ज अपिनेष है।

उपरोक्त भूमि पर 3 X 3 = 9 वर्ग मीटर भूमि अनामति ट्यूबवेल निर्माण किया जाय प्रस्तावित है। जल विभाग भूमि पर ट्यूबवेल निर्माण कार्य जलदाखण्ड राजस ट्रांसमिशन कार्पोरेशन ऑफ राजसराजस की भूमि पर किया जाता है। जिस भूमि पर ट्यूबवेल लगाया जा रहा है, वह भूमि राजस विभाग की सार्वजनिक भूमि नहीं है, न ही पत्रा 132 के अनामति सार्वजनिक भूमि है। अतः उक्त भूमि पर ट्यूबवेल लगाने में राजस विभाग को कोई अवधि प्रतीत नहीं होती है।

अतः सीरीय राजस मिटलक/राजस उपनिवेशक की जांच अवगतानुसार पत्रा महोदय को सेवा में सादर भेजता है।

सहायक-अधीक्षक।

RV-343
 23-11-24
 राजसराजस

जयराज राजसराजस (अधीक्षक)
 085 6000000

अधीक्षक राजसराजस की सेवा
 उपस्थित।

23.11.24
 उपजिलाधिकारी, खटीया
 (अधीक्षक) राजसराजस

राजसराजस
 खटीया

18. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

विज्ञापन अनुमोदन पत्र

603

Answer: 100

विश्व जलवायु

डा. अमर विद्यालाल मिश्र

DATE: 10/10/2018 TIME: 10:00

सामान्य विद्यार्थी प्रमाण

bioRxiv preprint doi: <https://doi.org/10.1101/2019.05.29.259296>; this version posted June 3, 2019. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.

सत्य प्रकाश/संजीवनी पाठकी आत्म प्रकाश

Figure 4.

4) काल वस, ते, इन्द्र प्रजापते
सुता सुत, होतृ के अग्नि पुत्र
विना सुत, अग्नि - सुता, (सुता)

दिनांक : दिनांक ३३ - ११ - २०२४ को गौतम अमरकुमार सिंह
प्राप्त

[illegible]

क्र.सं.	वि.सं.	वि.सं.	वि.सं.
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अवधि का योग (अवधि में) सहजान - इमरानि प्रीति ड. (2019) वसुंते के जल के अंतर /

1. अनुसूचित जाती कायदे की विधि.....
2. पण्डित सुभाष की अविधायक विधि.....
3. विद्या विद्यालय सुभाष की विद्यालय सुभाष कायदे की अविधायक विधि.....
4. विद्यालय सुभाष सुभाष विद्यालय सुभाष कायदे की अविधायक विधि.....
5. विद्या पण्डित देव की प्रकाश कायदे की अविधायक विधि.....
6. पण्डित देव सुभाष प्रकाश कायदे की अविधायक विधि.....
7. अविधायक सुभाष देव सुभाष कायदे की अविधायक विधि.....

विशद चरण का अर्थ है कि प्रत्येक व्यक्ति को, जो अपने विकास के लिए है, उसे अपने विकास के लिए है।

विज्ञान मूल्य पर संस्कृत में प्रश्नोत्तर के प्रकाश पर 3 प्रतिशत व अन्य प्रकाश पर 1 प्रतिशत नामक छुट विद्युत् में दर्शाते हैं।
 व संस्कृत मूल्य प्रकाश पर 1 प्रतिशत व अन्य प्रकाश पर 1 प्रतिशत नामक छुट विद्युत् में दर्शाते हैं।

कुलकर्णी देव भगवति का सौंदर्य दुर्गाष्टक नामक हिंदी में रचित एक उपन्यास है। यह उपन्यास हिंदी साहित्य की एक महत्वपूर्ण रचना है।

भारतीय
विद्युत निगम
के तहत विद्युत निगम

Test Report Manglore

 ECON LABORATORY & CONSULTANCY LLP (ISO 9001, ISO15189, ISO17025 Certified & NABL A/C Recognized Laboratory) Vill: Kumbhara, P.O: Kumbhara, Near Gachipatti, Suburban Thiruvananthapuram- 695005				
TEST REPORT				
Name & Address of client: M/s. TRANS GLOBAL POWER LTD. Near ZIT EDA, Suburban, Manglore, VII. North, Kootam, Channarayana		Lab No. 20200244000000000174 Reporting Date: 22/05/2023 Receipt Date: 22/05/2023 Format No.: T.R.T-01 Part Reference No.: 01/MS		
SAMPLE DESCRIPTION General Information Sample Collected by: Sampling Location: Instrument Used: Instrument Code: Instrument Calibration Status: Meteorological condition during sampling: Date of Monitoring: Time of Monitoring: Ambient Temperature (°C): Surrounding activity: Scope of Monitoring: Control measure if any: Sampling & Analysis Protocol: Parameters Required:		AMBIENT NOISE MONITORING Lab Representation: Noise Office Area: Sound Level Meter: DCD/SLM/01: Calibration: Class IIIa: 56/55/53/51 to 63/60/57/55 22.45 PM to 02.15 PM Max. 58.4 dBA, Min. 44.7 dBA Hazards & Mitigation Measures: Regulatory Requirement: No. CPCB Guidelines & IS:9849 (1987), S.A.10(2) As per Work Order		
TEST RESULT				
S. No.	Parameters	Test Method	Test Result	Units
1.	Equivalent Noise Level (6.00 AM to 10.00 PM) Day Time	IS:9849 (1987) RA:3020	58.4	dB
2.	Equivalent Noise Level (10.00 PM to 6.00 AM) Night Time	IS:9849 (1987) RA:3020	44.7	dB
Requirement as per CPCB Guidelines				
		Day	Night	
1.	Industrial Area, dB	75	70	
2.	Commercial Area, dB	65	55	
3.	Residential Area, dB	55	45	
4.	Silence Area, dB	50	40	
 				
NOTE: 1. This report is valid only for the stated purpose & applicable parameters. 2. Result validity of test data will be provided & by issuing certificate only. 3. Any sample will be destroyed after collection time unless otherwise specified. 4. This report is not to be interpreted as a guarantee for the quality of the product or service provided by the client.				
CONTACT NO.: +91-804887911, 9128320286, 9128320289				



ECON LABORATORY & CONSULTANCY LLP

(INC) 9961, 14851A, 42801 Cuddalore & MORE & CT. Registered Laboratory
VILL: Kothavaram, P.O: Jambhavanthi, Near Gudi Canal, Dindur, Tiruchendur - 605001



TEST REPORT

Name & Address of Client: NEW TRANS GLOBAL POWER LTD. New 220KV, Substation, Mangal, VIL: Kardi, Rasekhi, Uttarakhand.	ULR No.: EC/107330000024/00 Reporting Date: 12/01/2023 Receipt Date: 07/01/2023 Period of Testing: 08/05/2023 to 11/05/2023 Format No.: 7.8 F-01 Party Reference No.: No Mail
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SAMPLE DESCRIPTION

General Information

Sample Collected by
Sampling Location
Instrument Used
Instrument Code
Instrument Calibration Status
Meteorological condition during monitoring
Date of Monitoring
Time of Monitoring
Ambient Temperature (°C)
Surrounding activity
Scope of Monitoring
Control measure if any
Sampling & Analysis Protocol
Parameters Required

AMBIENT AIR QUALITY MONITORING

Lab Representative
Mobile Area, Substation
R116 and PM2.5 Attachment
45C06/R125/04
Calibrated
Cust. No.
06/03/2023 to 07/05/2023
11:45 AM to 11:45 AM
Min: 28.5°C, Max: 30.8°C
Human & Vehicular Activities
Regulatory Requirement
No
IS-3182
As per Work Order

TEST RESULT

S. No.	Parameters	Test Method	Test Results	Units	NAAQS
1	Particulate Matter (PM ₁₀)	IS 5182 (P-2) 2009, RA2022 (Cyclonic Method)	89.8	µg/m ³	150
2	Particulate Matter (PM _{2.5})	IS 5182 (P-24) 2019, Gravimetric method	28.3	µg/m ³	50
3	Sulphur Dioxide (SO ₂)	IS 5182 (P-2) 2001, RA2022	20.8	µg/m ³	80
4	Nitrogen Dioxide (NO ₂)	IS 5182 (P-4) 2006, RA2022	24.0	µg/m ³	80
5	Ammonia (NH ₃)	IS 5182 (P-25) 2018	52.99	µg/m ³	400
6	Carbon Monoxide (CO)	IS 5182 (P-10) 1999, RA 2018	0.21	µg/m ³	4
7	Benzene (C ₆ H ₆)	IS 5182 (Part-1) 2006, RA 2022	ND**	µg/m ³	3
8	Benzene (C ₆ H ₆)	IS 5182 (Part-1) 2006, RA 2022	ND**	µg/m ³	3
9	Lead (Pb)	IS 5182 (P-22) 2004, RA 2022	ND**	µg/m ³	1
10	Arsonic (As)	IS 5182 (P-22) 2004, RA 2022	ND**	µg/m ³	1
11	Nickel (Ni)	IS 5182 (P-22) 2004, RA 2022	ND**	µg/m ³	1
12	Chlorine (Cl ₂)	IS 5182 (P-8), 1974, RA 2019	21.4	µg/m ³	180

Method: HAN-20 Manual Ambient Air Quality Monitoring System, 45, (Date: 12/01/2023) (Rev: 01/01/2023)

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BY Mail at request

AUTHORIZED SIGNATURE



NOTES: 1. The results listed only for the listed weight & applicable parameters.

2. Total duration of test run will be provided in the service request only.

3. The sample will be destroyed after retention time unless otherwise specified.

4. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without prior permission.

www.econlaboratory.com, info@econlaboratory.com, 04226344544, 0425-2976100

CONTACT NO.: 04-014857815, 0226344544, 0425-2976100



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Vill: Kshatrawala, P.O: Jansamwala, Near Garki Canal, Dehradun, Uttarakhand - 248001



TEST REPORT

Name & Address of Client: SAP. TRANS GLOBAL POWER LTD. New 220k VA Substation, Manglyeri, VPO Kandi, Roorkee, Uttarakhand.	U/R No.: 12/PR/2300000001158 Reporting Date: 12/01/2023 Receipt Date: 07/01/2023 Period of Testing: 06/01/2023 to 12/01/2023 Format No.: 1.8 F-5 Party Reference No.: By Mail
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SAMPLE DESCRIPTION

General Information

Sample Collected by:
Sampling Location:
Instrument Used:
Instrument Code:
Instrument Calibration Status:
Meteorological condition during monitoring:
Date of Monitoring:
Time of Monitoring:
Ambient Temperature (°C):
Surrounding activity:
Scope of Monitoring:
Control measure if any:
Sampling & Analysis Protocol:
Parameters Required:

AMBIENT AIR QUALITY MONITORING

Lab Representative:
Nepe Office Area:
RDS and PM₁₀ Attachment:
ECON/RTN/01
Calibrated:
Clear Sky:
06/01/2023 to 07/01/2023
11:30 AM to 11:30 AM
Min: 18 °C, Max: 28.8 °C
Human & Vehicular Activities:
Regulatory Requirement:
No
IS-1182
As per Work Order

TEST RESULT

S. No.	Parameters	Test Method	Test Results	Units	NAAQS ⁰
1.	Particulate Matter (PM ₁₀)	IS-5182 (P-21) 2006, RA-2007, (Cyanine Method)	82.3	µg/m ³	100
2.	Particulate Matter (PM _{2.5})	IS-5182 (P-24) 2019, (Random method)	74.2	µg/m ³	60
3.	Sulphur Dioxide (SO ₂)	IS-5182 (P-2) 2006, RA-2007	7.3	µg/m ³	80
4.	Nitrogen Dioxide (NO ₂)	IS-5182 (P-6) 2006, RA-2007	24.6	µg/m ³	60
5.	Azotmonia (NH ₃)	IS-5182 (P-25) 2018	ND**	µg/m ³	200
6.	Carbon Monoxide (CO)	IS-5182 (P-10) 1999, RA-2019	0.24	ppm	4
7.	Ozone (O ₃)	IS-5182 (P-11) 2006, RA-2019	ND**	ppm	5
8.	Benzene (C ₆ H ₆)	IS-5182 (P-17) 2006, RA-2019	ND**	ppm	1
9.	Lead (Pb)	IS-5182 (P-21) 2006, RA-2019 Air Acetylene Method	ND**	ppm	1
10.	Arsonic (As)	IS-5182 (P-21) 2006, RA-2019	ND**	ppm	6
11.	Nickel (Ni)	IS-5182 (P-26) 2020 Air Acetylene Method	ND**	ppm	20
12.	Chlorine (Cl)	IS-5182 (P-30) 1974, RA-2019 Colorimetric Method	20.8	ppm	180

Notes: * NABL - National Accredited for Quality Standard, Dehradun, VS, 15th Floor, Phase 2, Sec. 50, U.T.

**ND Not Detected

End of report

CHIEF EXECUTIVE OFFICER

MANAGER



- NOTES: 1. The results found only in the tested sample & specified parameters.
2. Total facilities of our lab will be provided as the service amount bill.
3. The sample will be delivered after receiving their return address specified.
4. This report is given before independent which is in part and cannot be used as evidence in the court of law without prior permission.

www.econlabindia.com, info@econlabindia.com, results@econlabindia.com

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ECON LABORATORY & CONSULTANCY LLP

(ISO 9001, 14001, 45001 Certified & NABL & CEC Recognized Laboratory)
Vill. Kishanwala, P.O. Sahaswala, Near Garhi Canal, Dehradun, Uttarakhand - 249007



TEST REPORT

Name & Address of client:	ULR No.	EC/2023/080000/0144
M/s. TRANS GLOBAL POWER LTD.	Reporting Date:	12/05/2023
New EVA Substation, Maugeri, Vill. Kandi, Baramulla, Jammu & Kashmir	Receipt Date:	07/05/2023
	Form No.:	7.0 F-01
	Party Reference No.:	By Mail

SAMPLE DESCRIPTION

General Information

Sample Collected by: _____
Sampling Location: _____
Instrument Used: _____
Instrument Code: _____
Instrument Calibration Status: _____
Meteorological condition during monitoring: _____
Date of Monitoring: _____
Time of Monitoring: _____
Ambient Temperature (°C): _____
Surrounding activity: _____
Scope of Monitoring: _____
Control measure if any: _____
Sampling & Analysis Protocol: _____
Parameters Requested: _____

AMBIENT NOISE MONITORING

Lab Representative: _____
Middle Area: Substation
Sound Level Meter: _____
ECON/SLM/02
Calibrated: _____
Clear Sky
08/05/2023 to 07/05/2023
05:05 PM to 05:05 PM
Min. 28.0°C, Max. 31.7°C
Human & Mechanical Activities: _____
Regulatory Requirement: _____
Nil
CPCB Guidelines & IS: 5989:1981, RAJ2020
As per Work Order

TEST RESULT

S. No.	Parameters	Test Method	Test Results	Units
1.	Equivalent Noise Level (05:00 AM to 05:00 PM) Day Time	IS-5989:1981 RA2020	43.0	dB
2.	Equivalent Noise Level (10:00 PM to 06:00 AM) Night Time	IS-5989:1981 RA2020	33.7	dB
Requirement as per CPCB Guidelines				
		Day	Night	
1.	Industrial Area, dB	75	70	
2.	Commercial Area, dB	65	55	
3.	Residential Area, dB	55	45	
4.	Silence Area, dB	50	40	

End of Report

CHIEF EXECUTIVE
OFFICER



NOTE: 1. This report is valid only for the stated sample & significant parameters.

2. Alteration of any test will be reflected in the report number only.

3. This report will be destroyed after previous client action otherwise specified.

4. This report is not to be reproduced without the prior written consent of the client.

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(ISO: 9001, 14001 & 45001 Certified & MOEF & CC Recognized Laboratory)

VIII, Kishorewala, P.O.: Jaitowala, Near Garhi Canal, Dehradun, Uttarakhand - 248003

TEST REPORT

S. No.	Parameters	Test Method	Results	Units	Report No. ECON/CW/270/2020	
					Limit of test (IS: 10500 (2012) with add. 1, 2, 3 & 4 Rev'd 2018)	Permissible Limit (in the absence of adverse notice (Max.))
26	Fluoride as F ⁻	IS 3013 (Part 1) : 1996, S.A. 2018	970.011000-0.03	mg/L	0.05	100 (maximum)
	Fluoride, Compensated	APHA 24 th Edition 2005, 2450 D	970.011000-0.001	mg/L	0.001	0.001
	Method: GC	China's IS 3013 (Part 2) : 2001	970.011000-0.01	mg/L	1.0	100 (maximum)
27	Ammonia Chloride as NH ₄ ⁺	APHA 24 th Edition 2005, 5540 C	440.011000-0.00	mg/L	0.5	1.0

*** Note: Report Generated Using GC/Compensation Data, Not For Potassium

*** End of Report ***

CMEE LAB

AUTHORIZED SIGNATURE

NOTE: 1. The results listed only to the tested sample & applicable parameters.

2. Total liabilities of our lab will be restricted to the specific amount only.

3. The sample will be delivered after retention time unless otherwise specified.

4. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law without prior permission.

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(ISO 9001, ISO 14001 Certified & NABL & CC Recognized Laboratory)
VRL Kharerwa, P.O. Jaleswar, Near Gach Canal, Dehradun, Uttarakhand - 249003



TEST REPORT

Name & Address of client: M/s. TRANSGLOBAL POWER LTD. New 220 KVA, Substation, Mangrove, VRL, Khar, Roorkee, Uttarakhand		CLR No.: TC-0007200000200710
		Reporting Date: 12/05/2023
		Date of sampling: 06/05/2023
		Receipt Date: 07/05/2023
		Period of Testing: 06/05/2023 to 12/05/2023
		Sample Collected By: Lab Representative
		Sampling Type: Civil
Sample Description: Borewell Water		Preservation: Refrigerated
Sample Location: Borewell Near Office Area		Format No.: 7.8-1-01
Sampling & Analysis Protocol: IS 3025 (Part-1)		Party Reference No.: By Mail
Sample Quantity: 05 Lit.		Parameter Required: As Per work Order

TEST RESULTS

S. No.	Parameters	Test Method	Result	Unit	Limit of as per IS: 3025-2012 with amc, I.2.5.6.4 Result 2013	
					Dissolved Lead (Max.)	Permissible Limit the absence of Adverse Source (Max.)
1.	pH (at 25°C)	IS 3025 (Part-1) (2012) Potentiometric Method	7.20		6.5 to 8.5	No restriction
2.	Color	IS 3025 (Part-1) 2012: Platinum color (visual comparison method)	< 1.5	Platinum	5	15
3.	Turbidity	IS 3025 (Part-1) (2012) Nephelometric method	< 1.0	NTU	1	5
4.	Taste	IS 3025 (Part-1) 2012	Agreeable		Agreeable	Agreeable
5.	Total Hardness as CaCO ₃	IS 3025 (Part-1) 2012: EDTA method (a) Ethylenediamine tetra acetic acid (EDTA) method	124.5	mg/l	180	500
6.	Calcium as Ca	IS 3025 (Part-1) 2012: EDTA method (a) EDTA titrimetric method	24.5	mg/l	75	200
7.	Alkalinity as CaCO ₃	IS 3025 (Part-1) 2012: Titrimetric Method	16.4	mg/l	200	500
8.	Chloride as Cl ⁻	IS 3025 (Part-1) 2012: EDTA method (a) EDTA titrimetric method	29.0	mg/l	250	1000
9.	Magnesium as Mg	IS 3025 (Part-1) 2012: Volumetric method using EDTA	13.2	mg/l	10	100
10.	Total Dissolved Solids	IS 3025 (Part-1) 2012: Gravimetric method	144.0	mg/l	500	1000
11.	Fluoride as F ⁻	IS 3025 (Part-1) 2012: Titrimetric method	0.3	mg/l	2.0	100

1.0000000000000000

AUTHOR



- NOTE: - 1. The results valid only for the tested sample & applicable parameters.
2. Total hardness of our lab will be provided in the report system only.
3. The sample will be destroyed after receiving their action after the specified.
4. This report is valid for the expenditure of which is in past and cannot be used as evidence in the court of law without other parameters.

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CONTACT NO.: +91-9514067815, 8736534344, 0135-2979350



ECON LABORATORY & CONSULTANCY LLP

(ISO 9001, 14001 & 45001 Certified & NABL & CE Recognized Laboratory)

VIL, Kacharwala, P.O. Jangamwala, Near Gadh Cart, Bikaner, Rajasthan-334007



TEST REPORT

S. No.	Parameters	Test Method	Results	Units	IS 5500:2005 (Part 1): 2005	
					Desirable Limit (mg/l)	Permissible Limit (mg/l)
13	Fluoride as F	APHA 84 th Ed. 2013, 1000 F-11, SPADNS Method	⇒ 0.00 (0.00-0.00)	mg/l	1.0	1.5
14	Iron as Fe	IS 1025 (Part 44) 1984, ICA 2018, (4) Tintometric method	⇒ 0.00 (0.00-0.00)	mg/l	40	No relaxation
15	Iron as Fe	IS 1025 (Part 5) 2005, ICA 2019, 1.10, Photometric Method	⇒ 0.00 (0.00-0.00)	mg/l	1.0	No relaxation
16	Aluminum as Al	IS 1025 (Part 5) 2005	⇒ 0.00 (0.00-0.00)	mg/l	0.05	0.2
17	Barium	IS 1025 (Part 5) 2005, ICA 2017, (4) Colorimetric method	⇒ 0.00 (0.00-0.00)	mg/l	1.0	2.4
18	Heavy Chromium as Cr	IS 1025 (Part 5) 2005, ICA 2019, (4) Diphenylpicrylhydrazyl method	⇒ 0.00 (0.00-0.00)	mg/l	0.05	No relaxation
19	Copper as Cu	IS 1025 (Part 49) 1984, ICA 2018, (4) Atomic Absorption Method	⇒ 0.00 (0.00-0.00)	mg/l	5	15
20	Copper as Cu	IS 1025 (Part 42) 1992, ICA 2018, (4) Atomic Absorption Method	⇒ 0.00 (0.00-0.00)	mg/l	0.02	1.2
21	Aluminum as Al	IS 1025 (Part 5) 2005, ICA 2010, (4) Atomic Absorption Method	⇒ 0.00 (0.00-0.00)	mg/l	0.1	0.2
22	Chromium as Cr	IS 1025 (Part 41) 1992, ICA 2010, (4) Atomic Absorption Method	⇒ 0.00 (0.00-0.00)	mg/l	0.05	No relaxation
23	Lead as Pb	IS 1025 (Part 47) 1994, ICA 2019, (4) Atomic Absorption Method	⇒ 0.00 (0.00-0.00)	mg/l	0.05	No relaxation
24	Nickel as Ni	IS 1025 (Part 46) 2005, ICA 2018, (4) Atomic Absorption Method	⇒ 0.00 (0.00-0.00)	mg/l	0.05	No relaxation
25	Aluminum as Al	IS 1025 (Part 5) 2005, ICA 2010, (4) Atomic Absorption Method	⇒ 0.00 (0.00-0.00)	mg/l	0.05	No relaxation
26	Manganese as Mn	IS 1025 (Part 40) 1994, ICA 2019	⇒ 0.00 (0.00-0.00)	mg/l	0.001	No relaxation
27	Total Hardness	IS 1025 (Part 1) (Standard 2002)	Absent	Hardness	Absent	N/A
28	T. Col	IS 1025 (Part 1) (Standard 2002)	Absent	Colony	Absent	N/A

TESTED BY

AUTHORIZED SIGNATURE



NOTE - 1. The results listed only for the tested items & applicable parameters.

2. Total number of test run will be reflected in the report issued only.

3. The sample will be destroyed after retention time unless otherwise specified.

4. This report is not to be considered validly as a part and parcel to be used as evidence in the court of law without prior permission.

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CONTACT NO.: 0146-2976189, 8126834344, 0146-2976189