Environmental and Social Monitoring Report

Reporting Period: July 2024 to December 2024 (8th Monitoring Report)

Assam Intra-State Transmission System Enhancement Project

Prepared by Assam Electricity Grid Corporation Limited, Government of Assam (AEGCL) for the Asian Infrastructure Investment Bank.

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SEMI ANNUAL ENVIRONMENTAL AND SOCIAL MONITORING REPORT

ASSAM INTRA-STATE TRANSMISSION SYSTEM ENHANCEMENT PROJECT

SUBMITTED TO ASIAN INFRASTRUCTURE INVESTMENT BANK



SUBMITTED BY ASSAM ELECTRICITY GRID CORPORATION LIMITED



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LIST OF ABBREVIATIONS

AAQS Ambient Air Quality Standards

AIIB Asian Infrastructure Investment Bank
AEGCL Assam Electricity Grid Corporation Limited

AISTSEP Assam Intra-State Transmission System Enhancement Project

AGM Assistant General Manager

ARAP Abbreviated Resettlement Action Plan
BOCW Building & Other Construction Workers

CGWB Central Ground Water Board

CTE Consent to Establish
CTO Consent to Operate
DC or D/C Double Circuit

EPC Engineering, Procurement and Construction

E&S Environment and Social

ESIA Environmental and Social Impact Assessment
ESMP Environmental and Social Management Plan
ESMOP Environmental and Social Monitoring Plan

ESMPF Environmental and Social Management Planning Framework

ESS Environment and Social Standard
EIA Environmental Impact Assessment

GoA Government of Assam
GoI Government of India

GRC Grievance Redressal Committee
GRM Grievance Redressal Mechanism

HSE&SMP Health, Safety, Environment & Social Management Plan HSE&SMoP Health, Safety, Environment & Social Monitoring Plan

HMP Hot Mix Plant

HTLS High Temperature Low Sag
IA Implementing Agency

L1 Lowest Tender or Lowest Bid

LA Land Acquisition N/A Not Arises

MoEF&CC Ministry of Environment, Forest and Climate Change

MoP Ministry of Power

NOC No Objection Certificate

OPGW Optical Power Ground Wire

PAPs Project Affected Persons

PFA Power for All PG Power Grid

PGCIL Power Grid Corporation of India Limited

PIU Project Implementation Unit
PMC Project Management Consultant
PMU Project Management Unit

PUC Pollution Under Control

ROW Right of Way

RAP Resettlement Action Plan
RPF Resettlement Policy Framework
R&R Rehabilitation and Resettlement

SPCB	State Pollution Control Board
ST	Scheduled Tribe
SC or S/C	Single Circuit
SPCB	State Pollution Control Board
S/S	Substation
STU	State Transmission Utility
T/L	Transmission Line
TPP	Tribal People's Plan
T&T	Tower and Transmission
USD	United States Dollar
UTs	Union Territories

WEIGHTS AND MEASURES

Hec (hectare)	10,000 sq. mts
kV	Kilo Volt (1,000 volts)
MVA	Mega Volt Ampere

EXECUTIVE SUMMARY

This is the 8th semi-annual monitoring report on environmental and social safeguards prepared for the Phase 1 of the Assam Intra-State Transmission System Enhancement Project" (AISTSEP). The reporting period in this report covers July to December 2024. The report has been prepared in compliance with requirements of the approved ESMPF for the AISTSEP.

Asian Infrastructure Investment Bank (AIIB) extended financial assistance for AISTSEP to Assam Electricity Grid Corporation Limited (AEGCL), the Implementing Agency (IA), to support the implementation of Power for AII (PFA) plan. PT Feedback Infra Limited, Indonesia in Association with Jade Consult Nepal and NIPSA, Spain has been engaged by AEGCL as Project Management Consultant (PMC). Phase I of the project includes the construction of 10 new substations in 400kV, 220kV and 132kV voltage level along with the associated (332.945 km) transmission lines (TL), Conversion of one no. of existing AEGCL S/S (132/33kV Gohpur) from AIS to GIS; Augmentation of 18 existing substations (replacement of old transformers with new transformers); Augmentation of 186 km of transmission line (restringing of One Single Circuit (S/C) line and two Double Circuit (D/C) line) by High Temperature Low Sag (HTLS) conductors; Replacement of ground wire to Optical Power Ground Wire (OPGW) for 636 km of transmission lines and substation equipment at substations.

The project has not been listed in the list of environmentally sensitive projects and hence, no Environmental Clearance is required, as per the Environmental Impact Assessment (EIA) Notification of 2006 and its subsequent Amendments by the Ministry of Environment, Forest and Climate Change (MoEF&CC). The project has been classified as category B, in accordance with the Environmental and Social Policy (ESP) of AIIB. There is no protected area found within the subproject area. The subprojects are located in different areas of Assam.

The following activities with regards to the Contract have been done during the reporting period.

- Compliance with Applicable Regulations/Standards is being done.
- Compliance to Environmental and Social Covenants from the AIIB Loan Agreement is being done.
- Compliance with the Environmental and Social Management Plan (ESMP) including the Environmental and Social Monitoring Plan (ESMOP) is being done.
- Provisional Time Extension with imposition of LD against Construction of 220/33, 2 X 100 MVA GIS at two locations (Bihpuria & Jakhalabandha) and associated Transmission Lines (Package-A) on turnkey basis under AllB Loan No-L0302A till 31.12.2025 has been approved on 27.12.2024 by AEGCL.
- Provisional Time Extension with Liquidated Damage (LD) against Construction of 132/33 kV, 2X5O MVA Burhigaon GIS and associated Transmission Lines (Package-C) till 30.06.2025 has been approved on 19.12.2024 by AEGCL.
- All the EPC contractors has conducted the post-monsoon Environmental Quality Monitoring (EQM) test as per approved CESMP during the reporting period.
- The ROW permission / approval for the three routes of Pkg -G has been obtained on 03.8.2024 (for one T/L) and 12.08.2024 (for two T/Ls).

- ESIA-ESMP for Transmission Line of Khumtai substation under Package-D has been submitted to AIIB on 29.08.2024. Comments/suggestion received from AIIB on 24.10.2024. Updated Rev-1 draft ESIA-ESMP incorporating the AIIB's Comments has been submitted to AIIB on 23.12.2024.
- Updated 7th Semi Annual Monitoring Report for the period January to June, 2024 incorporating the compliance of comments received from AIIB was submitted on 29.11. 2024. Approval is awaited from AIIB.
- Revised CESMP report of Rangia / Kumarikata GIS substation under Package-G incorporating compliance of comments of AIIB was submitted on 15.07.2024. Approval received from AIIB on 18.07.2024.
- Compliance of the CESMP is being done by EPC contractors under the direct supervision of PMC as per contract requirements.
- Accident monitoring is being done as per requirement. During the reporting period, some minor
 incidents occurred such as slight cut in the hand, leg, finger and knee, back and knee pain of the
 laborer working in the construction activities under several Packages.

Following are the Key issue / gaps observed and suggested corrective action

SI. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
1.	Copies of all clearances / permissions / consents (including renewal copies) viz. Erection All Risk Policy, Workmen's Compensation Policy and Labour License etc. are being submitted by EPC contractors.	EPC contractors of all packages are suggested to submit copies of all clearances / permissions / consents (including renewal copies) as per requirements of approved CESMP.	EPC contractors	7 days/ before expiry date of permissions / consents.
2.	Periodical Health check-up program has not been organized, except Package - A (Jakhalabandha), Package -G during the reporting period.	All EPC contractors are suggested to organize Health check-up program without fail.	EPC contractors	60 days for the packages where health checkup camp has not been organised / before next reporting period.
3.	 Contractor's E&S Monthly Progress Report of all packages has not submitted on regular basis except package - E. Compliance report of PMC's Monthly Site Visit Observations has not submitted by all packages except package -E. 	EPC contractors of all packages are suggested to submit Contractor's E&S Monthly Progress Report and also submit the compliance report of PMC's Monthly Site Visit Observations on regular basis without fail.	EPC contractors	Within 10 days.
4.	Deployment against the vacant Community Consultation Officer is yet to complete by EPC contractors except package – B, C, & E.	As per contract requirement, EPC Contractor need to appoint Community Consultation Officer for Transmission Line works, which is still pending.	EPC contractors	Within 7 days

SI. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
5.	Display of sufficient nos. of work - related signboard, PPE kits and proper labour facilities needs to be provided by all the EPC contractors in their respective packages. Some of the signboards on packages B (Chhaygaon S/s), C (Burhigaon S/s), and D (Khumtai S/s) are damaged or torn and need to be replaced. In Package -B, and D Labours, while working at the site, some workers damaged their safety gears, the EPC contractor unable to replace the same immediately.	EPC contractors are suggested to ensure sufficient nos. of work-related signboard is to be displayed in all project sites, PPE kits need to be provided in all project sites and proper labour facilities are also to be provided in their respective packages.	EPC contractors	Within one week
6.	Need to filling up all the necessary work-related E&S checklists regularly for all the ongoing works.	EPC contractors are suggested to filling up of work-related E&S checklists regularly in all the ongoing working sites.	EPC contractors	Activity wise / weekly / fortnightly / monthly
7.	 Need to comply with proper housekeeping, proper drainage facilities / waste management facilities. Other packages are maintaining except Packages D and A. It has been observed that proper Housekeeping not done during the time of major casting works in all the packages. 	EPC contractors of all packages are suggested to comply all requirements.	EPC contractors	Within one week
8.	Check Survey report has not been approved as per latest approved tower spotting data for all packages except package - Bhurigaon Pkg-C. 132 kv Khumtai-Sarupathar TL Pkg-D and LILO of 220kV Azara — Boko TL of Chhaygaon S/s.	EPC contractors of all packages are suggested to obtain approval of check survey report at the earliest.	EPC contractors	Before next reporting period
9.	Pending final survey for landowner identification of T/L of all packages shall be carried out jointly in all the Transmission Lines with concerned Circle Offices to finalize the land scheduling report.	Communication with concerned Circle Offices needs to be expedite.	AEGCL, PMC and EPC contractors	Before next reporting period
10.	Permission of RoW for associated T/L of package - B (Nagaon 2 substation) is awaited from District Authority.	Needs to follow up with the District Authority	AEGCL / EPC contractors	Within one month.
11.	For the RoW permission of Pkg - H, the joint verification for entire 19 km route that traverses various	Need to expedite	AEGCL / EPC contractors	Within one month.

SI. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
NO.	villages has been completed, by the Lat Mandals of the Sonapur Revenue Circle. The report is awaited from District Authority,			
12.	Kamrup (M). Need to obtain various government rates for compensation of crop.	All respective PIU officials of AEGCL needs to communicate to all stockholders / departments for obtaining various government rates for compensation of crop damage, plantation damage, tree cutting, trimming, utilities, etc. that will be damaged during construction works.	AEGCL / EPC contractors	Before next reporting period
13.	Need communicate for obtaining statutory clearance from Railway crossing, Forest clearane, NHAI, PTTC Power Grid etc.	PIU to communicate with the concerned departments for obtaining statutory clearance if any is required, such as Railway crossing, NHAI, PTTC Power Grid etc. Package-H Sonapur TL. The forest clearance of the TL, 'In-Principle Approval/Stage-I' clearance was obtained from the Central Government (IRO, MoEF&CC, Guwahati) on 30.01.2024, in favor of AEGCL. The other required processes for the final approval/Stage-II required to be done.	AEGCL / EPC contractors	Before next reporting period

1.0 Introduction

Asian Infrastructure Investment Bank (AIIB) extends financial assistance for the "Assam Intra-State Transmission System Enhancement Project" (AISTSEP) to Assam Electricity Grid Corporation Limited (AEGCL), the Implementing Agency (IA), to support the implementation of Power for All (PFA) plan. The Loan for AISTSEP Phase-I was signed on February 23, 2021 and the Loan became effective on May 19, 2021. The Loan will be closed on April 30, 2026. PT Feedback Infra Limited, Indonesia in Association with Jade Consult Nepal and NIPSA, Spain has been engaged by AEGCL as Project Management Consultant (PMC).

1.1 BRIEF PROJECT DESCRIPTION

Phase-I of the project includes the construction of 10 new substations in 400kV, 220kV and 132kV voltage level along with the associated (332.945 km) transmission lines (TL), Conversion of one no. of existing AEGCL S/S (132/33kV Gohpur) from AIS to GIS; Augmentation of 18 existing substations (replacement of old transformers with new transformers); Augmentation of 186 km of transmission line (restringing of One Single Circuit (S/C) line and two Double Circuit (D/C) line) by High Temperature Low Sag (HTLS) conductors. Moreover, one number of supplementary transmission line is added as per amendment to original loan agreement with AIIB, i.e. augmentation of new "132 kV Sarusajai –Kamakhya High Temperature Low Sag (HTLS) conductors under Package-L.; Replacement of ground wire to Optical Power Ground Wire (OPGW) for 636 km of transmission lines and substation equipment at substations.

The sub-projects are located in different areas of Assam. The location map of sub-projects is depicted in Figure -1.

10 Agomoni (63 Agomoni 65 Barnasta 15 Amily 80 / 02 Reysta 65 Barnasta 15 Amily 80 / 02 Reysta 65 Barnasta 15 Amily 80 / 02 Reysta 65 Barnasta 15 Decoration of State of State

Figure - 1: Location map of Project

1.1.1 Details of Substations and Transmission Lines

Table -1: Details of Packages (Substations and Transmission Lines)

	Name of EPC Contractor	Scope of Work					Location /		Area as	Area a			
Package		S/S Details	Transmission line details in (km)	Contract Award	Effective	Contract Completion Date	Village / Town / Tehsil / District	Division Official	Appendix -11 of ESMPF (in Hectare)	(In	Slope/ Plain	Type of Land	Ownership
	M/s Neccon Power & Infra Ltd.	100MVA), GIS	220 kV Bihpuria (New) - Sonabil (Existing) D/C Line – 88.324 km	26/07/2021	22/12/2021	21/12/2024 Provisional Time Extension till 31.12.2025	Bihpuria / North Lakhimpur	AGM, North Lakhimpur T&T Division, AEGCL	2	2	Plain low land	Agricultural land	AEGCL (Transferre d from Govt.)
A		Establishment of new 220/33kV (2X100 MVA), GIS substation at Jakhlabandha (26°34'22.32"N 92°59'47.50"E)	LILO of 220 kV Samaguri - Mariani line at Jakhalabandha (New) S/C Line - 2.715 km				Jakhalaban dha / Nagaon	AGM, Samaguri T&T Division, AEGCL, Samaguri	2.5	2	Plain	Barren	AEGCL (Transferred from APDCL)
В	R.S. Infraprojects	Establishment of new 220/33kV (2X100 MVA), GIS substation at Chhaygaon (26° 2'58.10"N 91°16'33.09"E)	LILO at Chaygaon on 220kV Azara - Boko (Existing) line - 1.61 km			31/01/2025	Chhaygaon / / Kamrup (R)	AGM, Mirza Division AEGCL, Kukurmara	1.33	1.33	Plain	Barren	AEGCL (Transferred from IGC, AIIDC)

	Name of EPC Contractor	Scope of Work					Location /	Consignee /	Area as	Area a			
Package		S/S Details	Transmission line details in (km)	Contract Award	Effective	Contract Completion Date	Village / Town / Tehsil / District	Concerned Division Official	Appendix	present (In	Slope/ Plain	Type of Land	Ownership
		Establishment of new 220/33kV (2X100 MVA), GIS substation at Nagaon-2 (26°22'43.31"N 92°41'45.98"E)	Samaguri – Sarusajai (Existing) 220kV D/C Line – 1.56 km	28/07/2021	02/02/2022		Nagaon Town / Nagaon	AGM, Nagaon T&T Division, AEGCL, Nagaon	2.63	2.003	Plain low land	Barren	AEGCL (Transferred from APDCL)
С	M/s Siddhartha Engineering Ltd JV with M/s New Modern Technomech Ltd.	•	LILO of 132 kV Rowta - Sipajhar (AEGCL- Existing) S/C Line at Burhigaon (AEGCL-New) - 11.85 km	30/07/2021	06/12/2021	06/12/2024 Provisional Time Extension till 30/06/2025	Burhigaon / Darrang	AGM 132kV (GSS) Grid Substation, Depota, AEGCL Tezpur.	0.79	0.79	Plain	Barren	AEGCL (Transferred from APDCL)
D	-	Establishment of new 220/132kV (2X160MVA), GIS substation at Khumtai (26°34'9.414"N 93° 47'10.23"E)	i.LILO of 220 kV Samaguri - Mariani line 1 at Khumtai – 10.167 km. ii.LILO of 132 kV Jorhat (W) - Bokakhat (Existing) at	04/05/2022	01/07/2022	30/06/2025	Khumtai / Golaghat	AGM, 220kV Mariani GSS, AEGCL. And AGM, T&T Division, Golaghat, AEGCL	6.8	6.83	Slope	Tea Garden land	AEGCL (Land received from Numalighar Refinery Limited)

		Scope of Work			Contract		Location /		Area as	Area a			
Package	Name of EPC Contractor	0,0 200	Transmission line details in (km)	Contract Award	Contract Effective Date	Contract Completion Date	Village / Town / Tehsil / District	Concerned Division Official	Appendix	present (In	Slope/ Plain	Type of Land	Ownership
			Khumtai (New) S/C Line – 10.198 km iii.132 kV Khumtai (New) - Sarupathar (Existing) S/C Line – 61.205 km										
Е	M/s Godrej & Boyce Mfg. Co. Ltd.	Establishment of new 220/132kV (2X160MVA), GIS substation at Agomoni (26°28'8.16"N 90° 0'40.55"E)	LILO of 220 kV Alipurduar (PGCIL) - Bongaigaon (PGCIL) D/C line at Agomoni (New) Loop In-2.640 km and Loop Out- 2.215 km	10/01/2022	09/04/2022	08/04/2025	Agomoni / Kokrajhar	AGM, 132kV Dhaligaon GSS, AEGCL	3.6	3.6	Plain	Barren	AEGCL
		Establishment of new 220/132kV (2X160 MVA), GIS substation	220 kV Sankardevnag ar (New)- Misa D/C				Shankarde vnagar / Hojai	AGM, 220kV Samaguri GSS, AEGCL	2	2	Plain	Barren	AEGCL

	Name of EPC Contractor	Scope of Work			Contract	Contract	Location /	Consignee /	Area as	Area a			
Package		S/S Details	Transmission line details in (km)	Contract Award	Effective	Contract Completion Date	Village / Town / Tehsil / District	Concerned Division Official	Appendix		Slope/ Plain	Type of Land	Ownership
		at Shankardevnagar (25°59'13.70"N 92°55'31.56"E)	Line- 26.487 km										
F	M/s Sumaja Electroinfra Pvt. Ltd.	Conversion of one existing AEGCL substation (132/33kV) Gohpur from AIS to GIS (26052'.12.3" N 93035'.41.2" E)	Not Applicable	07/11/2022	08/04/2023	07/04/2026	Gohpur / Biswanath	AGM, Nalkata Division, N. Lakhimpur	6.72	6.72	Plain	Existing AEGCL S/S	AEGCL
G	M/S Shyama Power India Limited	Establishment of new 400/220kV (2X500MVA), GIS substation at Rangia and 132/33kV GIS substation (2X50MVA Transformers) at Kumarikata (26°38'27.86"N 91°36'22.52"E)	i. LILO of both circuits of 400kV Balipara (PG) - Bongaigaon (PG) DC line with twin Moose ACSR at 400kV Rangia GIS Loop In - 1.595 km Loop Out- 0.552km ii. D/C LILO of 220kV Amingaon-Rangia at		08/07/2024	08/07/2026	Tamulpur / Baksa	AGM, Rangia, AEGCL	7.47	8.34	Plain	Agricultural Land	AEGCL (purchased from Private Owner) AEGCL disbursed the 30% advance payment of compensat ion on 31st May 2021. The final

		Scope of Work					Location /	Consignee /	Area as	Area a			
Package	Name of EPC Contractor	S/S Details	Transmission line details in (km)	Contract Award	Contract Effective Date	Effective Completion Tov		Concerned Division Official	Appendix	present (In	Slope/ Plain	Type of Land	Ownership
			Rangia GIS Loop In -31.947km Loop Out- 35.323km iii. Kumarikata (AEGCL-New) - Nalbari (AEGCL- Existing) 132 kV S/C Line on D/C Tower at Kumarikata GIS 36.271 km										payment of the remaining 70% was made on 22 nd November 2021.
Н	Kolkata, India (Lead Partner) JV with M/s.	Establishment of new 400/220 kV (2X500 MVA), GIS substation at Sonapur (26°	LILO of 1 ckt of 400 kV Silchar (PGCIL) - Byrnihat (Meghalaya) Line at Sonapur GIS (AEGCL-New) - 19.606km	19/11/2024	29/11/2024	28/11/2026	Sonapur / Kamrup (M)	AGM, Kahilipara, AEGCL	1.2	1.2	Plain low land	Barren	AEGCL
H1	M/s High-Tech Eco Green Contractors	IAnnroach Road tor	N/A	15/02/2024	22/02/2024	21/02/2025	Sonapur / Kamrup (M)	AGM, Kahilipara, AEGCL	-	2.62	Plain low- lying	Barren and Swampy	AEGCL. (Land acquisition is under

		Scope of Work					Location /	Consignee /	Area as	Area a			
Package	Name of EPC Contractor	S/S Details	Transmission line details in (km)	Contract Award	Contract Effective Date	Completion Tehsil /		Concerned Division Official	Appendix		Slope/ Plain	Type of Land	Ownership
	LLP	including the construction of CD works, RCC drain cum FP, RCC toe wall etc.									land		process).
I	M/s BLUE STAR Ltd.	Narengi: 2X50MVA, in place of 2X25MVA, 132/33kV Transformers Kahilipara: 3X50MVA, in place of 1X31.5MVA + 2X30MVA 132/33 kV, Transformers (as per ESMPF: Kahilipara: 3x50 MVA, in place of 2x31.5 MVA & 1x30 MVA, 132/33kV) Rangia: 2X50MVA, in place of 2X25MVA, 132/33kV, Transformers Kukurmara, 2X50MVA, in place of 1X25MVA + +	Not Applicable	06/09/2021	06/12/2021	05/12/2023 Provisional time Extension up to 31/03/2025							

		Scope of Work					Location /	Consignos	Area as	Area a			
Package	Name of EPC Contractor	of EPC actor S/S Details Transmission line details in (km) Contract Award Contract Effective Date Date Contract Contract Contract Contract Completion Date Town / Tehsil / District		Consignee / Concerned Division Official	Appendix		Slope/ Plain	Type of Land	Ownership				
		1X16MVA, 132/33kV Transformers Boko: 1X160MVA + 1X100MVA in place of old 1X50MVA, 220/132kV Transformers											
		{as per supply & dismantling: 1X100MVA is not available in Bill Of Quantities (BOQ)}											
J	M/s BLUE STAR Ltd.	Bornagar: 2X50MVA, in place of 2X25MVA, 132/33kV Transformers Panchgram, 2X50MVA, in place of 2X25MVA, 132/33kV Transformers Agia: 1X160MVA + 1X100MVA in place of 1X50MVA + 1X100MVA, 220/132kV	Not Applicable	19/07/2021	06/12/2021	06/12/2023 Provisional time Extension up to 31/05/2024							

		Scope of Work					Location /	Consignee /	Area as	Area a			
Package	Name of EPC Contractor	S/S Details	Transmission line details in (km)	Contract Award	Contract Effective Date	Contract Completion Date	mpletion Town / Co		Appendix		Slope/ Plain	Type of Land	Ownership
		Transformers Gauripur: 2X50MVA, in place of 2X25MVA, 132/33kV Transformers											
К	M/s Siddhartha Engineering Ltd JV with M/s New Modern Technomech Ltd.	Moran: 2X50MVA, in place of 2X16MVA, 132/33 kV Transformers Dibrugarh: 2X50 MVA, in place of 2X31.5 MVA, 132/33kV Transformers Depota: 2X50MVA, in place of 2X31.5MVA, 132/33kV, Transformers Golaghat: 2X50MVA in place of 2X25MVA, 132/33kV Transformers Shankardevnagar: 2X50MVA, in place of 2X25MVA, 132/33kV	Not Applicable	30/09/2021	06/12/2021	06/12/2023 Provisional time Extension up to 07/06/2024							

		Scope of Work			Contract		Location /	Consignos	Area as	Area a			
Package	Name of EPC Contractor	S/S Details	Transmission line details in (km)	Contract Award	Contract Effective Date	Completion Date	Village / Town / Tehsil / District	Consignee // Concerned Division Official	Appendix		Slope/ Plain	Type of Land	Ownership
		Transformers											
L	M/s APAR Industries Ltd.	Not Applicable	Augmentation of 161 km of transmission line (restringing of One Single Circuit (S/C) line and two Double Circuit (D/C) lines) by High Temperature Low Sag (HTLS) conductors	23/07/2021	14/08/2021	14/08/2023 Provisional time Extension up to 30/01/2025							
М	M/s Sterlite Power Transmissio n Ltd.	Not Applicable	Replacement of ground wire to Optical Power Ground Wire (OPGW) for 636 km of transmission lines	30/10/2021	17/01/2022	Provisional time Extension up to 30/04/2025							

1.1.2 Details of Transmission Lines

Details of transmission lines are given in the Table below.

Table 2: Details of Transmission Lines

Line length (in km) as per ESMPF	Line length (in km) as per Survey Report	No. of Towers	Right of Way (ROW in mts)	No. of Affected Villages	Names of the Affected Village
A1. Bihpuria (AEG	CL-New) – Sonabil	(AEGCL-Exist	ing) 220kV D	/C Line	
					1) Pabhoi
					2) Gereki
					3) Bapujar
					4) Kala Pani
					5) 3 No. Pulisomani
					6) 1 No. Pulisomani
					7) Gingia
					8) Uttar Gingia
					9) Solmari
					10) Bargang
					11) SeherliaKuhiar Bari
					12) Hatimara 13) Sialmari
					14) KulaguriJarani
					15) BihmariJarani
					16) Madhupur
					17) Rakhalkuthi
					18) Gosala
					19) Halibari
					20) Singlijan
00.004	00.004	202	25	40	21) Toton Bari
88.324	88.324	293	35	49	22) 1 No. Jogi Bari
					23) Itapara
					24) Jalauk Bari
					25) Gupsar
					26) Bholaguri
					27) Magani Kochari
					28) Prub Bari
					29) Dalhoushe
					30) Mohanigaon
					31) Kumar Kata
					32) 2 No. Kumar Kata
					33) 1 No. KolikaGuri
					34) Kumar Kata
					35) 2 No. Kumar Kata 36) 3 No. Kumar Kata
					37) Changmara
					38) ChangmaraGuri
					39) Major Dolani
					40) Khalihamari
					41) 1 No.Khalihamari
					42) 2 No. Khalihamari

Line length (in km) as per ESMPF	Line length (in km) as per Survey Report	No. of Towers	Right of Way (ROW in mts)	No. of Affected Villages	Names of the Affected Village 43) PetwaGusani Than 44) Dhalpur 45) KhanaPichona 46) Sarai Dholani 47) Derguwa 48) 3 No. Tatibahar 49) Jarabari (AEGCL-New) S/C line
2.715	2.715	11	35	3	 SeconeePathar SeconeeBorhola Barholagaon
B1. LILO of 220kV	Azara – Boko (AEG	CL-Existing)	D/C Line at C	hhaygaon	
1.619	1.61	9	35	2	1) 2 No. Jambari 2) Paneri
B2. LILO of Samag	uri (AEGCL- Existing	g) –Sarusajai	(AEGCL-Exist	ting) 220kV D/C	Line at Nagaon-2 (AEGCL-New)
1.565	1.56	6	35	2	 Holmare Laogaon
C. LILO of 132 kV	Rowta – Sipajhar (<i>F</i>	AEGCL-Existin	ng) S/C Line a	t Burhigaon (Al	EGCL-New)
11.858	11.85	45	27	9	 Borigaon, Kamarpara, Brahoipara, Mondalpara, 2 No Punia Niz Baruajhar Borduwabill, Warpara and Borduwaneja
D1. LILO of 220kV	Samaguri – Mariani	(AEGCL-Exis	ting) S/C Line	1 at Khumtai (A	EGCL-New) – Samaguri (AEGCL-
Existing) – S/C Lin	-			•	
10.167		34	35	5	 Helochi gaon, Khumtai- Nagaon, Leteku Chapori, Gandhi Gaon and Khumtai
D2. LILO of 132 kV	/ Jorhat (W)-Bokaki	hat (AEGCL-E	Existing) at Kl	humtai (AEGCL-	New) S/C Line
10.198	10.198 CL-New) – Sarupat	32	27	4	 Barahi Gaon, Sarkala Gaon, Barchapari Gaon, Khumtai
D3. Kilulitai (AEG	Sarupat	IIAI (ALGCE-I	LAISTING/ 132	KV 3/C LITE	1) Ikorani
61.205	61.205			31	1) Ikorani, 2) Premhora, No-1 3) Tengrajan, No-2 4) Tengrajan, 5) Rongagarh, 6) Kharua,
					7) Nahor Bari,

Line length (in km) as per ESMPF	Line length (in km) as per Survey Report	No. of Towers	Right of Way (ROW in mts)	No. of Affected Villages	Names of the Affected Village
ESMPF		198	mts) 27		8) Baramukhia, 9) Borchapori, 10) Chakali, 11) Dapathar, 12) Basapathar, 1 No 13) Herhari, 14) 2 No Herhari, 15) Jamuguri, 16) Kochari, 17) Sipaibari, 18) Dayang, 19) Oating, 20) Garigaon, 21) Borpothorua, 22) Daehomua, 23) Kathkotia, 24) Rangajan, 25) Sarargaon, 26) Telia Gaon, 27) Prajabasti, 28) 1 Long Sesabil,
					29) 2 No Doigrang,30) Pankagaon,31) Khumtai.
E1. Shankardevna	gar (AEGCL-New) –	Misa (AEGC	L-Existing) 22	20 kV D/C Line	
26.457	26.487	95	35	19	1) Hojai 2) Pam Gaon 3) Tetultala 4) Dhanuhar Basti 5) Telibasti 6) Dimrupar 7) Sholmari 8) Pub-Solmarijan 9) Nikharimukh 10) Bhedeoati 11) Bheloguri Pather 12) Fakira Basti 13) Alinagar 14) Fatehpur 15) Kathalpur 16) Solmarijanpacchim 17) DakhinBhedeoati 18) Changmaji 19) Dighaljar
E2. LILO of 220 kV		duar (PGCIL)	– Bongaigao	on (PGCIL) D/C Li	ine at Agomoni (AEGCL- New)
2.216	Loop In-2.640 km and Loop Out-	20	35	3	1) Kadamguri – II 2) Anthaibari

Assum miru-state			Right of	No. of	
Line length (in	Line length (in km) as per	No. of	Way	Affected	Names of the Affected Village
km) as per	Survey Report	Towers	(ROW in	Villages	Names of the Affected Village
ESMPF	Survey Report		mts)	Villages	
	2.215 km				3) Dhauliguri
G1. LILO of both Rangia GIS	circuits of 400kV B	alipara (PG)	– Bongaigao	n (PG) DC line v	with twin Moose ACSR at 400kV
	Loop In -1.595	6	52	1	1) Kachubari
21	Loop Out- 0.552	4	52	2	1) Kachubari
	Loop Out- 0.332	4	32	2	2) Geruapar
G2. D/C LILO of 22	20kV Amingaon- Ra	ngia at Rang	gia GIS		
					1) Khairbari
					2) 2No Nokul
					3) GokhaiHolmari
					4) Hiragata
					5) Deulkuchi
					6) Dhapergaon
	Loop In -31.947	113	35	14	7) Matikata
					8) Borghuli
					9) Gohaigoan
					10) Dongpara
					11) Jugmary
					12) Sherampara
					13) Gandibari
20					14) Kachukata
					1) Kachukata
					2) Singibari
					3) Uttar Gandhibari
					4) Gandhibari
					5) Halonbari
					6) Gurmou
	Loop Out-35.323	126	35	14	7) Paschim Chandamari
					8) Bhehbari
					9) Deulkuchi
					10) Uttar Bardal
					11) Hiragata
					12) North Bardal 13) 2No Nokul
					14) Khairbari
G3 Kumarikata (/	 \FGCI -New) = Nalh	 ari (ΔEGCL-E	 xisting) 132 k	V S/C Line on D	D/C Towerat Kumarikata GIS
33. Kamarikata (A		(**********************************		5, 5 2 011 2	1) Ramechubari
					2) Hauli
					3) Pubhawly 2 No
					4) Sarangbari
					5) Dighelipar
40	36.271	131	27	20	6) Dimilapar
					7) PurbaDimilapar
					8) Puneya
					9) Bhakatpara
					10) Borbil
					11) Uttar Barshiyal
<u>i </u>	<u>l</u>	1	1	<u> </u>	· ·

Line length (in km) as per ESMPF	Line length (in km) as per Survey Report	No. of Towers	Right of Way (ROW in mts)	No. of Affected Villages	Names of the Affected Village
					12) Bherbheri
					13) Dham Dhma
					14) Azanpur
					15) Vhalamari
					16) Rangafali
					17) Ahudhali
					18) Kachimpur
					19) Sariahtali
					20) Nalbari
H. LILO of 1 ckt of	400 kV Silchar (PG	CIL) – Byrnih	at (Meghalay	ya) Line at Sona	pur GIS (AEGCL-New)
					1. BoroThondo
					2. Moupur
					3. Ghamal
					4. Langurighat
					5. Rahuri
					6. Nartap
25	19.500	62	52	13	7. Bhung Gaon
					8. Tetelia
					9. Boda Gaon
					10. Borkusil
					11. Horikota
					12. Momora
					13. Sonapur
L1. Transmission (Capacity Augmenta	tion			
Kukurmara – Sarı	ısajai 220kV D/C lin	e HTLS REST	RINGING		
48					
L2. Gossaigaon –	Gauripur 132kV S/C	line HTLS RE	STRINGING		
62					
L3. M.BTPS (Salak	ati) – Dhaligaon 13	2kV D/C Line	HTLS RESTR	INGING	
76					
L4. New 132 kV Sa	arusajai-Kamakhya	Line HTLS RE	STRINGING	L	
9					
M. Replacement	of Ground Wire to (OPGW		<u>I</u>	
636					
	l	1	1	1	

1.2 PROJECT PROGRESS STATUS AND IMPLEMENTATION SCHEDULE

Table 3: Physical and Financial Progress Status of Project during the reporting period

SI. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31 st December, 2024 in %	Financial Progress till 31st December, 2024 in %	Ongoing work status
1	Pkg- A	Effective Date of Contract—22.12.2021 Scheduled Completion Date-22.12.2024	M/s Neccon Power and Infra Ltd	228.13	Construction of 220/33kV, 2X100MVA GIS at Bihpuria	14.26%	17.19%	 Civil and Electrical Design and Drawings review and approval process is going on. Earth filling work under progress and 10% completed. Construction of Boundary Wall under progress and 38% completed. Construction work of RE Residence under progress and 45% completed. Transformer Pad 1 55% Completed and Work under Progress & Transformer Pad 2 55% Completed. Construction of control Room Building 17% Completed and work under progress. Construction of Store building work 40% completed and work under progress. Construction of Officer hostel cum transit camp work under progress and 5% completed. Construction of Staff hostel work under progress and 16% completed. GIS building 4% Fire wall 10 %.
					Construction of 220/33kV, 2X100MVA GIS at Jakhalabandha	33.98%		 Civil and Electrical Design and Drawings review and approval process is going on. Construction of Boundary Wall under progress and 90% completed. Construction of RE' Residence under progress and 85% completed.

SI. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31 st December, 2024 in %	Financial Progress till 31st December, 2024 in %	Ongoing work status
								 Construction of Store Building under progress and 65% completed. Transformer Pad 1 95% completed & Transformer Pad 2 95% completed. 33kV Control & switchgear room 57% completed. Officer Hostel cum Transit camp 41% completed. Open Store shed 95% completed. 220kV GIS Building along with GIS bay extension 60% completed. Construction of Staff Hostel work under progress and 39% work completed. Construction of Security Barrack work under progress and 5% Work completed. Construction of Fire wall work 100% completed.
					220kV D/C Pabhoi - Bihpuria Transmission Line – 88 Km	9.5%		 Tower Design of 220kV DA, DB, DC and DD type towers vetted by IIT Guwahati. DA Type Tower Type Tested. Re-check Survey to be done as per the revised Tower spotting data.
					220kV LILO from Samaguri- Mariani (Line-1) Transmission Line at Jakhalabandha GIS- 2.71Km	9.5%		 Tower Design of 220kV DA, DB, DC and DD type towers vetted by IIT Guwahati. DA Type Tower Type Tested. Re-check Survey to be done as per the revised Tower spotting data.
2	Pkg- B	Effective Date of Contract— 02.02.2022	Consortium of M/s R.S Infra Projects Pvt.	133.98	Construction of 220/33kV, 2X100MVA GIS at	29.05%	22.6%	 Civil and Electrical Design and Drawings review and approval process is going on. Earth filling work under progress and 39% completed.

SI. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31st December, 2024 in %	Financial Progress till 31st December, 2024 in %	Ongoing work status
		Scheduled Completion Date- 02.02.2025	Ltd. & M/s Siemens Ltd		Chaygaon			 Construction of Boundary Wall under progress and 83% completed. Construction works of LM tower 100% (Foundation) completed. Construction of GIS Building under progress and 69% completed. Construction of 33kV switchgear and Control room building work under progress and 81 % completed. 100MVA Transformer Foundation work under process and 50% completed. Fire wall 40% completed
					220kV LILO from Mirza - Boko Transmission Line at Chaygaon GIS - 1.61 Km	12.42%		 Re-Check Survey Report submitted as per revised Tower Spotting data. Landowner Identification report to be resubmitted as per the approved check survey. Stub delivered at site.
					Construction of 220/33kV, 2X100MVA GIS Nagaon-2.	30.16%		 Civil and Electrical Design and Drawings review and approval process is going on. Construction of Boundary Wall under progress and 74% completed. Construction works of LM tower under progress and 80% completed. Construction of Security Barrack under Progress and 25% completed. Construction of 220 kV GIS Building Work 37% Completed. plinth beam under progress Construction of CRB under progress 50% Completed.

SI. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31 st December, 2024 in %	Financial Progress till 31st December, 2024 in %	Ongoing work status
					220kV LILO from Jawahar Nagar - Samaguri Transmission Line at Nagaon 2 – 1.56 Km	13.63%		 Re-check Survey submitted as per the revised Tower spotting data. Landowner Identification work to be resubmitted as per the approved check survey. Type tested tower design document for 220kV D/C Tower Type A, B, C and D with single ACSR Moose Conductor for wind zone 5 vetted by IIT BHU approved.
3	Pkg- C	Effective Date of Contract—06.12.2021 Scheduled Completion Date-06.12.2024	M/s Siddhartha Engineering Limited JV with M/s New Modern Technomech Pvt. Ltd	47.64	Construction of 132/33kV, 2X50 MVA GIS at location (Burhigaon)	41.65%	31.88%	 Civil and Electrical Design and Drawing document review and approval process is going on. Construction of Boundary Wall under progress and 34% completed. Construction of Transformer Foundation under progress and 83% completed. Construction of Officer' Hostel under progress and 60% completed. Construction of Security Barrack under progress and 53% completed. Construction of Staff Hostel under progress and 53% completed. Construction of RE' Residence under progress and 60% completed. Construction of Store Building under progress and 49% completed. Construction of Security Booth under progress and 45% completed. Construction of 132 kV GIS Building under progress and 39% completed.

SI.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31st December, 2024 in %	Financial Progress till 31st December, 2024 in %	Ongoing work status
					132 kV LILO of Siphajhar - Rowta Transmission Line at Burhigaon GIS— 11.85 km	28.43%		 Construction of 33kV control room Building work under progress and 49 % completed. 145kV GIS Equipment Supply Completed. Re-Check Survey report approved. Landowner Identification work Completed.
4	Pkg- D	Effective Date of Contract— 01.07.2022 Scheduled Completion Date- 01.07.2025	M/s R.S Infra Projects Pvt. Ltd. JV with Parth Electricals Pvt. Ltd.	200.65	Construction of 220/132kV, 2X160 MVA; 132/33kV, 2X50 MVA GIS at location (Khumtai)	40%	29.29%	 Civil and Electrical Design & Drawing document review and approval process is going on. Site Levelling, Land filling Soil Compaction Work 80% Completed. Construction of Boundary wall work under progress and 67% Completed. Construction of 220kV GIS Building work under Progress and 51 % completed. Construction of 132kV GIS Building work under Progress and 49 % completed. Construction of 33kV Control room building work under progress and 28 %. 2T1 Gantry tower foundation -78%. LC/LM tower 83 %. 220kV & 145kV GIS equipment supplied with mandatory spares.
					Samaguri - Mariani line 1 at Khumtai –	9.27%		Check Survey report not submitted.

SI. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31st December, 2024 in %	Financial Progress till 31st December, 2024 in %	Ongoing work status
					I0.16 km. LILO of 132 kV Jorhat (W) - Bokakhat (Existing) at Khumtai (New) Line – 10.19 km	11.16%		 Check survey report not submitted. Type testing of DA, DB and DD Tower completed at CPRI. Stub supplied at site.
					132 kV D/C Khumtai (New) - Sarupathar (Existing) Line - 61.20 km	12.59%		 Check Survey of 60 km approved. Stub supplied at site. 3 nos Foundation completed.
5	Pkg- E	Effective Date of Contract— 09.04.2022 Scheduled Completion Date- 08.04.2025	M/s Godrej & Boyce Mfg. Co. Ltd	223.48	Construction of 220/132kV, 2X160 MVA GIS at Sankardevnagar	53.25%	48.63%	 Civil and Electrical Design and Drawing and document review and approval process is going on. Construction of GIS Building Raft & Column under progress and 46% completed. Construction of RE' Residence under progress and 55% completed. Construction of Security Barrack under progress and 55% completed. Construction of Transformer Pad under progress and 80 % completed. Construction of Gantry Structures work under progress and 100% completed. Construction of Store Building under progress and 55% completed. Construction of Open Store Shed work under progress and 65% Completed.

SI. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31st December, 2024 in %	Financial Progress till 31st December, 2024 in %	Ongoing work status
					220kV D/C Transmission Line from Sankardevnagar - Misa S/S -26.45 km	12.0%		 Construction of Staff hostel cum Transit camp work under progress and 25% Completed. Construction of Fire protection wall work under progress and 100% completed. Re-Check survey report submitted according to revised tower spotting data. Tower Design of 220kV DA, DB, DC and DD type towers vetted by IIT Guwahati. DA Type tower Type tested successfully.
					Construction of 220/132kV, 2X160 MVA GIS at Agomoni	55.90%		 Civil & Electrical Design and Drawings review and approval process is going on. Construction of GIS Building Raft & Column under progress and 54% completed. Construction of 145kV Control Room Building under progress and 76% completed. Foundation of Gantry Tower- 2T-1, 2T-2, 1T-3, 1T-2A, 1T-2B, 1T-A1 and 1T-1B Type 100% completed. Construction of Transformer Pad (excavation & PCC) under progress and 90% completed. Foundation of Mounting structure of equipment's are under-progress. 245kV GIS equipment's supply completed. 2 no 160 MVA Transformer supplied. Fire Protection wall 70% Store building 34%
					220kV LILO of both Circuit of	12%		 Re-Check survey report need to be submitted as per revised tower spotting data.

SI. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31st December, 2024 in %	Financial Progress till 31 st December, 2024 in %	Ongoing work status
					Alipurduar – Bongaigaon (PGCIL) D/C Line at Agomoni GIS– 3 Km			 Tower Design of 220kV DA, DB, DC and DD type towers vetted by IIT Guwahati. DA Type tower Type tested successfully.
6	Pkg- F	Effective Date of Contract— 08.04.2023 Scheduled Completion Date- 07.04.2026	M/s Sumaja Electro Infra Pvt. Ltd.	46.56	Conversion of existing 132 kV Gohpur AIS to GIS Substation	40%	20%	 Drawing submission and approval under progress Construction of 132kV GIS building work under progress and 75 % Completed. Construction of Store building under progress and 83% Completed. Construction of Open Store Shed work under progress and 34% Completed.
7	Pkg- G	Effective Date of Contract— 19.03.2024 Scheduled Completion Date- 18.03.2026	M/s Shyama Power India Limited JV with M/s Stelmec Limited	845.65	Construction of 400/220kV, 2X500 MVA GIS; 220/132kV 1X160 MVA GIS; 132/33kV, 2X50 MVA AIS (Kumarikata) at one location (Rangia) and its associated lines.	8.65%		 Notification of intention to award the Contract has been issued on 29-02-24. The contract with M/s Shyama Power India Limited JV with M/s Stelmec Limited was signed on 19th March, 2024 Site preparation and Earth filling with compaction work 35 %
8	Pkg- H	Effective Date of Contract— 19.11.2024 Scheduled Completion	M/s. Techno Electric & Engineering Co. Ltd, Kolkata, India	615.99	Construction of 400/220kV, 2X500 MVA GIS at location (Sonapur) and its associated	3%	7%	 The contract with M/s. Techno Electric & Engineering Co. Ltd, Kolkata, India (Lead Partner) JV with M/s. KRR TPPL, Hyderabad, India was signed on 19/11/2024. Drawing submission and approval under progress.

SI. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31st December, 2024 in %	Financial Progress till 31 st December, 2024 in %	Ongoing work status
		Date- 28.11.2026	(Lead Partner) JV with M/s. KRR TPPL, Hyderabad, India		lines.			
9	Pkg-H1	Effective Date of Contract– 22.02.2024	M/s High-Tech Eco Green Contractors LLP	16.52	Construction of Approach Road for 400/220/132kV Substation at Sonapur including construction of CD works, RCC drain cum FP, RCC toe wall etc.	60 %		Earth filling, compaction, retaining wall etc.
10	Pkg- I	Effective Date of Contract—06.12.2021 Scheduled Completion Date-06.12.2023	M/s Blue Star Limited	61.27	Augmentation / Upgradation of 132/33 kV Substations at: i. Narengi ii. Kahilipara iii. Rangia iv. Kukurmar v. Boko	95%	92%	 Supply of Major items completed. 9 nos. of power transformer delivered at site. 2 no. 50MVA Transformer commissioned at Kukurmara GSS. 1 no. 50 MVA Transformer commissioned at Narengi GSS. 1 no. 50 MVA Transformer –(I) Commissioned at Kahilipara GSS & Second (II) 50 MVA Transformer Erection Completed. 1 no. 50MVA Transformer Commissioned at Sishugram GSS. 1 no. 50MVA Transformer Commissioned at Rangia and

SI.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31 st December, 2024 in %	Financial Progress till 31st December, 2024 in %	Ongoing work status
					vi. Nalbari			 Nalbari GSS. 1no. 160MVA Transformer pad Foundation completed. Erection work under progress at Boko GSS. 1 no. 2nd 50MVA Transformer Commissioned at Rangia
11	Pkg- J	Effective Date of Contract—06.12.2021 Scheduled Completion Date-06.12.2023	M/s Hi-Tech Corporation JV with M/s Technical Associates Ltd (JV Partner)	42.7	Augmentation / Upgradation of 132/33 kV Substations at: i. Bornagar ii. Panchgram iii. Gauripur iv. Hailakandi Augmentation / Upgradation of 220/33 kV Substation at Agia	100%	97%	 1 no. of 50 MVA transformer commissioned at Panchgram GSS. 2 no. of 50 MVA transformer commissioned at Gauripur GSS 2 no. 50 MVA Transformer commissioned at Barnagar GSS. 1x160MVA Transformer Commissioned at Agia GSS. 1 no. of 50 MVA transformer commissioned at Hailakandi GSS.
12	Pkg- K	Effective Date of Contract—06.12.2021 Scheduled Completion Date-06.12.2023	M/s Siddhartha Engineering Private Ltd.	43.98	Augmentation / Upgradation of 132/33 kV Substations at: i. Dibrugarh ii. Depota iii. Golaghat iv. Rowta v. Moran vi. Samaguri vii. Sarusajai	100%	97%	 1 no. of 50 MVA transformer commissioned at Panchgram GSS. 2 no. of 50 MVA transformer commissioned at Gauripur GSS 2 no. 50 MVA Transformer commissioned at Barnagar GSS. 1x160MVA Transformer Commissioned at Agia GSS. 1 no. of 50 MVA transformer commissioned at Hailakandi GSS.

SI. No.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31 st December, 2024 in %	Financial Progress till 31st December, 2024 in %	Ongoing work status
13	Pkg- L	Effective Date of Contract—14.08.2021 Scheduled Completion Date—14.08.2023	M/s Apar Industries Ltd	97.82	Augmentation of Transmission Line Capacity (Three Lines) (HTLS) (148 Ckm) i. 220kV Sarusajai - Mirza Transmission line ii. 132 kV Salakati - Dhaligaon Transmission line iii. 132 kV Gossaigaon - Gauripur Transmission Line iv. New 132 kV Sarusajai- Kamakhya Line	98%	97.94%	 Stringing work of 132 kV Gossaigaon - Gauripur Transmission Line completed and line charged. Stringing work of 132 kV Salakati - Dhaligaon Transmission line completed and charged. HTLS Stringing work of 220 kV D/C Mirza (Kukurmara) - Sarusajai Transmission Line Completed. In addition, to the original scope of work the restringing of 132 KV existing Sarusajai-Kamakhya transmission line by HTLS conductor is included in the scope of work. Supply of HTLS Conductor and insulator, Hardware fitting Supply Completed for 132 kV Sarusujai-Kamakhya Transmission Line. Re-Stringing of 132kV existing Sarusujai- Kamakhya transmission Line by HTLS conductor S/C Stringing work under progress and 21.669 Km completed.
14	Pkg- M	Effective Date of Contract— 17.01.2022 Scheduled Completion Date- 16.01.2025	M/s Sterlite Power Transmission Ltd.	43.08	Augmentation of the communication backbone - Replacement of existing ground wire by OPGW (636 km) i. 220kV Mariani to Samaguri Circuit	96.30%	8006%	 Stringing works of 220kV Namrup – Mariani Line Completed. Stringing works of 132kV Gossaigaon – Gauripur Line (61.60 km) Completed Stringing works of Gauripur-Bilasipara 37.028 km completed Stringing works of 132kV Gossaigaon SS to Dhaligaon SS Line 59.432 km Completed

SI.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31 st December, 2024 in %	Financial Progress till 31st December, 2024 in %	Ongoing work status
					-1 (LILO at Khumtai and Jakhalabandha GIS) ii. 132kV Majuli to Nalkata (North Lakhimpur) iii. 132kV Dibrugarh to Lakwa (LILO at Behiating & Moran) iv. 220kV Mariani to Namrup v. 132kV Gossaigaon to Gauripur vi. 132kV Gossaigaon to Dhaligaon vii. 132kV Gauripur to Bilasipara viii. 132kV Bilasipara to Kokrajhar ix. 132kV			 Stringing works of 132kV Bilasipara SS to Kokrajhar SS completed (23.480 km) Stringing works of 132kV Kokrajhar SS to Salakati SS completed (9.571 km) OPGW Stringing work completed for 132kV Majuli-Nalakata line (46 km out of 46 km) 132kV Dibrugarh to Lakwa (LILO at Behiating & Moran) 63.934 Km Completed. OPGW Stringing work in progress for 220kV Mariani-Samaguri line (133.72 km out of 167 Km) Total 577Km's / 636 Km's OPGW stringing Completed. 30 Nos Communication /FOTE equipment supply at site, 30 out of 30 substation installations done. 20 SAT complete (FOTE) & 10 under progress. 17 Nos JMC of Lower Assam Signed.

S	l. Io.	Pkg No.	Effective/ Schedule Completion date	Agency	Order Value (INR Cr.)	Sub Station/ Transmission Line Name	Overall Physical Progress till 31 st December, 2024 in %	Financial Progress till 31st December, 2024 in %	Ongoing work status
						Kokrajhar to Salakati			

1.3 BRIEF PROGRESS SATUS OF THE PROJECT

Brief progress status of the project for activity during the reporting period is given in the table below.

Table 4: Brief Progress status of the project

Project Component Stage	Progress Status {not yet started; on-going; completed}	Percent Completed	Remarks
Substation Component Sub-project ESIA / RP disclosed	On-going	100%	ESIA/ESMP for all Substation components has been prepared and approval received and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/) As per the requirements of ESMPF, abbreviated resettlement action plan for three numbers of sub-stations namely, 220/33kV Nagaon-2, 220/33kV Bihpuria and 400/220kV Rangia/Kumarikata SS has been prepared and approval received and the same documents has been uploaded in the AEGCL website. (https://www.aegcl.co.in/aiib-project-details/). To monitor the implementation of ESIA-ESMP for all subprojects, site visits were conducted on a regular basis and the
TL Component Sub-project ESIA / RP disclosed	ESIA – ESMP preparation - On- going	_	 ESIA-ESMP for Transmission Line of Khumtai substation under Package-D has been submitted to AIIB on 29.08.2024. Comments/suggestion received from AIIB on 24.10.2024. Updated Rev-1 draft ESIA-ESMP incorporating the AIIB's Comments has been submitted to AIIB on 23.12.2024. ESIA-ESMP for Transmission Line of Burhigaon substation under Package-C is under preparation. ARAP will be preared after landowner identification of affected persons.
Contract Award	On-going	100%	All the Contracts have been awarded including Package H (Sonapur S/s and associated T/L awarded on 19.11.2024).
Construction (civil works, installation of equipment etc.)	boundary wan	Approx. 51.83% {considering equal weightage to all S/s, T/L (except package G and H) Augmentation pacakges of S/s, HTLS, OPGW and approach road of	Construction of boundary wall for the S/S, construction of GIS building, GIS Bay foundation, Security barrack, RE building, control room building, construction of transformer pad and grantry for Transmission line, foundation of LM tower, installation of transformer in augmentation package and Stringing of OPGW lines, HTLS lines has been done in the reporting period.

Assam Intra-State Transmission System Enhancement Project, Phase-1

Project Component Stage	Progress Status {not yet started; on-going; completed}	Percent Completed	Remarks
		Sonapur S/s)	

The project site-specific Gantt chart (L2 Schedule) has been included in respective CESMP reports and a sample copy of the same has been given in **Appendix - 3.**

2.0 Compliance with Applicable Regulations/Standards

The status of Compliance with Applicable Regulations/Standards during the reporting period is given below.

2.1 ESIA - ESMP documentation status of each package as per approved ESMPF

Table 5: ESIA - ESMP documentation status of each package as per approved ESMPF

			able 5: ESIA - ESIMP documentation status of eac	CII P	ackage as per approved Estern	<u>'</u>
Pkg	Location	Name of the EPC	Status of ESIA-ESMP	St	tatus of CESMP report package	Abbreviated Resettlement Action Plan
No		contractor			wise	(ARAP)
А	Bihpuria	M/s NECCON Power & Infra Ltd	 Draft ESIA-ESMP for S/S Submitted to AIIB on 14.07.2021 (1st draft) and on 08.02.2022 (revised). As per the discussion held during the AIIB Mission in the month of April 2022 final ESIA-ESMP was revised and sought approval for uploading in the public domain by AEGCL on 30.04.2022. Approval received from AIIB on 30.04.2022. ESIA-ESMP for the Transmission line will be prepared after completion and submission of the land scheduling by the EPC Contractor and further approval by the Revenue department. 	•	R0 CESMP submitted to AIIB on 23.03.2022. R1 CESMP submitted to AIIB on 20.04.2022. R2 Updated CESMP submitted to AIIB on 26.04.2022. Approval received from AIIB on 05.05.2022. R3 Updated CESMP submitted to AIIB on 17.10.2022. Approved by AIIB on	 ARAP report of Bihpuria Substation for four non-title holders submitted and approval received from AIIB on 28th April, 2023 and same has been Disclosed/Uploaded the in AEGCL website. ARAP for associated Transmission Line will be prepared after assessment of the landowners' identification of Tower base area / ROW and Zirat and will be submitted before commencement of transmission work.
	Jakhlabandha	_ Infra Ltd	 The joint survey of landowner identification of the Transmission Line is under process in the Bihpuria substation. The joint survey of land owner identification survey of the Transmission Line in the Jakhlabandha substation is completed. A detailed assessment of the land requirement for tower footing is under process. 	•	12.12.2022. CESMP will be updated with Transmission Line component after approval of ESIA-ESMP of Trasmission Line.	 Not required for the S/S land as no land acquisition is needed. ARAP for associated Transmission Line will be prepared after assessment of the landowners' identification of Tower base area,/ ROW and Zirat and will be submitted before commencement of transmission work.
В	Chhaygaon		 Draft ESIA-ESMP for S/S Submitted to AIIB on 14.07.2021 (1st draft) and on 08.02.2022 (revised). As per the discussion held during the AIIB Mission in the month of April, 2022, final ESIA-ESMP was revised and seek approval for uploading in the public domain by AEGCL on 30.04.2022. Approval received from AIIB on 30.04.2022. ESIA-ESMP for the Transmission line will be 		R0 CESMP submitted to AIIB on 10.03.2022. R1 CESMP submitted to AIIB on 20.04.2022. R2 Updated CESMP submitted to AIIB on 26.04.2022. Approval received from AIIB on 05.05.2022.	 Not required for the S/S land as no land acquisition is needed. ARAP for associated Transmission Line will be prepared after assessment of the landowners' identification of Tower base area,/ ROW and Zirat and will be submitted before commencement of transmission work
В	Nagaon 2			•	R3 Updated CESMP submitted to AlIB on 02.01.2023. Approved by AlIB on 13.01.2023 CESMP will be updated with Transmission Line component after approval of ESIA-ESMP of Trasmission Line.	 ARAP report of Nagaon 2 substation for seven non-title holders submitted and approval received from AIIB on 23.02.2023 and same has been Disclosed/Uploaded the in AEGCL website. ARAP for associated Transmission

Pkg No	Location	Name of the EPC contractor	Status of ESIA-ESMP	St	tatus of CESMP report package wise	Abbreviated Resettlement Action Plan (ARAP)
			• The joint survey of land owner identification of the Transmission Line is completed. Report preparation is under progress in Circle Office, Nagaon Sadar and is awaited from CO, Nagaon Sadar.			Line will be prepared after assessment of the landowners' identification of Tower base area,/ ROW and Zirat and will be submitted before commencement of transmission work.
С	Burhigaon	M/s Siddhartha Engineering Ltd JV with M/s New Modern Technomech Ltd.	 public domain by AEGCL on 30.04.2022. Approval received from AIIB on 30.04.2022. ESIA-ESMP for the Transmission line is under preparation. However, a re-survey of land owner identification was conducted jointly and completed by Lot 	•	R0 CESMP submitted to AIIB on 01.04.2022. R1 CESMP submitted to AIIB on 20.04.2022. R2 Updated CESMP submitted to AIIB on 26.04.2022. Approval received from AIIB on 05.05.2022. R3 Updated CESMP submitted to AIIB on 10.11.2022. Approval received from AIIB on 21st November, 2022. CESMP will be updated with Transmission Line component after approval of ESIA-ESMP of Trasmission Line.	 Not required for the S/S land as no land acquisition is needed. ARAP for associated Transmission Line will be prepared after assessment of the landowners' identification of Tower base area,/ ROW and Zirat and will be submitted before commencement of transmission work.
D	Khumtai	M/s R. S. Infraprojects Pvt. Ltd. JV with M/s Parth Electricals	 Draft ESIA-ESMP for S/S Submitted to AIIB on 19.05.2022 by AEGCL. Approval received from AIIB on 27.06.2022 ESIA-ESMP for Transmission Line of Khumtai substation under Package-D has been submitted to AIIB on 29.08.2024. Comments/suggestion received from AIIB on 24.10.2024. Updated Rev-1 draft ESIA-ESMP incorporating the AIIB's Comments has been submitted to AIIB on 23.12.2024. 	•	As per updated format received from AIIB, updated CESMP is submitted to AIIB on 7th September, 2022. Approval from AIIB received on 12th Sepetember, 2022 CESMP will be updated with Transmission Line component after approval of ESIA-ESMP of Trasmission Line.	 Not required for the S/S land as no land acquisition is needed. ARAP for associated Transmission Line will be prepared after assessment of the landowners' identification of Tower base area,/ ROW and Zirat and will be submitted before commencement of transmission work.
E	Agomoni	M/s Godrej & Boyce Mfg. Co. Ltd.	 Draft ESIA-ESMP for S/S Submitted to AIIB on 19.05.2022. Approval received from AIIB on 27.06.2022. ESIA-ESMP for the Transmission line will be 	•	As per updated format received from AIIB, updated CESMP is submitted to AIIB on 7th September, 2022.	 Not required for the S/S land as no land acquisition is needed. ARAP for associated Transmission Line will be prepared after assessment of

Pkg No	Location	Name of the EPC contractor	Status of ESIA-ESMP	Status of CESMP report package wise	Abbreviated Resettlement Action Plan (ARAP)
			prepared after completion and submission of the land scheduling by the EPC Contractor and further approval by the Revenue dept.	 Approval from AIIB received on 13th Sepetember, 2022 CESMP will be updated with Transmission Line component 	the landowners' identification of Tower base area,/ ROW and Zirat and will be submitted before commencement of transmission work.
	Shankardev Nagar		 Draft ESIA-ESMP for S/S Submitted to AIIB on 14.07.2021 (1st draft) and on 08.02.2022 (revised). As per discussion held during AIIB Mission in the month of April, 2022, final ESIA-ESMP was revised and seek approval of uploading in the public domain by AEGCL on 30.04.2022. Approval received from AIIB on 30.04.2022. ESIA-ESMP for the Transmission line will be prepared after completion and submission of the land schedulling by EPC Contractor and further approval by Revenue dept. The joint survey of landowner identification of the Transmission Line is under process. 	after approval of ESIA-ESMP of Trasmission Line.	 Not required for the S/S land as no land acquisition is needed. ARAP for associated Transmission Line will be prepared after assessment of the landowners' identification of Tower base area,/ ROW and Zirat and will be submitted before commencement of transmission work.
F	Construction of 132/33kV GIS Scheme Conversion from AIS at location (Gohpur) Package-F	M/s Sumaja Electro Infra Pvt. Ltd.	• ESIA & ESMP report for Package - F submitted to AIIB 27.10.2022 and approval from AIIB received on 31.10.2022.	Updated CESMP prepared and submitted to AIIB on 30th May, 2023 and approval from AIIB received on 13th June, 2023	 Not required for the S/S land as no land acquisition is needed. No scope of Transmission Line work.
G	Rangia/ Kumarikata	M/s Shyama Power India Limited, Gurugram, India JV with M/s Stelmec Limited, Mumbai, India	 Draft ESIA-ESMP for S/S Submitted to AIIB on 14.07.2021 (1st draft) and on 08.02.2022 (revised). Revised ESIA-ESMP for S/S Submitted to AIIB on 31.05.2022 by AEGCL. Approval received from AIIB on 27.06.2022. ESIA-ESMP for Transmission line will be prepared after completion and submission of the land scheduling by EPC Contractor and further approval by Revenue dept. 	Rev1 CESMP report prepared and submitted to AIIB on 04.06.24. Comments/observation/suggestion received in CESMP report from AIIB on 21.06.24. Addressing the comments and submitted to AIIB on 15th July, 2024. Approval received from AIIB on 18th July, 2024 CESMP will be updated with Transmission Line component after	Abbreviated Resettlement Action Plan cum TDP report for 400/220kV/132/33kV Rangia/Kumarikata S/S submitted and approval received on 13.12.2022 and Same has been Disclosed/Uploaded the in AEGCL website. • ARAP for associated Transmission Line will be prepared after assessment of the landowners' identification of Tower base area,/ ROW and Zirat and will be submitted before commencement of

Pkg No	Location	Name of the EPC contractor	Status of ESIA-ESMP	Status of CESMP report package wise	Abbreviated Resettlement Action Plan (ARAP)
				approval of ESIA-ESMP of Trasmission Line.	transmission work.
н	Sonapur		 Draft ESIA-ESMP for S/S Submitted to AIIB on 14.07.2021 (1st draft) and on 08.02.2022 (revised). Revised ESIA-ESMP for S/S Submitted to AIIB on 31.05.2022. Approval received from AIIB on 27.06.2022. ESIA-ESMP for the Transmission line will be prepared after completion and submission of the land scheduling by EPC Contractor and further approval by Revenue dept. 	CESMP report is under preparation. CESMP will be updated with Transmission Line component after approval of ESIA-ESMP of Trasmission Line.	Not required for the S/S land as no land acquisition is needed. • ARAP for associated Transmission Line will be prepared after assessment of the landowners' identification of Tower base area,/ ROW and Zirat and will be submitted before commencement of transmission work.
H1	Sonapur	M/s High- Tech Eco Green Contractors LLP	• ESIA-ESMP for approach road to Sonparur Substation was prepared and submitted to AIIB on 19.01.2024. Approval received from AIIB on 13th March, 2024.	 CESMP report of proposed approach road to Sonapur S/s has been submitted to AIIB on 13th March, 2024 and approval received on 18th March, 2024. 	 Payment to the district administration is disbursed for the acquired land from AEGCL as per the 2013 Land acquisition Act. The Affected Land owner identification under finalization form the concern revenue depart. ARAP will be prepared after finalization of the same
ı	Narengi Kahilipura Rangia Kukurmara Boko Nalbari	M/s BLUE STAR Ltd.	 E&S Audit Checklist Submitted to AIIB on 28.12.2021. Approval received from AIIB on 25.03.2022. 	Updated CESMP submitteed to AllB on 31.10.2022. Approval received by AllB on 3rd November. 2022.	ARAP not required; AEGCL existing land.
J	Barnagar Panchgram Agia Gauripur Hailakandi	M/s Hi-Tech JV with M/s TAL Ltd.	 E&S Audit Checklist Submitted to AIIB on 28.12.2021. Approval received from AIIB on 25.03.2022 	 R1 CESMP submitted to AIIB on 28.02.2022. Approval received from AIIB on 03.03.2022. R2 Updated CESMP submitted to AIIB on 10th February, 2023, approval received from AIIB on 16th February, 2023 	ARAP not required; AEGCL existing land.
К	Moran Dibrugarh Depota	M/s Siddhartha	• E&S Audit Checklist Submitted to AllB on 28.12.2021.	 R1 CESMP submitted to AIIB on 27.04.2022. Approval received from AIIB on 	ARAP not required; AEGCL existing land.

Pkg No	Location	Name of the EPC contractor	Status of ESIA-ESMP	Status of CESMP report package wise	Abbreviated Resettlement Action Plan (ARAP)
L	Golaghat Rowta Samaguri Sarusajai BTPS (Salakati)-Dhaligaon) D/C Kukumara-Sarusajai D/C Gossaigaon-Gauripur S/C	Engineering Ltd M/s APAR Industries Ltd.	 Approval received from AIIB on 25.03.2022. As this package only involves augmentation-replacement of old existing conductors by HTLS Conductors, E&S Documents submitted on 12.01.2022. Approval on Environmental aspects received from AIIB on 13.01.2022. ESIA & ESMP report for Package - L submitted to AIIB on 01.11.2022 and approval from AIIB received on 03.11.2022. Extended ESIA-ESMP report for Augmentation of 132 kV S/C Sarusajai to Kamakhya. Transmission Line in addition to the original scope of 3 nos. Transmission Line by High temperature low sag (HTLS) conductor submitted to AIIB on 15th September, 2023 and approval received from AIIB on 11th October, 2023. Extended CESMP report for Augumentation of 132 kV S/C Sarusajai to Kamakhya. Transmission Line in addition to original scope of 3 nos. Transmission Line by High temperature low sag (HTLS) conductor submitted to AIIB for record on 15th December, 	 10.05.2022. R2 Updated CESMP submitted to AIIB on 18th February, 2023, approval from AIIB received on 28th April,2023. R1 CESMP submitted to AIIB on 27.02.2022. Approval received from AIIB on 01.03.2022 R2 Updated CESMP submitted to AIIB on 19.01.2023. Approval received from AIIB on 30th January, 2023. Preparation of extended CESMP for augmentation of new HTLS Line is under progress. Extended/Updated CESMP report submitted to AIIB on 15.12.2023 	ARAP not required; AEGCL existing land.
M	Stringing 636 KMS of OPGW Cable Fibre optics on Station Equipments at 15 Substations	M/s Sterlite Power Transmission Ltd.	ESIA & ESMP report submitted and approved by AIIB on 28.09.2022.	As per the updated format of CESMP received from AIIB, report sent to AIIB on 7 th September,2022 and approved by AIIB on 13th September, 2022.	N/A

Table 6: Status of E&S Semi Annual Monitoring Report

SI. No.	Name of the report	Status of SAMR
1		1 st Semi Annual Monitoring Report for the period January to June, 2021 was submitted to AIIB on 30 th September, 2021 and approval received from AIIB on 6 th January, 2022 and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)
2		2 nd Semi Annual Monitoring Report for the period July to December, 2021 was submitted to AllB on 21st June, 2022 and approval received from AllB on 9th August, 2022 and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)
3		3 rd Semi Annual Monitoring Report for the period January to June, 2022 was submitted to AllB on 12th August, 2022 and approval received from AllB on 17th November, 2022 and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)
4	E&S Semi Annual Monitoring Report	4 th Semi Annual Monitoring Report for the period July to December, 2022 was submitted to AIIB on 10th February, 2023 and approval received from AIIB on 13.02.2023 and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)
5		5 th Semi Annual Monitoring Report for the period January to June, 2023 was submitted to AIIB on 29th July, 2023 and approval received from AIIB on 8th August, 2023 and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)
6		6 th Semi Annual Monitoring Report for the period July to December, 2023 was submitted to AIIB on 22.02.2024 and approval received from AIIB on 3rd September, 2024 and the documents disclosed in the AEGCL's website. (https://www.aegcl.co.in/aiib-project-details/)
7		7 th Semi Annual Monitoring Report for the period January to June, 2024 was submitted to AIIB on Updated 7 th Semi Annual Monitoring Report for the period January to June, 2024 incorporating the compliance of comments received from AIIB was submitted on 29.11. 2024. Approval is awaited from AIIB.

2.2 Mobilisation of E&S resources at each level i.e. PMU, PMC, and contractors

Table 7: Mobilisation of E&S resources at each level i.e. PMU, PMC, and contractors

SI. No.	Name	Designation	Qualifications	Experience	Contact Details	Email ID
E&	S staff of Project I	Management Unit	(PMU)			
1	Mr. DibyaJyoti Baruah	Social Specialist	M.A (Economics)	15+ years	9854339228	
2	Mr. Sukanta Bhattacharjee	Social Specialist	Master of Social Work	14+ years	7002298355	
3	Mr. Rahul Choudhury	Environmental Specialist	M. Sc Environmental Science	11+ years	9864476471	es.aegcl.pmu@gmail.com
4	Mr. Bodhaditya Roy	Environmental Specialist	M. Sc Environmental Science	7+ years	9706663284	
E&	S staffs of Project	Management Con		T		
1	Mr. Khanin Baishya	Senior Social Safeguard Expert	M.A (Geography), PGD in Rural Development	25+ years	9864223185	
2	Dr. Sandipan Das	Senior Environmental Safeguard Expert	Ph. D – Life Sciences M.Tech – Civil (Env Engineering) M.Sc - Botany	22+ years	8750320755	
3	Mr. Bijit Borah	Environmental Investigation Officer	M.Tech (Material Science & Technology) B.E (Mechanical Engineering) 1-year Diploma in Health, Safety and Environment	8+ years	7002852186	aegcl.pmc@feedbackinfra.co m
4	Mr. Dipshagai Kalita	Environmental Investigation Officer	M. Sc. (Zoology)	1+ years	9957048366	
5	Mr. Bhaskar Deep Bharali	Environmental Investigation Officer	B. Sc. In Environment, Health and Safety, 1 Yr Diploma in Fire and Safety	1+ years	7002591698	
6	Mr. Kaushik	Social	Bachelor of Arts	14+ years	6001618055	

SI. No.	Name	Designation	Qualifications	Experience	Contact Details	Email ID
	Das	Investigation Officer				
7	Mr. Nitumoni Sharma	Social Investigation Officer	Bachelor of Arts	12+ years	9864262937	
8	Mr. Rahul Gupta	Social Investigation Officer	Bachelor of Arts	5+ years	9472736118	
E&:	S staff of Enginee	ring Procurement a	and Construction C	ontractors (a	s per CESMP)	
Pac	kage A (Jakhlaba	ndha & Bihpuria)			1	
1	Mr. Basanta Das	EHS Officer	Diploma in Industrial Safety Engineering, Industrial Training at Fire Service Station	9+ years	8638227648	neccon@necconpower.com
2	Mr. John Tirkey	EHS Officer	Bachelor of Arts, Diploma in Fire & Safety	3+ years	7636061988	
3	**Under Recruitment	Community Consultation Officer				
Pac	kage B (Chhayga	on & Nagaon 2)				
1	Mr. Uday Pratap Singh	EHS Officer	M. Sc, Zoology (Diploma in Industrial Occupational Health Safety Environment and Pollution)	3 + years	9997188019	
2	Mr. Ajit Kumar	EHS Officer	Diploma in Electrical Engineering, PGD in Industrial Safety	7+ Years	7039380677	site.chaygaon@gmail.com site.nagaon@gmail.com
3	Mr. Pintu Shaw	Community consultation Officer	Mechanical Engineering, Advance Diploma Industrial Safety and Master of Science in Environmental Science	8+ Years	8910075617	
Pac	kage C (Burhigao	n)				
1	Mr. Pankaj Cutia	EHS Officer	Diploma in Fire & Safety	3+ Years	9957849923	dn.bhattacharya@selindia.ne
2	Mr. Gautam	Community	Bachelor of Arts	1+ Year	9387491756	t

SI. No.	Name	Designation	Qualifications	Experience	Contact Details	Email ID
	Bezbaruah	Consultation Officer				sk.bhanja@selindia.net
Pac	kage D (Khumta	i)		•	-	
1	Md Rafi Ahmed	EHS Officer	P.G. Diploma in Industrial Fire & Construction Safety Management	4+ Years	8340662457	
2	**Under Recruitment	Community Consultation Officer	-	-	-	
Pac	kage E (Shankar	devnagar & Agomai	ni)			
1	Mr. Imran Ansari	EHS Officer	Diploma in Mechanical Engineering, Diploma in Industrial Safety management	14+ years	7979700198	sagnikb@godrej.com
2	Md. Prince Ansari	EHS Officer	M. Sc. In Physics, Diploma in Industrial Safety management	9+ years	8072101664	dgarai@godrej.com bhaktas@godrej.com
3	Mr. Dharmveer Kumar Sharma	Community Consultation Officer	BSc in Chemistry Diploma in Industrial Safety Management Diploma in Fire Safety Management and Diploma in Environmental Engineering Management	17+ years	6376219569	
Pac	kage F (Gohpur)					
1	Mr. Zakir Hussaian	EHS Officer	B. Sc, Advanced Diploma in Industrial safety	2+ Years	6299108684	sumajaprojects@gmail.com
2	Recruitment	Community Consultation Officer	-	-		singharun0031@gmail.com
Pac	kage G (Rangia-I	Kumarikata)				
1	Mr. Ramjan Ali	EHS Officer	Diploma in Fire & Safety Engineering	3+ Years	6003352013	guwahati@shyamapower.cor

SI. No.	Name	Designation	Qualifications	Experience	Contact Details	Email ID		
2	**Under Recruitment	Community Consultation Officer	-	-	-			
Coı	** Repeated communication has been made to all EPC contractors through letter and e-mail for deployment of vacant Community Consultation Officer. But till the reporting period, the EPC contractors has not yet deployed the vanact position of Community Consultation Officer except B, C and E.							
Pac	ckage H (Sonapur)						
1	**Under Recruitment	EHS Officer	-	-	-			
2	**Under Recruitment	Community Consultation Officer	-	-	-	ashish.kumar@techno.co.in		
Pac	kage H1: Sonapu	ır Approach Road						
1	Mr. Vidya Nand Yadav (as per approved CSMP)	Health & Safety Specialist	B.E Fires Safety	6 + Years	-			
2	Anasua Nag Nayak (as per approved CSMP)	Environmental Specialist	M.Tech – Environmental Engineering	21+ Years	-			
3	Mr. Hiramoni Nayak (as per approved CSMP)	Social Specialist	M.A in Social Works	9 + Years	-	hitech.construct@gmail.co m		
Pac	ckage I							
1	Mr. Bibhas Kumar Sen	EHS - Regional Manager	B Tech + MBA in HSE	11+ Years	7044066770			
2	Mr. Ritanandan Bairi	EHS Engineer	Diploma in Civil and Diploma in Industrial Safety and NEBOSH certified	11+ Years	7980680278	rakeshmanna@bluestarindia com bibhaskumarsen@bluestari ndia.com		
Pac	kage J	T			T			
1	Mr. Debajit Goswami	EHS officer	Bachelor of Engineering (Chemical)	21+ Years	9864031458			
2	Mr. Pankaj Boruah	EHS Supervisor	Fire and safety diploma	3+ years	7086885861	kaushikpatni0307@gmail.co		
3	Ms. Devyani Sarma	Social officer	Master of Social Work	4+ years	8486993047	m		
Pac	kage K							
1	Mr. Imran	Safety officer	Diploma from	13+ years	9279396999			

SI. No.	Name	Designation	Qualifications	Experience	Contact Details	Email ID
	Alam		NIBOSH in safety			dn.bhattacharya@selindia.n
2	Mr. Subrat Panigrahi	Social officer	Master in Social Science	21+ years	9437015019	et sk.bhanja@selindia.net
Pac	ckage L					
1	Mr. Saurabh Kumar Singh	Environment, Health and safety officer	Diploma & Graduate	7+ Years	8882201522	
2	Under Recruitment	Social Officer	-	-	-	smukatinath.kumar@apar.co
3	Mr. Sanad	Safety	Diploma	5+ Years	6371237665	m,
	Ghosh	Supervisor	Біріотта	31 Tears	0371237003	shiv.yadav@apar.com
4	Mr. Habibur	Safety	Diploma	5+ Years	9341694992	
	Rahman	Supervisor	μ			
Pac	ckage M			T	_	
			Graduate, one-			
1	Mr. Satyam Raj	EHSO	year Diploma in	5+ Years	9304417172	
			EHS and IOSH			
			Graduation in			
2	Mr. Ikramul	Safety Officer	Arts Diploma in Fire	5+ Years	9731529749	
	Hoque	Salety Officer	and Safety	J+ Teals	3/31323/43	
			Management			
			B.Sc. Diploma in			subhajit.bera@sterlite.com,
3	Mr. Dipak	Safety Officer	Fire and Safety	5+ Years	6005623236	parikshit.roy@sterlite.com
	Kumar		Management			
	Md. Fatik		BSc, Diploma in			
4	Ahmed	Safety Officer	Industrial Safety	11+ years	8651327704	
	Aillieu		Management			

2.3 Compliance with Applicable Regulations/Standards

Table 8: Compliance with Applicable Regulations/Standards

SI. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
1.	The Environmental (Protection) Act. 1986, and the Environmental (Protection) Rules, 1987- 2002 (Various Amendments)	Consent for utilization of water from Central Ground Water Board (CGWB), if any, to use groundwater for the sub-project. Consent to Establish (CTE) and Consent to	Being Complied	The ground water of Existing facility of AEGCL/APDCL (AEGCL sister concern) is being used for construction purposes. Permission for water sources as per contract requirement under process by the EPC

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
		Operate (CTO) for construction camps, Crusher, Batching Plant (if any) Hot Mix Plant (HMP), if any for implementation of the Project		contractor. Construction camps / rest camps for local labours have been established within existing AEGCL premises. CTE/CTO of Crusher is being submitted by EPC contractors (for sample Refer Appendix – 4 & 5) Mixture machine is being used for concreting. Relevant documents are being submitted by EPC contractors.
2.	The EIA Notification, 2006 and subsequent Amendments	Project-associated activities like quarry operation (if any) for the project will require prior Environmental Clearance. (Note: The construction of the substation and Transmission Line (T/L) of the project does not come under the Purview of EIA Notification 2006 and its subsequent Amendments).	Being Complied	Environmental Clearance related to quarry operation are being submitted by EPC contractors (sample for Reference is Appendix – 6).
3.	Wildlife Protection Act,1972	Wildlife Clearance	N/A for S/S locations. Being complied for T/L.	N/A for S/S locations. For T/L, assessment for pkg D is being conducted and for other packages assessment will be done as per requirement.
4.	Forest (Conservation) Act, 1980 and subsequent Amendments	Forest Clearance	N/A for S/S locations. Approx. 3.20 km length (14.28 Ha) of T/L of package H is passing through the forest land (West Aprikola RF), for which the Forest Clearance process is under progress. For other T/L, assessment will be done in due course of	"In-Principle Approval/Stage- I" clearance has been obtained from Central Government (IRO, MoEF&CC, Guwahati) on 30.01.2024 in favour of AEGCL Appendix 13. Other required processes for the final approval/Stage II is under progress. Tree cutting activity is ongoing vide permission dated 22.05.2024 from

SI. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
			time.	CCF/NO (FC Act)
5.	Ancient Monuments and Archaeological Sites & Remain Act 1958	Clearance from the Archaeological department	N/A for S/S locations. Being complied for T/L.	N/A for S/S locations. For T/L, assessment for pkg D has been conducted. For other T/L if any Archaeological site identified during assessment for ESIA – ESMP preparation, clearance from Archaeological department will be obtained as per requirement.
6.	The Water (Prevention and Control of Pollution) Act, 1974	Permission from CGWB for utilization of water from the ground, if any, for the sub-project. Permission for release of sewage from construction camps etc.	Being Complied.	The ground water of the Existing facility of AEGCL/APDCL (AEGCL sister concern) is being used for construction. Permission as per contract requirement for water sources will be obtained by the EPC contractor. Construction camps / rest camps have been established within existing AEGCL premises. Sewage from construction camps is being disposed as per direction of local authority.
7.	The Air (Prevention and Control of Pollution) Act, 1981	Consent to Establish (CTE) and Consent to Operate (CTO) for Crusher, Batching Plant (if any), HMP (if any) for implementation of the project Ambient Air Quality Standards (AAQS) to be followed and records are to be maintained.	Being Complied	CTE/CTO of Crusher is being submitted by EPC contractors (Refer Appendix – 4 & 5). Mixture machine is being used for concreting. Relevant documents are being submitted by EPC contractors.
8.	Noise Pollution (Regulation and Control) Rules, 2000 and subsequent Amendments	Ambient Noise Level to be monitored & followed and record to be maintained.	Being Complied	Fitness certificate / PUC certificate of vehicles, equipment, machinery are being submitted by EPC contractors (sample Annexed in Appendix – 9).

SI. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
9.	Wetlands (Conservation and Management) Rules, 2017	Clearance for Wetland	N/A for S/S locations. For T/L, assessment will be done in due course of time.	Clearance for Wetland may trigger if any T/L falls in notified Wetland and the same will be obtained as per requirement.
10.	Assam (Control of Felling & Removal of trees from Non-Forest Land) Rules, 2002	Felling & Removal of trees from Non- Forest Land	Being Complied	Permissions has been obtained for S/s (sample given as Appendix - 8) . For T/L Felling & removal of trees from non-forest land if trigger any, will be obtained as per requirement.
11.	The Motor Vehicle Act. 1988 and subsequent Amendments	Pollution Under Control (PUC) certificate from State Transport Department and SPCB for Construction Vehicles, Machineries and Equipments.	Being Complied	Fitness certificate / PUC certificate of vehicles, equipment, and machinery are being submitted by EPC contractors (sample Appendix -9).
12.	Solid Waste Management Rules, 2016	Generation of Solid Waste during project implementation.	Being Complied	At present, EPC contractors dispose solid waste as per the suggestion of the Local Authority.
13.	Construction and Demolition Waste Management Rules, 2016	Generation of Construction and Demolition Waste during project implementation.	Being Complied	Very less amount of C&D waste was generated in package A (Jakhalabandha), B (Nagaon -2), C (Burhigaon) and E (Shankardevnagar). EPC contractors used the C&D waste for access road construction.
14.	Plastic Waste Management Rules, 2016	Generation of Plastic Waste during project implementation.	Being Complied	At present, EPC contractors dispose plastic waste through vendors as per the suggestion of the Local Authority.
15.	Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016	Generation of Hazardous and Other Wastes as per (Management & Transboundary Movement) Rules, 2016, if any during project implementation.	N/A at the current stage of the project.	EPC contractor will submit the compliance of the same (if any) as per requirement.
16.	E-Waste Management Rules, 2016	Generation of E-Waste during construction	N/A at the current stage of the project.	EPC contractor will submit the compliance of the

SI. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
				same (if any) as per requirement.
17.	Batteries (Management and Handling) Rules, 2001	Generation of battery waste during project implementation	N/A at the current stage of the project.	Batteries wastes will be disposed of as per requirement in due course.
18.	The Building & Other Construction Workers (BOCW) (Regulation of Employment & Conditions of Service) Act, 1996	Regulation of Employment & Conditions of Service during project implementation	Being Complied	EPC contractors submitted relevant documents along with CESMP reports and submit renewed copies of the same time to time.
19.	The Right to Fair Compensation and Transparency in Land Acquisition (LA), Rehabilitation and Resettlement Act, 2013 both incorporated by Gol and GoA.	LA Regulation and Rehabilitation and Resettlement (R&R) Act, 2013 has been followed at the time of the Direct Purchase of Land based on mutual consent between the Landowner and the requiring Body PMU (AEGCL).	In major areas where the substations are located, the land belongs to AEGCL or is transferred from APDCL or Govt. (Kash land). The land that is purchased by AEGCL has followed the Rules and Regulations as per the Act.	The land purchase / acquisition process is completed for S/s. For T/L, compensation will be paid as per norms.
20	The Scheduled Tribes (STs) and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006	Consent from the STs and Other Traditional Forest Dwellers, if any, and impact observed on them.	N/A for S/S locations. Approx. 3.20 km length (14.28 Ha) of T/L of package H is passing through the forest land (Aprikola RF), for which FRA will be done as per requirement. For other T/L, assessment will be done in due course of time.	A joint verification survey has been conducted on 05/11/2024 with the concern Forest and revenue officials for ascertain the claims of forest dwellers at villages under Sonapur revenue Circle. The JV report and FRA certificate is waiting for district administration.
21.	Electricity Act, 2003	The objectives of the Act are to consolidate the laws relating to the generation, transmission, distribution, trading and use of electricity and generally for taking measures conducive to the development of the electricity industry, promoting competition therein, protecting the interest	Being complied	Location, design and related documents including ESIA — ESMP are being structured as per the requirement of the Electricity Act, 2003.

Sl. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
		of consumers and supply of electricity to all.		
22.	Ministry of Power (MoP) guidelines dated 15 th October 2015 for payment of compensation toward Temporary damages regarding ROW.	During the Power Ministry conference held on April 9 -10, 2015 at Guwahati it was decided to constitute a committee. The recommendations laid down by the committee are formulated in the form of the following guidelines for determining the compensation towards the damages as stipulated in section 67 and 68 of the Electricity Act, 2003 read with section 10 and 16 of the Indian Telegraph Act, 1885, Compensation @ 85% of Land Value as determined by the District Magistrate based on Circle rate/ Guideline Value and Stamp Act rates for Tower base area (between four legs). Land compensation in the width of ROW is subject to a maximum of 15% of Land Value as determined based on Circle rate, Guideline value and Stamp Act, rates. In case of loss of trees and crops a 60-day advance notice is to be issued to the legal Cultivator for the standing crops prior to damage. Compensation for the cultivator for th	NA at the current stage.	The payment of compensation to the Project Affected Families PAFs) will starts after land owner identification and finalization of the land scheduling report and approved by the concerned Revenue Circle of the respective Transmission Lines

SI. No.	Regulations / Standards	Compliance Requirements under the Regulation	Compliance Status {complied; not complied; Not Arises (N/A) at the current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
		based on the market rate fixed by the Forest / Horticulture Department and 8 years' income in case of fruit-bearing tree and the timber wood tree to be compensated at the rate of the market price. The Governor of		
23	Government of Assam Power Department Dispur :: Guwahati-06, Notification Dated 04- 11-2024	Assam, in accordance with the Ministry of Power, Govt. of India (Ref No. 3/4/2016-Trans-Part (4) dated 14.06.2024), has notified guidelines for compensation related to Right of Way (RoW) for transmission lines, including urban areas, ensuring uniformity in payments to affected landowners. Compensation Structure: Tower Base Compensation: 200% of land value for the area enclosed by the four legs of the tower at ground level, plus a one-meter extension on each side. RoW Corridor Compensation: 30% of land value for land within the RoW corridor, as per Schedule VII of the Central Electricity Authority	NA at the current stage.	This new guideline will be effective for the projects which have started on or after 14/06/2024 i.e. the date of issue of the new Government of India Guidelines. The projects where already construction has started before 14/06/2024 will not fall in the purview of this notification and earlier notifications are to be followed for those projects.
24.	The Antiquities and Art Treasures Act, of 1972 and the Indian Treasure Trove Act, of 1878, Amended in 1949.	If a sudden encounter with anything valuable at any stage of the project cycle.	NA at the current stage.	EPC contractors will comply with the same as per requirement.

3.0 Compliance with Environmental and Social Covenants from the AIIB Loan Agreement Table 9: Compliance with Environmental and Social Covenants from the AIIB Loan Agreement

Schedule #, Para. #	Covenant	Compliance Status	Remarks
Schedule 2, Section I, C, 2	Ensure ongoing Project compliance with ESMPF and Resettlement Policy Framework (RPF)	Being Complied	There are 7 packages {Packages A, B, C, D, E, G, H for 10 new substations in 400kV, 220kV and 132kV voltage level along with the associated (332.945 km) transmission lines (TL)}, Conversion of one no. of existing AEGCL S/S (132/33kV Gohpur) from AIS to GIS (Package F). Augmentation of 186 km of transmission line (restringing of One Single Circuit (S/C) line and two Double Circuit (D/C) line) by High Temperature Low Sag (HTLS) conductors (Package L). Replacement of ground wire to Optical Power Ground Wire (OPGW) for 636 km of transmission lines and substation equipment at substations (Package M). ESIA-ESMP for substation of above 9 packages and Package-M has been approved by AIIB. ARAP for 3 substation i.e. Bihpuria (Package-A), Nagaon (Package-B) and Rangia/Kumarikata (Package-G) has been approved by AIIB. There are 3 Augmentation packages {18 existing substations (replacement of old transformers with new transformers)}, for which E&S Audit Checklist has been approved by AIIB. ESIA-ESMP for the Construction of Approach Road for 400/220/132kV Substation has been approved. ESIA-ESMP for Transmission Line of Khumtai substation under Package-D has been submitted to AIIB on 29.08.2024. Comments/suggestion received from AIIB on 24.10.2024. Updated Rev-1 draft ESIA-ESMP incorporating the AIIB's Comments has been submitted to AIIB on 23.12.2024.

4.0 Compliance with the Civil Work Contract Agreement

The following activities with regard to the Contract have been done during the reporting period.

Table 10: Compliance with the Civil Work Contract Agreement

Schedule #, Para. #	Relevant EHS Clauses	Compliance Status	Remarks
Contract	Appendix 3 - Insurance requirement	Copies / renewed cop Workmen Compensation and Erection All Risk Pobeen submitted by contractors.	
Contract Agreement	Appendix 7 - List of documents for approval and review (Sl. No. 3, HSE plan as per bid document)	Being complied	The CESMP for the S/S of all packages has been approved, except for Package H, which is currently under preparation by the EPC contractor. Contractors of all packages are

Schedule #, Para. #	Relevant EHS Clauses	Compliance Status	Remarks
			required to submit an updated CESMP incorporating T/L components before commencing T/L work.
	Appendix 9 - Price Schedule (Schedule 4: Installation, ESMP and other services)	Being complied	EPC contractors are following ESMP requirements.
	Part II - Requirements Section 6 (Employers/personal requirements) & Section 7 - General Condition of Contracts SI. No. 22.2 - Engagement of staff and labour	Being Complied	ESHS officers of all active packages are on board. Community Consultation officers of package B, C, E and H1 are on board. Community Consultation officers of package A, D, F and H are not deployed till the reporting period.
Volume - I, Tender Document	PART III - Conditions of Contract and Contract Forms Section 7 - General Condition of Contracts SI. No. 9.8 (Protection of Environment)	Being Complied	The Contractor has taken all possible steps to protect the environment (both on and off the Site). Post-Monsoon EQM test has been conducted as per approved CESMP.
	Section 7 - General Condition of Contracts SI. No33 - Loss of or Damage to Property; Accident or Injury to Workers; Indemnification	Complied	No Loss of or Damage to Property has been informed in the reporting period. No major accident or incident has been reported during this reporting period, However, Minor injury to workers has been reported and recorded.
	Section 8 - Special Conditions of Contract 9.8-Environmental and social risk mitigation	Being Complied	The Contractor has taken all possible steps to protect the environment (both on and off the Site). A multi-tiered Grievance Redress Mechanism (GRM) has been established, widely publicized and is accessible, transparent, and effective in addressing complaints from all stakeholders.
	Section 8 - Special Conditions of Contract under 22.2.5- Working Hours 22.2.7-Health and Safety	Being Complied	Being followed as per prevailing Labour Laws in the State of Assam. Being followed as per requirement.
Volume – II, Tender Document	CHAPTER 2: INFORMATION TO BIDDERS (ITB) SI. No. 2.6.5 - Dismantling of the existing structures of Existing erected transmission system and transportation of these materials to designated location as provided by the employer. Includes necessary labour,	Being complied	Will comply for T/L, if any.

Schedule #, Para. #	Relevant EHS Clauses	Compliance Status	Remarks
	loading, unloading works and hiring of machinery (such as cranes etc.),		
	CHAPTER 4: PROJECT IMPLEMENTATION (GENERAL CONDITIONS) 4.1 Responsibility of contractor 4.13 Training 4.14 Erection at Site and Accommodation 4.15 Site Construction Supplies 4.16 Supervision and Checking of Work on Site 4.18 Compliance with Regulations 4.19 Maintenance and Clearing of Site 4.20 Protection of Monuments and Reference Points	Being Complied	Measures as per approved CESMP are being followed by EPC contractors.
	CHAPTER 5: LAND DEVELOPMENT AND ASSOCIATED CIVIL WORKS 5.1 General (excavation, de watering, carriage of excavated earth etc.) 5.4 Site clearance 5.6 Excavation and backfill 5.7 Site preparation and earth filling 5.14 Sewage system & storm water drain 5.19 Interfacing (fixing of lighting fixtures etc.) 5.20 Water supply 5.23 Statutory rules 5.24 Landscaping, garden & plantation 5.25 Rainwater harvesting	Being Complied	Measures as per approved CESMP are being followed by EPC contractors.
	CHAPTER 7: GENERAL TECHNICAL CLAUSES FOR DESIGN 7.4. Health, safety and environment (HSE) plan 7.5 Progress reporting 7.19.6. First-aid and general hygiene 7.19.8. Materials handling and storage 7.19.9 Construction management 7.19.10 Field office records 7.19.11 Protection of property and contractor's liability 7.22 Fire precautions 7.26 Runway beams, eye bolts	Being Complied	Measures as per approved CESMP are being followed by EPC.

Schedule #, Para. #	Relevant EHS Clauses	Compliance Status	Remarks
	and lifting tackle 7.27 Earthing system		
	CHAPTER 16: TECTECHNICAL SPECIFICATION FOR GIS EQUIPTMENTS AND EOT CRANES 16.3.1.11 - SF6 Gas 16.3.2.10 - Tools	Complied for the packages in which GIS equipment along with SF6 gas, leakage detector and analyser procured.	SF6 Gas are being stored as per standard and manufacturer guidelines.
İ	CHAPTER 24: TECHNICAL SPECIFICATION FOR DG SET	Not Arises	

- Note: Check Survey report has been approved as per latest approved tower spotting data for LILO of 132kV Rowta-Sipajhar under Pkg –C and; Check survey completed for 60km for 132 kV Khumtai Sarupathar line under Pkg-D and LILO of 220kV Azara Boko line of Chhaygaon S/s has been approved by AEGCL during the reporting period. Check survey report submitted for approval for 220KV Shankardevnagar (AEGCL-New) Misa (AEGCL-Existing) D/C Line under Pkg-E during the reporting period.
- Contractors of all package are yet to submit the updated CESMP incorporating T/L components. Relevant EHS Clauses and compliance for Transmission line will be complied, in the upcoming ESMR as per updated approved CESMP.

5.0 Compliance with Environmental and Social Management Plan

5.1 Following are the Key issue/ gaps observed and suggested corrective action

Table 11: Key issue/ gaps observed and suggested corrective action

	-			
SI.	Key issue/ gaps observed	Suggested corrective action	Responsibilit	Timeframe
No.			у	
1.	Copies of all clearances / permissions / consents (including renewal copies) viz. Erection All Risk Policy, Workmen's Compensation Policy and Labour License etc. are being submitted by EPC contractors.	EPC contractors of all packages are suggested to submit copies of all clearances / permissions / consents (including renewal copies) as per requirements of approved CESMP.	EPC contractor s	7 days/ before expiry date of permissions / consents.
2.	Periodical Health check- up program has not been organized, except Package - A (Jakhalabandha), Package -G during the reporting period.	All EPC contractors are suggested to organize Health check-up program without fail.	EPC contractor s	60 days for the packages where health checkup camp has not been organised / before next reporting period.
3.	 Contractor's E&S Monthly Progress Report of all packages has not submitted on regular basis except package - E. Compliance report of PMC's Monthly Site Visit Observations has not submitted by all 	EPC contractors of all packages are suggested to submit Contractor's E&S Monthly Progress Report and also submit the compliance report of PMC's Monthly Site Visit Observations on regular basis without fail.	EPC contractor s	Within 10 days.

SI. No.	Key issue/ gaps observed	Suggested corrective action	Responsibilit y	Timeframe
	packages except package -E.			
4.	Deployment against the vacant Community Consultation Officer is yet to complete by EPC contractors except package – B, C, & E.	As per contract requirement, EPC Contractor need to appoint Community Consultation Officer for Transmission Line works, which is still pending.	EPC contractor s	Within 7 days
5.	Display of sufficient nos. of work - related signboard, PPE kits and proper labour facilities needs to be provided by all the EPC contractors in their respective packages. Some of the signboards on packages B (Chhaygaon S/s), C (Burhigaon S/s), and D (Khumtai S/s) are damaged or torn and need to be replaced. In Package -B, and D Labours, while working at the site, some workers damaged their safety gears, the EPC contractor unable to replace the same immediately.	EPC contractors are suggested to ensure sufficient nos. of work-related signboard is to be displayed in all project sites, PPE kits need to be provided in all project sites and proper labour facilities are also to be provided in their respective packages.	EPC contractor s	Within one week
6.	Need to filling up all the necessary work-related E&S checklists regularly for all the ongoing works.	EPC contractors are suggested to filling up of work-related E&S checklists regularly in all the ongoing working sites.	EPC contractor s	Activity wise / weekly / fortnightly / monthly
7.	 Need to comply with proper housekeeping, proper drainage facilities / waste management facilities. Other packages are maintaining except Packages D and A. It has been observed that proper Housekeeping not done during the time of major casting works in all the packages. 	EPC contractors of all packages are suggested to comply all requirements.	EPC contractor s	Within one week
8.	Check Survey report has not been approved as per latest approved tower spotting data for all packages except package -Bhurigaon Pkg-C. 132 kv Khumtai-Sarupathar TL	EPC contractors of all packages are suggested to obtain approval of check survey report at the earliest.	EPC contractor s	Before next reporting period

SI. No.	Key issue/ gaps observed	Suggested corrective action	Responsibilit y	Timeframe
	Pkg-D and LILO of 220kV Azara – Boko TL of Chhaygaon S/s.			
9.	Pending final survey for landowner identification of T/L of all packages shall be carried out jointly in all the Transmission Lines with concerned Circle Offices to finalize the land scheduling report.	Communication with concerned Circle Offices needs to be expedite.	AEGCL, PMC and EPC contractor s	Before next reporting period
10.	Permission of RoW for associated T/L of package - B (Nagaon 2 substation) is awaited from District Authority.	Needs to follow up with the District Authority	AEGCL / EPC contractor s	Within one month.
11.	For the RoW permission of Pkg - H, the joint verification for entire 19 km route that traverses various villages has been completed, by the Lat Mandals of the Sonapur Revenue Circle. The report is awaited from District Authority, Kamrup (M).	Need to expedite	AEGCL / EPC contractors	Within one month.
12.	Need to obtain various government rates for compensation of crop.	All respective PIU officials of AEGCL needs to communicate to all stockholders / departments for obtaining various government rates for compensation of crop damage, plantation damage, tree cutting, trimming, utilities, etc. that will be damaged during construction works.	AEGCL / EPC contractor s	Before next reporting period
13.	Need communicate for obtaining statutory clearance from Railway crossing, Forest clearane, NHAI, PTTC Power Grid etc.	PIU to communicate with the concerned departments for obtaining statutory clearance if any is required, such as Railway crossing, NHAI, PTTC Power Grid etc. Package-H Sonapur TL. The forest clearance of the TL, 'In-Principle Approval/Stage-I' clearance was obtained from the Central Government (IRO, MoEF&CC, Guwahati) on 30.01.2024, in favor of AEGCL. The other required processes for the final approval/Stage-II required to be done.	AEGCL / EPC contractor s	Before next reporting period

5.2 Following are the key findings noted during the reporting period

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
Α	Jakhlabandha S/S	M/s NECCON Power & Infra Ltd	Substantially complied	Health check-up not conducted for new worker in the month of July, 2024. Workers were partially equipped with PPE's during working at site in the month of July, 2024.	Provide safety gears to workers working at site immediately.		Complied within one week as instructed in the proposed corrective action Complied within two days as instructed in the proposed corrective action.

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Bamboo Barricading not done around the excavated drain area behind boundary wall in the month of August, 2024.	Bamboo Barricading need to be done around the excavated drain area behind boundary wall immediately.		
							Complied within three days as instructed in the proposed corrective action
				The community consultation officer for transmission line work is not yet appointed by EPC contractor at site in the month of August, 2024.	The community consultation officer for transmission line should be recruited immediately by EPC contractor and treat the matter as utmost priority.		After repeated communication to EPC contractor, the proposed corrective action is not complied in this reporting period.
				Labour toilet door broken in the month of October, 2024.	Labour toilet door needs to be repaired immediately.		
							Complied within one week as

					1
					instructed in the proposed corrective
				D	action.
			Open pit and Excavated areas not properly barricaded in the month of November, 2024.	Proper barricading needs to be maintained in all sensitive places inside the substation area.	
					Complied within same day instructed
					in the proposed corrective action.
			Labours were working without safety belts in the month of December, 2024.	Provide safety belts to the labours immediately.	Complied within same day instructed
					in the proposed corrective action.
Ві	Bihpuria S/S		The community consultation officer for transmission line work is not yet appointed by EPC	The community consultation officer for transmission line should be recruited immediately by EPC	After repeated communication to EPC contractor, the proposed corrective action is not coplied in this reporting period.

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				2024.	priority.		
				Inappropriate workers sleeping arrangement in the month of August, 2024.	Sleeping Bed of the workers need to be arranged at height with minimum one mitre.		
							Complied within one week instructed in the proposed corrective action
				The community	The community		After repeated communication to EPC
				consultation officer	consultation officer for		contractor, the proposed corrective
				for transmission line	transmission line		action is not coplied in this reporting
				work is not yet	should be recruited		period.
				appointed by EPC	immediately by EPC		
				contractor at site in	contractor and treat		
				the month of	the matter as utmost		
				October, 2024.	priority.		
				Medical health	Need to conduct a		Not complied in this reporting period
				check-up was not conducted for newly	medical health check- up for newly appointed		as instructed in the proposed corrective action
				appointed workers in	workers immediately.		corrective action
				the month of	workers illillediately.		
				December, 2024.			

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
В	Nagaon S/S	RS infra project Pvt.Ltd	Substantially complied	Medical health check-up was not conducted for newly appointed workers in the month of July, 2024.	Need to conduct a medical health check- up for newly appointed workers immediately.		Not complied in this reporting period as instructed in the proposed corrective action
				Pending statutory documents are not submitted by EPC in the month of August, 2024.	Need to submit pending statutory documents immediately.		After repeated communication to EPC contractor, the proposed corrective action is not coplied in this reporting period.
				The community consultation officer for transmission line work is not yet appointed by EPC contractor at site in the month of September, 2024.	The community consultation officer for transmission line should be recruited immediately by EPC contractor and treat the matter as utmost priority.		After repeated communication to EPC contractor, the proposed corrective action is complied in this reporting period.
				Proper illumination facilities not available at site in the month of October, 2024.	Arrange proper illumination facilities at site.		
							Complied within two days instructed in the proposed corrective action

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Emergency contact number board is placed in non-visible area in the month of November, 2024.	Shift Emergency contact board to a visible location for all		ISS_ R.S. INFRARROJECTS PVT. L.T.D Property Control C
							Complied within two days instructed in the proposed corrective action
				Electrical cables were not place overhead at site in the month of December, 2024	Electrical cables needed to bed placed overhead at site immediately.		Complied within two days instructed in
	Chhaygaon S/S			Grievance box damage in substation site in the month of July, 2024.	Need to installed proper grievance box at site as soon as possible.		the proposed corrective action Road Safety Complied within four day instructed in
							the proposed corrective action

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Medical health check-up was not conducted for newly appointed workers in the month of August, 2024.	Need to conduct a medical health check-up for newly appointed workers immediately.		Not complied in this reporting period as instructed in the proposed corrective action
				LPG cylinder not refilled at labour camp in the month of September, 2024.	Need to refilled LPG cylinder at labour camp immediately.		
							Complied within three days instructed in the proposed corrective action.
				Post monsoon EQM test not conducted in the month of October, 2024.	Conduct post monsoon EQM test within 31st October 2024.		
							Complied within ten days instructed in the proposed corrective action

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Plug top missing in electrical distribution board in the month of December, 2024.	Provide electrical Plug top in the distribution board immediately.		Complied within two days instructed in
С		Siddharth Engineering	Substantially	Water filter damage in the labour camp in the month of August, 2024.	Water filter needs to be provided at labour camp immediately.		Complied within two days instructed in
	, J	Pvt. Ltd	complied	Housekeeping not done inside the labour camp in the month of September, 2024.	Housekeeping need to be done inside of labour camp immediately.		the proposed corrective action. Complied within two days instructed in

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
							the proposed corrective action.
				Housekeeping not properly maintained around the substation area in the month of October, 2024.	Proper housekeeping needs to be maintained around the substation area.		Complied within two days instructed in the proposed corrective action.
				Labour were partially equipped with PPE"s in the month of November, 2024.	Instructed EPC contractor to provide adequate PPE's to labours immediately.		Complied within two days instructed in the proposed corrective action.

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Post Monsoon EQM test not yet conducted at project site in the month of December, 2024.	Instructed EPC contractor to conduct post monsoon EQM test within this month immediately.		Complied within fifteen days instructed in the proposed corrective action.
		Rs. Infra	Substantially	The community consultation officer for transmission line work is not yet appointed by EPC contractor at site in the month of July, 2024. LPG cylinder not	The community consultation officer for transmission line should be recruited immediately by EPC contractor immediately Need to refilled LPG		After repeated communication to EPC contractor, the proposed corrective action is not complied in this reporting period.
D	Khumtai S/S	Project Pvt. LTD	complied	refilled at labour camp in the month of September, 2024.	cylinder at labour camp immediately.		Complied within four days instructed in the proposed corrective action.

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Post monsoon EQM test not conduct in the month of November, 2024.	Conduct post monsoon EQM test immediately.		Complied within one week instructed in the proposed corrective action.
				Workers were partially equipped with PPE's during working at site in the month of December, 2024.	Provide safety gears to worker working at site immediately.		Complied within same day, instructed
				Barricading not properly maintained around the substation area in the month of September, 2024.	Proper barricading need to done around the steel yard area as soon as possible.	○ -0 × 1 × × × × × × × × × × × × × × × × × ×	in the proposed corrective action. Complied within two days instructed in

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
							the proposed corrective action.
				Electrical cables are laying on the ground at working site in the month of October, 2024.	Electrical cable need to be placed overhead immediately.		
							Complied within same day instructed in the proposed corrective action.
				The community consultation officer for transmission line work is not yet appointed by EPC contractor at site in the month of July, 2024.	The community consultation officer for transmission line should be recruited immediately by EPC contractor and treat the matter as utmost priority.		After repeated communication to EPC contractor, the proposed corrective action is complied in this reporting period.
	Sankardevnag ar S/S			Labour were partially equipped with PPE"s in the month of August, 2024.	Instructed EPC contractor to provide adequate PPE's to labours immediately.		
							Complied wihin same day instructed in the proposed corrective action

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Proper illumination facilities not available at site in the month of September, 2024. Medical health	Arrange proper illumination facilities at site as soon as possibble.		Complied within three days instructed in the proposed corrective action. Not complied in this reporting period
				check-up was not conducted for newly appointed workers in the month of December, 2024.	medical health check- up for newly appointed workers immediately.		as instructed in the proposed corrective action
F	Gohpur S/S	M/s Sumaja Electroinfr a Pvt. Ltd.	Substantially complied	Grievance box damages at site in the month of August, 2024.	Need to install new grievance box immediately.		Complied within three days instructed in the proposed corrective action.
				Medical health check-up was not conducted for newly appointed workers in the month of	Need to conduct a medical health check- up for newly appointed workers immediately.		Not complied in this reporting period as instructed in the proposed corrective actions

Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
	Rangia-		Substantially	December, 2024. As the Contract was awarded in to the month of July, 2024, Hence instructed EHS Officer to installed Grievance box at site in the month of August, 2024. Illumination facility	Need to install grievance box immediately.		Complied within ten days instructed in the proposed corrective action.
G	Kumarikata S/S		complied	not adequate around the S/S area in the month of October, 2024.	illumination facilities around the S/S area as soon as possible.		Complied within two days instructed in the proposed corrective action.

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Assam Intra-State Transmission System Enhancement Project, Phase-1

Pkg	Location	Name of Contractor	Status of ESMP / CESMP implementation	Non- Compliance	Corrective Action Proposed	Photographs	Compliance against Corrective action Proposed
				Medical health check-up was not conducted for newly appointed workers in the month of December, 2024.	medical health check-		Complied within ten days instructed in the proposed corrective action.

6.0 Compliance to Resettlement Action Plan and Tribal People's Plan (If any)

Table 12: Compliance with Resettlement Action Plan and Tribal People's Plan

SI. No.	Abbreviated Resettlement Action Plan (ARAP) and Tribal people's plan	Compliance Status {complied; not complied; n/a at current stage of the project}	Remarks {provide details to show how compliance was achieved; or explain the corrective action done if there was non-compliance}
1.	In this project as per the guidelines of AEGCL and AIIB the Resettlement Action Plan (RAP) / Abbreviated Resettlement Action Plan (ARAP) to be prepared in case of LA and direct purchase of land based on mutual consent between the land owner and the requiring body PMU (AEGCL), but the above process should be followed by the rules and regulations of LA Act 2013.	Being Complied	 ARAP report for three substations – Rangia/Kumarikata, Nagaon2 and Bihpuria S/s approved by AIIB and uploaded the same in AEGCL website. ARAP report for T/L will be prepared for all packages after approval of land scheduling details.
2.	Provisions for Tribal People (if any) to be made according to the guideline	N/A	If triggered then TDP will be prepared accordingly.

7.0 Summary of Monitoring Results

7.1 Environmental and Social Monitoring

EPC Contractors are complying with the same as per the requirements of contract agreement under the direct supervision of PMC. Baseline data has been taken by EPC contractors and the results and analysis have been given in the respective CESMP. The analysis of the results shows that the results are within permissible limits iexcept for Noise level from the standard commercial area in Jakhalabandha, Nalbari, Depota, Samaguri and Sarusajai, which may be due to noise from the movement of vehicles passing in the road nearby the S/S. The detailed package-wise baseline data is given below. The Post-Monsoon EQM test has been conducted as per approved CESMP by all the EPC contractors. The details of the same are provided in **Appendix-12**.

Table 13: Package-wise Ambient Air Quality Monitoring Results

Na me of	Name of	Ionitoring 2024)		CPCB Ambient Air Quality Standards		WHO Ambient Air Quality Standards		Remarks		
Pac kag e	Station	P M ₁ ο (μ g/ m ³	PM _{2.5} (μg/m³)	PM ₁ 0 (μg/ m³)	PM _{2.5} (μg/ m³)	PM ₁₀ (μg/ m³)	PM _{2.5} (μg/ m³)	PM ₁₀ (μg/m³)	PM _{2.5} (μg/m³)	Remarks
	Bihpuria	64	28	59	32					
Α	Jakhalaban dha	68	27	58	29					
В	Chhaygoan	62	29	46	21					
Ь	Nagaon 2	59	32	62	34					
С	Burhigaon	59	21	54	24					
D	Khumtai	59	32	54	33					
E	Shankadev nagar	62	26	48	23	100	60	45	15	
	Agomoni	59	28	44	19					
F	Gohpur	64. 6	39.2	67.2	41.2					
G	Rangia- Kumarikata	49	26	40	19					
H1	Sonapur Approach Road	84. 66	54.03							

Table 14: Package-wise Ambient Noise Level Monitoring Results

	Name of Monitorin Station Bihpuria	Sound	l Param	eters (c	IBA)					
Name of Packag e	Name of Monitoring Station	Resul (Base data) in dB(line Limits	Limits dB(A) (Data gener for mons seaso 2024)	/ ated post- oon n	CPCB Noise [Limit Leq]	Ambient Standards in dB (A)	WBG Stand	Noise ards	Remarks
		Day Tim	Nigh t	Day Tim	Nigh t	Day Tim	Night	Day Tim	Nigh t	
		e	Time	e	Time	e	Time	e	Time	
^	Bihpuria	48.7	38.4	52.6	40.5					
Α	Jakhlabandha	70	37.5	58.6	42.5					
В	Chhaygoan	62.8	57.1	60.5	42.2					
ь	Nagaon 2	40.7	35.4	45.6	42.7	65	55	70	70	
С	Burhigaon	64.8	58.4	62.8	53.2					
D	Khumtai	42.5	35.1	61.8	44.8					
Е	Shankadevnagar	57.6	37.4	62.9	40.1					

		Sound	d Param	eters (c	BA)					
Name of Packag e	Name of Monitoring Station	Results (Baseline data) Limits in dB(A)		Limits in dB(A) / (Data generated for postmonsoon season 2024)		CPCB Ambient Noise Standards [Limit in dB (A) Leq]		WBG Noise Standards		Remarks
		Day Tim e	Nigh t Time	Day Tim e	Nigh t Time	Day Tim e	Night Time	Day Tim e	Nigh t Time	
	Agomoni	56.4	38.2	61.8	41.2					
F	Gohpur	64.2	44.6	68.6	48.2					
G	Rangia-Kumarikata	53.4	41.3	58.7	40.8					
Н1	Sonapur Approach Road	67.9	49.8							Pre- Monsoo n EQMT will be done during March to May, 2025

Table 15: Package wise Monitoring Results of Vibration

Name		Result Vibrati	s (Ba on (mm	seline /ss)	data) Vibration (mm/ss)		,	Value	Limits Vdb {=20		
of Package	Name of Monitoring Station	Day Time		Night Time Day		Day T	ime	Night Time		Log10 (Vm/Vr)}	Remarks
Fackage		Max	Min	Max	Min	Max	Min	Max	Min	(ISO 10816)	
Α	Bihpuria	< 0.01	< 0.01	<0.01	<0.01					<60	-
Υ.	Jakhalabandha	< 0.01	< 0.01	<0.01	<0.01					<60	EQM test
В	Chhayagon	<0.01	<0.01	<0.01	<0.01					<60	for
ם	Nagaon 2	< 0.01	< 0.01	<0.01	<0.01					<60	vibration
С	Burhigaon	< 0.01	<0.01	<0.01	<0.01					<60	was
D	Khumtai	< 0.01	<0.01	<0.01	<0.01					<60	conducted
E	Shankardevnagar	<0.01	<0.01	<0.01	<0.01					<60	during
<u> </u>	Agamoni	<0.01	<0.01	<0.01	<0.01	-	-		-	<60	establishing
F	Gohpur									<60	the
G	Rangia-Kumarikata									<60	baseline
H1	Sonapur Approach Road									<60	data.

Table 16: Package wise Water Quality Monitoring Results

				IS-10500-	Results			Remarks
Name of Monitoring Pa Station	rameters	Results (Baseline data)	IS-10500- 2012 Require ment Acceptab le Limit)	2012 Permissibl e Limit in the absence of alternate source	(Data generate d for post-monsoon season 2024)	Require ment Acceptab le Limit	Permissible Limit in the absence of alternate source	nemarks
рН	l	6.52	6.5-8.5	No relaxation	6.52	6.5 - 8.5	No relaxation	
Со	nductivity	0.068			0.11			
Со	lour	1	5	15	1	5	15	
	tal Dissolved lids	36	500	2000	58	500	2000	
	tal spended lids	<10			<10			
Tu	rbidity	4	1	5	0.5	1	5	
ВО)D	<2			<2			
	ssolved ygen	5.8			3.9			
Ch	lorides	1	250	1000	<1	250	1000	
Flu	ıoride	<0.5	1	1.5	<0.5	1	1.5	
Bihpuria Iro	n	0.08	0.3	No relaxation	0.18	0.3	No relaxation	
Oil	and Grease	<2			<2			
Su	lphates	10.3	200	400	2.8	200	400	
На	rdness	23.8	200	600	26	200	600	
Nit	trate	<1	45	No relaxation	<1	45	No relaxation	
Od	lour	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
E.C	Coli	Absent	Absent	Absent	Absent	Absent	Absent	
To	tal Coliform	Absent	Absent		Absent	Absent	Absent	
Pe	sticides	BDL			BDL			
Tas	ste	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	oating aterials	Not Visible			Not Visible			
рН			6505	No	6.58	6.5-8.5	No	
Co	ı	6.74	6.5-8.5	relaxation			relaxation	
Jakhalaban ——	nductivity	0.076	6.5-8.5	relaxation	0.106		relaxation	
l Co						5		
dha Co	nductivity	0.076			0.106			

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500- 2012 Require ment Acceptab le Limit)	IS-10500- 2012 Permissibl e Limit in the absence of alternate source	Results (Data generate d for post- monsoon season 2024)	Require ment Acceptab le Limit	Permissible Limit in the absence of alternate source	Remarks
	Suspended solids							
	Turbidity	2	1	5	0.65	1	5	
	BOD	<2			<2			
	Dissolved Oxygen	5.2			4.6			
	Chlorides	1	250	1000	<2	250	1000	
	Fluoride	<0.5	1	1.5	<0.5	1	1.5	
	Iron	0.11	0.3	No relaxation	0.2	0.3	No relaxation	
	Oil and Grease	<2			<2			
	Sulphates	12.1	200	400	3.4	200	400	
	Hardness	22.1	200	600	37.8	200	600	
	Nitrate	<1	45	No relaxation	<1	45	No relaxation	
	Odour	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	E.Coli	Absent	Absent	Absent	Absent	Absent	Absent	
	Total Coliform	Absent	Absent	_	Absent	Absent	Absent	
	Pesticides	BDL	-	Agreable	BDL			
	Taste	Agreeabl e	Agreeab le	_	Agreeabl e	Agreeab le	Agreeable	
	Floating Materials	Not Visible	_	_	Not Visible			
	рН	6.57	6.5-8.5	No relaxation	6.55	6.5-8.5	No relaxation	
								i I
	Conductivity	0.17			0.385			
	Conductivity Colour	0.17	5	15	0.385	5	15	
	,							
Chhaygaon	Colour Total Dissolved	1	5	15	5	5	15	
Chhaygaon	Colour Total Dissolved Solids Total Suspended	86	5	15 2000	5 107	5	15 2000	
Chhaygaon	Colour Total Dissolved Solids Total Suspended solids	1 86 <10	5 500	15 2000 	5 107 <10	5 500	15 2000	
Chhaygaon	Colour Total Dissolved Solids Total Suspended solids Turbidity Dissolved	1 86 <10	5 500 1	15 2000 5	5 107 <10 3.4	5 500 1	15 2000 5	

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500- 2012 Require ment Acceptab le Limit)	IS-10500- 2012 Permissibl e Limit in the absence of alternate source	Results (Data generate d for post- monsoon season 2024)	Require ment Acceptab le Limit	Permissible Limit in the absence of alternate source	Remarks
	Iron	0.13	0.3	No relaxation	0.22	0.3	No relaxation	
	Oil and Grease	<2			<2			
	Sulphates	6.8	200	400	3.7	200	400	
	Hardness	82	200	600	90	200	600	
	Nitrate	<5	45	No relaxation	<5	45	No relaxation	
	Odour	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	E.Coli				Absent	Absent	Absent	
	Total Coliform				Absent	Absent	Absent	
	Pesticides				BDL			
	Taste	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	Floating Materials				Not Visible			
	рН	6.53	6.5-8.5	No relaxation	6.74	6.5-8.5	No relaxation	
	Conductivity	0.51	_	_	0.333	_	_	
	Colour	1	5	15	1	5	15	
	Total Dissolved Solids	259	500	2000	189	500	2000	
	Total Suspended Solids	<10	_	_	<10	_	-	
	Turbidity	1	1	5	3.3	1	5	
	BOD				<2	_	_	
Nagaon 2	Dissolved Oxygen				3.2	_	_	
	Chlorides	13.9	250	1000	4.9	250	1000	
	Fluoride	<0.5	1	1.5	<0.5	1	1.5	
	Iron	0.09	0.3	No relaxation	0.28	0.3	No relaxation	
	Oil and Grease	<2	_	_	<2	_	-	
	Sulphates	17.3	200	400	<2	200	400	
	Hardness	64	200	600	137.6	200	600	
	Nitrate	<5	45	No relaxation	<2	45	No relaxation	
	Odour	Agreeabl	Agreeab	Agreeable	Agreeabl	Agreeab	Agreeable	

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500- 2012 Require ment Acceptab le Limit)	IS-10500- 2012 Permissibl e Limit in the absence of alternate source	Results (Data generate d for post- monsoon season 2024)	Require ment Acceptab le Limit	Permissible Limit in the absence of alternate source	Remarks
		е	le		е	le		
	E.Coli				Absent	Absent	Absent	
	Total Coliform				Absent	Absent	Absent	
	Pesticides				BDL			
	Taste	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	Floating Materials				Not Visible			
	рН	6.54	6.5-8.5	No relaxation	6.58	6.5-8.5	No relaxation	
	Conductivity	0.17	_	_	0.25			
	Colour	1	5	15	Colourles s	5	15	
	Total Dissolved Solids	92	500	2000	142	500	2000	
	Total Suspended Solids	<10	_	_	<10			
	Turbidity	1	1	5	0.9	1	5	
	Chlorides	14.9	250	1000	14.9	250	1000	
Burhigaon	Fluoride	<0.5	1	1.5	<0.5	1	1.5	
	Iron	0.15	0.3	No relaxation	0.2	0.3	No relaxation	
	Oil and Grease	<2	_	_	<2			
	Sulphates	5.5	200	400	13.2	200	400	
	Hardness	96.7	200	600	90	200	600	
	Nitrate	<5	45	No relaxation	<5	45	No relaxation	
	Odour	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	Taste	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	рН	6.51	6.5-8.5	No relaxation	6.58	6.5-8.5	No relaxation	
	Conductivity	0.13	_	_	0.123	_	-	
Khumtai	Colour	2	5	15	1	5	15	
	Total Dissolved Solids	46	500	2000	75	500	2000	
	Total Suspended	<10	_	_	<10	_	_	

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500- 2012 Require ment Acceptab le Limit)	IS-10500- 2012 Permissibl e Limit in the absence of alternate source	Results (Data generate d for post- monsoon season 2024)	Require ment Acceptab le Limit	Permissible Limit in the absence of alternate source	Remarks
	Solids							
	Turbidity	2	1	5	0.85	1	5	
	BOD				<2	_	-	
	Dissolved Oxygen				3.4	_	l	
	Chlorides	6.9	250	1000	10.9	250	1000	
	Fluoride	<0.5	1	1.5	<0.5	1	1.5	
	Iron	<0.06	0.3	No relaxation	0.22	0.3	No relaxation	
	Oil and Grease	<2	_	_	<2	_	-	
	Sulphates	12	200	400	3.5	200	400	
	Hardness	48	200	600	25.6	200	600	
	Nitrate	<5	45	No relaxation	<2	45	No relaxation	
	Odour	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	E.Coli				Absent	Absent	Absent	
	Total Coliform				Absent	Absent	Absent	
	Pesticides				BDL	_	_	
	Taste	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	Floating Materials				Not Visible	_	_	
	рН	6.59	6.5-8.5	No relaxation	6.61	6.5-8.5	No relaxation	
	Conductivity	0.5	_	_	0.368	_	_	
	Colour	1	5	15	Colourles s	5	15	
	Total Dissolved Solids	286	500	2000	198	500	2000	
Shankardevna gar	Total Suspended Solids	<10	-	_	<10	_	_	
	Turbidity	<1	1	5	0.7	1	5	
	BOD	<2	_	_		_	1	
	Dissolved Oxygen	5.2	_	_	3.6	_	_	
	Chlorides	4.96	250	1000	<2	250	1000	
	Fluoride	<0.5	1	1.5	<0.5	1	1.5	

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500- 2012 Require ment Acceptab le Limit)	IS-10500- 2012 Permissibl e Limit in the absence of alternate source	Results (Data generate d for post- monsoon season 2024)	Require ment Acceptab le Limit	Permissible Limit in the absence of alternate source	Remarks
	Iron	0.24	0.3	No relaxation	0.21	0.3	No relaxation	
	Oil and Grease	<2	_	_	<2	_	_	
	Sulphates	32.5	200	400	3.4	200	400	
	Hardness	173.84	200	600	190	200	600	
	Nitrate	<1	45	No relaxation	<5	45	No relaxation	
	Odour	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	E.Coli	Absent	Absent	Absent	Absent	Absent	Absent	
	Total Coliform	Absent	Absent	Absent	Absent	Absent	Absent	
	Pesticides	BDL	_	_	BDL	_	_	
	Taste	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	Floating	Not		_	Not		_	
	materials pH	Visible 6.51	6.5-8.5	No	Visible 6.58			
	Conductivity	0.13		relaxation	0.125			
	Colour	1	5	15	Colourles s			
	Total Dissolved Solids	52	500	2000	65			
	Total Suspended Solids	<10	_	-	<10			
	Turbidity	<1	1	5	0.65			
A many = :::	BOD	<2	_	_				
Agomoni	Dissolved Oxygen	4.8	_	_	3.8			
	Chlorides	3.9	250	1000	<2			
	Fluoride	<0.5	1	1.5	<0.5			
	Iron	0.16	0.3	No relaxation	0.18			
	Oil and Grease	<2	_	_	<2			
	Sulphates	16.2	200	400	<2			
	Hardness	22.1	200	600	39.2			
	Nitrate	<1	45	No relaxation	<5			

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500- 2012 Require ment Acceptab le Limit)	IS-10500- 2012 Permissibl e Limit in the absence of alternate source	Results (Data generate d for post- monsoon season 2024)	Require ment Acceptab le Limit	Permissible Limit in the absence of alternate source	Remarks
	Odour	Agreeabl e	Agreeab le	Agreeable	Agreeabl e			
	E.Coli	Absent	Absent	Absent	Absent			
	Total Coliform	Absent	Absent	Absent	Absent			
	Pesticides	BDL	_	_	BDL			
	Taste	Agreeabl e	Agreeab le	Agreeable	Agreeabl e			
	Floating materials	Not Visible	_		Not Visible			
	рН	7.2	6.5-8.5	No relaxation	7.2	6.5-8.5	No relaxation	
	Conductivity	0.46	_	_	0.48	_	_	
	Colour	NC	5	15	NC	5	15	
	Total Dissolved Solids	71.2	500	2000	68.4	500	2000	
	Total Suspended Solids	64.8	ı	_	38.1	1	ı	
	Turbidity	2.2	1	5	2.1	1	5	Pre- monsoon
	BOD	1.1	_	2				EQM test
	Dissolved Oxygen	4.4	ı	6		-		will be conducte
	Fluoride	0.21	1	1.5	0.28	1	1.5	during
Gohpur	Iron	0.16	0.3	No relaxation	0.14	0.3	No relaxation	March to May,
	Sulphates	8.6	200	400	8.6	200	400	2025
	Total Hardness as CaCO3	72.2	200	600	74.2	200	600	
	Odour	NC	Agreeab le	Agreeable	NC	Agreeab le	Agreeable	
	Taste	NC	Agreeab le	Agreeable	NC	Agreeab le	Agreeable	
	E.Coli	Nil	Absent	Absent	Nil	Absent	Absent	
	Total Coliform	Nil	Absent	Absent	Nil	Absent	Absent	
	Total Pesticides floating materials	BDL	-	0.4	BDL	-	0.4	
	Plastic	BDL	-	0.0005	BDL	-	0.0005	
	Rubber	BDL	-	0.1	BDL	-	0.1	

				IS-10500-	Results			Remarks
Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500- 2012 Require ment Acceptab le Limit)	Permissible Limit in the absence of alternate source	(Data generate d for post- monsoon season 2024)	Require ment Acceptab le Limit	Permissible Limit in the absence of alternate source	
	Corrosivity	Non Corrosive	-	-	Non Corrosive	-	-	
	рН	6.22	6.5-8.5	No relaxation	6.60	6.5-8.5	No relaxation	
	Conductivity	0.097	_	_	0.129	_	_	
	Colour	Colourles s	5	15	Colourles s	5	15	
	Total Dissolved Solids	81	500	2000	107	500	2000	
	Total Suspended Solids	<10	_	_	<10	_	_	
	Turbidity	<1	1	5	1.7	1	5	
	Dissolved Oxygen				3.2	_	-	
	Chlorides	<1	250	1000	<2	250	1000	
	Fluoride	<2	1	1.5	<0.5	1	1.5	
Rangia- Kumarikata	Iron	0.21	0.3	No relaxation	0.24	0.3	No relaxation	
	Oil and Grease	<2	_	_	<2	_	_	
	Sulphates	11.5	200	400	<2	200	400	
	Hardness	48	200	600	84	200	600	
	Nitrate	<5	45	No relaxation	<5	45	No relaxation	
	Odour	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	E. Coli				Absent	Absent	Absent	
	Total coliform				Absent	Absent	Absent	
	Pesticides				BDL	_	_	
	Taste	Agreeabl e	Agreeab le	Agreeable	Agreeabl e	Agreeab le	Agreeable	
	Floating Materials				Not visible	_	_	
	рН	6.89	6.5-8.5	-				
Sonapur	Colour	<5.0	5	15				
Approach Road	Odour	Aggreeab le	Agreeab le	Agreeable				
	Taste	Aggreeab le	Agreeab le	Agreeable				

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500- 2012 Require ment Acceptab le Limit)	IS-10500- 2012 Permissibl e Limit in the absence of alternate source	Results (Data generate d for post- monsoon season 2024)	Require ment Acceptab le Limit	Permissible Limit in the absence of alternate source	Remarks
	Turbidity	<0.5	1	5				
	Total Hardness as CaCO3	136	200	600				
	Calcium (Mg)	32	75	200				
	Magnesium (as Mg)	13.61	30	100				
	Chlorides (CI)	15.65	250	1000				
	Iron (as Fe)	0.23	1	No Relaxation				
	Fluoride	0.66	1	1.5				
	Free Residual Chlorine	<0.1	0.2	1				
	Total Dissolved Solids	253	500	2000				
	Phenolic Compound	<0.001	0.001ma x	0.002 Max				
	Anionic Detergents (as MBAS)	<0.1	0.2	1				
	Sulphates	7.68	200	400				
	Nitrates	0.79	45	No Relaxation				
	Alkalinity	160	200	600				
	Chloramines	<0.1	4	No Relaxation				
	Cadmium	<0.001	0.003	No Relaxation				
	Lead	<0.01	0.01	No Relaxation				
	Total Chromium	<0.01	0.05	No Relaxation				
	Copper	<0.01	0.05	1.5				
	Total Ammonia	<0.5	0.5	No Relaxation				
	Sulphide	<0.05	0.05	No Relaxation				
	Zinc	<0.1	5	15				
	Manganese	<0.1	0.1	0.3				
	Boron	<0.1	0.5	1				

Name of Monitoring Station	Parameters	Results (Baseline data)	IS-10500- 2012 Require ment Acceptab le Limit)	IS-10500- 2012 Permissibl e Limit in the absence of alternate source	Results (Data generate d for post- monsoon season 2024)	Require ment Acceptab le Limit	Permissible Limit in the absence of alternate source	Remarks
	Selenium	<0.01	0.01	No Relaxation				
	Arsenic	<0.01	0.01	No Relaxation				
	E.Coli	Absent	Absent	Absent				
	Total Coliform	Absent	Absent	Absent				

Table 17: Package wise Soil Quality Monitoring Results

Name					
of	Name of	_	Results (Baseline	Results (Data generated	
Packa	Monitoring	Parameters	data)	for post- monsoon	Remarks
ge				season 2024)	
		pH value (1.5)	5.76	5.3	
		Sulphite in SO₃ in %	4.78	6.4	
		Chloride in mg/kg	8.4	8.6	
	Bihpuria	ORP in mV	520	406	
	Біпрапа	Water soluble salts as EC in mS/m	160	26	
		Organic matter in %	5.2	2.1	
Α		Moisture Content in %	21.56	16.54	
^		pH value (1.5)	6.42	5.33	
		Sulphite in SO₃ in %	4.63	5.8	
		Chloride in mg/kg	7.6	14.6	
	Jakhalaban	ORP in mV	520	396	
	dha	Water soluble salts as EC in mS/m	490	153	
		Organic matter in %	4.2	1.4	
		Moisture Content in %	28	12.8	
		pH value (1.5)	5.94	3.15	
		Sulphite in SO₃ in %	6.1	7.8	
		Chloride in mg/kg	6.8	11.2	
	Chhaygaoa	ORP in mV	532	394	
В	n	Water soluble salts as EC in mS/m	156	135	
	' 	Organic matter in %	4.6	2.7	
		Moisture Content in %	21.8	8.9	
		pH value (1.5)	5.84	5.58	
	Nagaon 2	Sulphite in SO₃ in %	6.4	7.2	
	<u> </u>	Chloride in mg/kg	7.3	8.6	

Name					
of	Name of		Results (Baseline	Results (Data generated	
Packa	Monitoring	Parameters	data)	for post- monsoon	Remarks
	ivioliitoriiig	dataj		season 2024)	
ge		ORP in mV	539	395	
		Water soluble salts as	339	393	
		EC in mS/m	146	268	
		Organic matter in %	4.7	2.8	
		Moisture Content in %	21.5	11.2	
		pH value (1.5)	6.12	6.48	
		Sulphite in SO₃ in %	5.4	6.6	
		Chloride in mg/kg	7.9	8.6	
		ORP in mV	490	390	
С	Burhigaon	Water soluble salts as	450	330	
		EC in mS/m	147	336	
		Organic matter in %	4.8	1.4	
		Moisture Content in %	23.7	8.64	
		pH value (1.5) Sulphite in SO₃ in %	5.54 5.8	6.18	
		•	6.8		
		Chloride in mg/kg ORP in mV	568	13.6	
D	Khumtai	Water soluble salts as	308	425	
			132	253	
		EC in mS/m	4.5	2.3	
		Organic matter in % Moisture Content in %	34.5	8.64	
			5.6		
		pH value (1.5) Sulphite in SO₃ in %	4.63	6.09	
		Chloride in mg/kg	8.4	10.6	
	Shankardev	ORP in mV	490	390	
		Water soluble salts as	490	390	
	nagar	EC in mS/m	396	205	
		Organic matter in %	3.7	2.6	
		Moisture Content in %	38	14.4	
E		pH value (1.5)	6.4	6.11	
		Sulphite in SO ₃ in %	5.67	6.2	
		Chloride in mg/kg	8.7	12.6	
		ORP in mV	520	405	
	Agomoni	Water soluble salts as	320	403	
		EC in mS/m	460	246	
		Organic matter in %	4.1	2.6	
		Moisture Content in %	29	5.24	
		pH value (1.5)	6.8	6.8	
		Sulphite in SO ₃ in %	32.6	36.2	
		Chloride in mg/kg	28.2	26.8	
F	Cohnur	ORP in mV	72	74	
「	Gohpur		12	/4	
		Water soluble salts as EC in mS/m	0.41	0.48	
		Moisture Content in %	28.4	32.1	

Assam Intra-State Transmission System Enhancement Project, Phase-1

Name of Packa ge	Name of Monitoring	Parameters	Results (Baseline data)	Results (Data generated for post-monsoon season 2024)	Remarks
		Organic matter in %	_	0.74	
		pH value (1.5)	6.1	4.86	
		Sulphite in SO₃ in %	5.86	6.2	
		Chloride in mg/kg	8.2	10.6	
G	Rangia-	ORP in mV	445	390	
	Kumarikata	Water soluble salts as EC in mS/m	397	110	
		Organic matter in %	2.1	2.6	
		Moisture Content in %	24.6	22.6	
		Texture	Sandy Clay		Post
		Sand	49.51		monsoon
		Clay	40.28		EQMT not conducted
		Silt	10.21		as there is
		pH value (1.5)	6.92		no site
	Sonapur	Electric Conductivity	328.4		activity.
H1	Approach	Potassium	159.4		However,
	Road	Sodium	242.83		pre- monsoon
		Calcium	3697.89		will be
		Magnesium	382.63		carried out
		Sodium Absorption Ratio	1.02		during March to May, 2025

7.2 Capacity Building Monitoring

The details Capacity building program are provided in Table below.

Table 18: Details of Capacity building program

SI.	Date	Topic of Training	Participant/ Organization	No. of
No.				Participant
	00 07 2024	Training on EHS&S aspects at Khumtai	EPC Contractor's	02
1.	09.07.2024	GIS substation	representatives and	42
			School Students	13
_		Training on EHS&S aspects at	EPC Contractor's	02
2.	2. 23.07.2024	Jakhalabandha GIS substation.	representatives and	_
			Labour	19
		Training on EHS&S aspects at	EPC Contractor's	02
3.	25.07.2024	Shankardevnagar GIS substation.	representatives and	
			Labour	13
		Training on EHS&S aspects at	EPC Contractor's	01
4.	03.08.2024	Shankardevnagar GIS substation.	representatives and	
		Sharmaracthagar die sabstationi	Labour	10
		Training on EHS&S aspects at Nagaon-2	EPC Contractor's	04
5.	09.08.2024	GIS substation.	representatives and	
		Clo substation.	Labour	03
		Training propgram on GRM Conducted	PIU/PMU	07
6.	09.08.2024	at Burhigaon GIS substation.	EPC Contractor's	03
		at barrigaon dis substation.	representatives	
		Training on EHS&S aspects at Khumtai	EPC Contractor's	01
7.	14.08.2024	GIS substation.	representatives and	
		dis substation.	Labour	09
		08.2024 Training program on GRM Conducted at Rangia GIS substation.	PIU/PMU	05
8.	16.08.2024		EPC Contractor's	
		Rangia dio substation.	representatives	04
		Training program on GRM Conducted at	PIU/PMU	08
9.	21.08.2024	Gohpur GIS substation.	EPC Contractor's	
		Gonpar dis substation.	representatives	04
		Training on EHS&S aspects at	EPC Contractor's	01
10.	28.08.2024	Jakhalabandha GIS substation.	representatives and	
		Jakrialabariaria dis substation.	Labour	05
			PIU/PMU	06
11.	30.08.2024	Training program on GRM Conducted at	EPC Contractor's	
11.	30.08.2024	Bihpuria GIS substation.	representatives	05
		Training program on GRM Conducted at	PIU/PMU	04
12.	31.08.2024	Nagaon-2 GIS substation	EPC Contractor's	
			representatives	09
		Training on EUCOC acrosts at	PIU/PMU	02
10	06.09.2024	Training on EHS&S aspects at Jakhalabandha GIS substation and	EPC Contractor's	
13.	00.09.2024		representatives and	02
		awareness on GRM.	Labour	08
14.	13.09.2024	Training on EHS&S aspects at Nagaon-2	EPC Contractor's	02

		GIS substation.	representatives and	
		dis substation.	Labour	04
			PIU/PMU	04
15.	25.09.2024	Training program on GRM Conducted at	EPC Contractor's	04
15.	23.09.2024	Shankardevnagar GIS substation.		03
			representatives PIU/PMU	03
4.0	27.00.2024	Training program on GRM Conducted at	·	02
16.	16. 27.09.2024	Chhaygaon GIS substation.	EPC Contractor's	0.5
			representatives	05
		Training program on GRM Conducted at	PIU/PMU	03
17.	30.09.2024	Khumtai GIS substation.	EPC Contractor's	
			representatives	03
		Training on EHS&S aspects at Khumtai	EPC Contractor's	01
18.	01.10.2024	GIS substation.	representatives and	
		dis substation.	Labour	11
		Training program on GRM Conducted at	PIU/PMU	03
19.	4.10.2024		EPC Contractor's	
		Agomoni GIS substation.	representatives	03
		Turining on FUCOC consists at	EPC Contractor's	04
20.	08.10.2024	Training on EHS&S aspects at Jakhalabandha GIS substation.	representatives and	
			Labour	26
			EPC Contractor's	01
21.	25.10.2024	Training on EHS&S aspects at Burhigaon GIS substation.	representatives and	
			Labour	11
			EPC Contractor's	01
22.	28.10.2024	Training on EHS&S aspects at Nagaon-2	representatives and	
		GIS substation.	Labour	06
			EPC Contractor's	02
23.	29.10.2024	Training on EHS&S aspects at	representatives and	
		Jakhalabandha GIS substation	Labour	12
			EPC Contractor's	02
24.	19.11.2024	Training on EHS&S aspects at Khumtai	representatives and	
		GIS substation.	Labour	11
			EPC Contractor's	02
25.	27.11.2024	Training on EHS&S aspects at Gohpur	representatives and	32
25.	27.11.2024	GIS substation.	Labour	14
			EPC Contractor's	2
26.	04.12.2024	Training on EHS&S aspects at Nagaon-2	representatives and	_
20.	04.12.2024	GIS substation.	Labour	15
27	12 12 2024	Training on EHS&S aspects at Agomani	EPC Contractor's	02
27.	12.12.2024	GIS substation.	representatives and	25
			Labour	25
		Training on EHS&S aspects at Gohpur	EPC Contractor's	01
28.	17.12.2024	GIS substation.	representatives and	
			Labour	13

Apart from the above, regular training to EPC contractors has been given during preparation of their respective Contractor's Environmental and Social Management plan (CESMP) including Traffic Management Plan (TMP) from July to December, 2024.

E&S training was conducted on different topics mentioned below:

- 1. Statutory requirement of permission/consent/clearances as per approved CESMP, ESIA ESMP & ESMPF.
- 2. Detailed requirement of compliance of approved CESMP as per ESIA ESMP & ESMPF.
- 3. Detailed safety requirements during the execution of civil work as per approved CESMP, ESIA ESMP & ESMPF.
- 4. Detailed facilities to be provided to labour and contractors GRM process as per approved CESMP, ESIA ESMP & ESMPF.
- 5. Detailed requirement of Environmental Monitoring for Ambient Air Quality, Noise Level, Water, Soil quality, Ecological and Social environment as per approved CESMP, ESIA ESMP & ESMPF.

Grievance Redress Mechanism (GRM) training/Public awareness was conducted at filed level/project site and nearby substation sites on different topics mentioned below.

- 1. Overview of the Grievance Redress Mechanism,
- 2. Complaints that may arise during the project implementation period (Pre-Construction, During Construction and Post Construction),
- 3. Roles and Responsibilities of GRC Members (PIU),
- 4. Most common grievances and redressal and
- 5. How to maintain the grievance redressal mechanism Logbook.

All the above documents were provided to the Officials present in the training program and ensuring to maintain proper records on all project specific grievances for GRM.

7.3 CAPACITY BUILDING ON THE SAFETY INDUCTIONS AND MEETINGS, INCLUDING SAFETY TOOLBOX TALKS CONDUCTED DURING THE REPORTING PERIOD

Table 19: Summary of the Capacity Building on the safety inductions and meeting including TBT

SI.	Packages	Name of Substation	Numbers of	Numbers of	Numbers of	Numbers of
No.			Induction	Toolbox Talk	Training	Mock Drill
1	Α	Jakhalabandha	03	74	05	0
1	A	Bihpuria	02	76	0	0
2	В	Nagaon 2	0	67	11	0
2	В	Chaygaon	01	52	03	0
3	С	Burhigaon	0	131	04	0
4	D	Khumtai	02	31	04	01
5	E	Sankardev nagar	09	99	27	05
5		Agomoni	0	97	0	0
6	F	Gohpur	01	30	01	0
7	G	Rangia-Kumarikata	12	03	0	0

The details of the Capacity Building on the safety inductions and meeting including Tool Box Training are provided in **Appendix 14.**

7.4 ACCIDENT MONITORING DURING THE PERIOD OF JULY TO DECEMBER, 2024

Table 20: Summary of the accident monitoring during the reporting period

SI.		Name of	Total numbers of accident occurred during	Total numbers of fatality
No	Packages	Substation	July-December'2024	during July- December'2024

1	1 A	Jakhalabandha	07	00
1	Α	Bihpuria	07	00
,	В	Nagaon 2	04	00
2	ь	Chaygaon	13	00
3	С	C Burhigaon 02		00
4	D	Khumtai	04	00
5	F	Sankardev nagar	02	00
5		Agomoni	No accident reported/happened at site	00
6	F	F Gohpur 05		00
7	G	Rangia-Kumarikata	01	00

The details of the accident monitoring during the reporting period are provided in Appendix- 15.

7.5 Highlighted Actions

- Compliance with Applicable Regulations/Standards is being done.
- Compliance to Environmental and Social Covenants from the AIIB Loan Agreement is being done.
- Compliance with the Environmental and Social Management Plan (ESMP) including the Environmental and Social Monitoring Plan (ESMOP) is being done.
- Provisional Time Extension with imposition of LD against Construction of 220/33, 2 X 100 MVA GIS at two locations (Bihpuria & Jakhalabandha) and associated Transmission Lines (Package-A) on turkey basis under AllB Loan No-L0302A till 31.12.2025 has been approved on 27.12.2024 by AEGCL.
- Provisional Time Extension with Liquidated Damage (LD) against Construction of 132/33 kV, 2X5O MVA Burhigaon GIS and associated Transmission Lines (Package-C) till 30.06.2025 has been approved on 19.12.2024 by AEGCL.
- All the EPC contractors has conducted the post-monsoon Environmental Quality Monitoring (EQM) test as per approved CESMP during the reporting period.
- The ROW permission / approval for the three routes of Pkg -G has been obtained on 03.8.2024 (for one T/L) 12.08.2024 (for two T/Ls).
- ESIA-ESMP for Transmission Line of Khumtai substation under Package-D has been submitted to AIIB on 29.08.2024. Comments/suggestion received from AIIB on 24.10.2024. Updated Rev-1 draft ESIA-ESMP incorporating the AIIB's Comments has been submitted to AIIB on 23.12.2024.
- Updated 7th Semi Annual Monitoring Report for the period January to June, 2024 incorporating the compliance of comments received from AIIB was submitted on 29.11. 2024. Approval is awaited from AIIB.
- Revised CESMP report of Rangia / Kumarikata GIS substation under Package-G incorporating compliance of comments of AIIB was submitted on 15.07.2024. Approval received from AIIB on 18.07.2024.
- Compliance of the CESMP is being done by EPC contractors under the direct supervision of PMC as per contract requirements.
- Accident monitoring is being done as per requirement. During the reporting period, some minor
 incidents occurred such as slight cut in the hand, leg, finger and knee, back and knee pain of the
 laborer working in the construction activities under several Packages.

8.0 Implementation of Grievance Redressal Mechanism and Complaints Received

Role and responsibilities of the GRM is in place. The grievances received during the reporting period are mentioned in the table below.

Table 21: Status of Grievance Received and their Redressal Public Grievances

SI. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Compliance Photographs
Pack	age- A	Complain	Complain			
1	Nearest Community	Bihpuria S/S 06.07.2024	Dust particles generate near the substation approach road	Issue resolved on 06.07.2024	Water sprinkled done on the road side	
2	Nearest Community	Jakhalabandha S/S 15.07.2024	Immediately repair or replace the damaged section of the temporary fence to prevent further entry of cattle's	Issue resolved on 19.07.2024	The temporary boundary fence repaired.	
3	Nearest Community	Jakhalabandha S/S 17.07.2024	Nearest community request to installed lighting facility outside the substation boundary wall.	Issue resolved on 21.07.2024	Proper Lighting facility installed outside boundary wall	
Pack	age-B					
1	Nearest Community	Chhaygaon S/S 02-07-2024	The project detail sign board is not displayed in front of the substation area.	Issue resolved on 13-07-2024	board placed in front of the substation	AND THE RESERVE THE PARTY OF TH
2	Nearest Community	Nagaon S/S 20-10-2024	Vehicle carrying materials running at high speed on the village road near the substation	Issue resolved on 20-10-2024	reduce the speed limit on the village road near substation	
3	Nearest Community	Nagaon S/S 20-11-2024	Enquiring about availability of job in	Issue resolved on	Inform him that if any	P 102

		1	the Cubetation	tho.	vacancy.	
			the Substation.	the 23-11-2024	vacancy arises then it will notify him immediately.	
Packa	age-C					
1	Nearest Community	Burhigaon S/S 15.07.2024	Housekeeping required at road side (Highway) of the construction site.	Issue resolved on 15.07.2024	g done around road side of the construction site.	
2	Nearest Community	Burhigaon S/S 25.09.2024	Substantial dust on the road side (Highway)	Issue resolved on 25.09.2025	Water sprinkle done on the road	
	age-D	1				
1	Nearest Community	Khumtai S/S 08.07.2024	Poor Illumination at site	Issue resolved on 16.07.2024	arrangement done at substation.	
2	Nearest Community	Khumtai S/S 21.07.2024	damage due to the movement of vehicles from substation.	22.07.2024	damage area of the tea garden approach road.	
3	Nearest Community	Khumtai S/S 12.08.2024	Poor housekeeping near substation area.	Issue resolved on 19.08.2024	Housekeepin g done.	

_	Manuart	V/s	A de con :	1	A	
4	Nearest Community	Khumtai S/S 17.10.2024	Approach road is damage at the entrance of the main gate.	Issue resolved on 19.10.2024	repaired	
5	Nearest Community	Khumtai S/S 28.11.2024	Poor Lighting facility near main entrance gate	Issue resolved on 30.11.2024	One more Lighting facility provided near main entrance gate.	
	age-E	1	T			
1	Nearest Community	Sankardev Nagar S/S 07-07-2024	Approach road to substation from AEGCL main gate to RE Residential quarters at Sankerdev nagar S/s was damage.	Issue resolved on the 08-07-2024	repaired temporarily.	
2	Nearest Community	Sankardev Nagar S/S 13-07-2024	Electrical cable damage at security booth	Issue resolved on the 14-07-2024	Repaired the electrical cable	
3	Nearest Community	Sankardev Nagar S/S 12-09-2024			Water Sprinkle done	
4	Nearest Community	Sankardev Nagar S/S 28-11-2024	Poor lighting facility near main entrance gate	Issue resolved on the 30-11-2024	One more light Provide	
5	Nearest Community	Agomani S/S 27-11-2024	Dust particles is being generated on the road in front of school premises due to movement of ordinary earth carrying vehicle.	Issue resolved on the 27-11-2024	Water sprinkle	

Summary table showing type and level of complaints (Public Grievance)

SI.	Type of Grievance	Package wise grievance received	Total	Level of
No			No	Grievance
	Issues related to Dust	• Pkg-A 1 No's (Bihpuria S/s - 1 nos,)		Tier-I
	particles	• PkG-C – 1 Nos. (Bhurigaon S/s 1 nos)	04	
1		• Pkg-E 2 Nos (Shankardevnagar S/s -1 no,		
		Agomani S/s -1 no.)		
2	Issues related to	• PkG-C - 1 No. (Bhurigaon S/s 1 no)	2	Tier-I
2	Housekeeping	• PkG-D – 1 No. (Khumtai S/s 1 no)		
3	Issues related to	• PkG-B - 1 No. (Chhaygaon S/s 1 no)	1	Tier-I
3	Displayed/ banner.			
	Issues related to reduce	• PkG-B - 1 No. (Nagaon-2 S/s 1 no)	1	Tier-I
4	speed limit of carrying			
	vehicle			
	Issues related to Poor	• Pkg-A 1 No's (Jakhalabandha S/s - 1 nos,)	4	Tier-I
5	illumination.	• PkG-D – 2 No. (Khumtai S/s 2 no)		
		• Pkg-E 1 Nos (Shankardevnagar S/s -1)		
6	Issues related to Proper	• PkG-D – 2 No. (Khumtai S/s 2 no)	3	Tier-I
0	access road	• PkG-E – 1 Nos. (Sankardevnager S/s 2 nos)		
7	Issue related to Damaged	• Pkg-A 1 No's (Jakhalabandha S/s - 1 nos,)	1	
/	fence			
8	Issue related to applying	• PkG-B – 1 No. (Nagaon-2 S/s 1 no)	1	
0	for Job			
9	Issue related to naked	• PkG-D – 1 No. (Khumtai S/s 1 no)	1	
9	electrical wire			

Labour Grievances

SI. No.	Complain/s	Location/s and Date/s of	Description of Grievance /	Timeline*	Remarks	Sample Photographs
		Complain	Complain			
1	age-A Labour (Verbal)	Jakhalabandha S/S 09.07.2024	Damaged hand gloves	Issue resolved on 09.07.2024	Hand gloves Provided	ASSANCES
2	Labour (Verbal)	Jakhalabandha S/S 12.07.2024	Damaged Reflecting jacket	Issue resolved on 12.07.2024	Reflecting jacket provided	
3	Labour (Verbal)	Jakhalabandha S/S 12.07.2024	I.D. card required	Issue resolved on 15.07.2024	I.D. card provided	Service eller Service eller Service eller Fervice eller
4	Labour (Verbal)	Jakhalabandha S/S 17.07.2024	Damaged safety shoe	Issue resolved on 17.07.2024	Safety shoe Provided	
5	Labour (Verbal)	Jakhalabandha S/S 23.08.2024	Required nose mask.	Issue resolved on 23.08.2024	Nose musk Provided	

SI. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs	
6	Labour (Verbal)	Jakhalabandha S/S 22.09.2024	Safety Hand gloves damaged.	Issue resolved on 23.09.2024	Hand gloves Provided		
7	Labour (Verbal)	Jakhalabandha S/S 07.10.2024	Safety Hand gloves damaged.	Issue resolved on 07.10.2024	Hand gloves Provided		
8	Labour (Verbal)	Jakhalabandha S/S 24.10.2024	Safety Hand gloves damaged	Issue resolved on 24.10.2024	Hand gloves Provided	And the second s	
9	Labour (Verbal)	Jakhalabandha S/S 27.12.2024	Hand gloves damaged	Issue resolved on 28.12.2024	Hand gloves Provided		
10	Labour (Verbal)	Bihpuria S/S 06.07.2024	Damaged reflecting Jacket.	Issue resolved on 06.07.2024	Provided		
11	Labour (Verbal)	Bihpuria S/S 13.07.2024	Damaged safety shoes.	Issue resolved on 13.07.2024	Provided		
Package-B							
1	Labour (Verbal)	Nagaon-2 S/S 12-08-2024	Nearest area of workmen camp submerged with rain water.	Issue resolved on 12-08-2024	Made Temporary drainage		

SI. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs	
2	Labour (Verbal)	Nagaon-2 S/S 14-09-2024	Safety belt required for height work.	Issue resolved on 09-17-2024	Safety belt provided		
3	Labour (Verbal)	Nagaon-2 S/S 19-09-2024	Need hand gloves for steel shifting.	Issue resolved on 21-09-2024	Hand gloves Provided		
4	Labour (Verbal)	Nagaon-2 S/S 09-10-2024	Safety Helmet broken.	Issue resolved on 11-10-2024	Safety Helmet provided.		
5	Labour (Verbal)	Nagaon-2 S/S 14-11-2024	Safety shoes damaged	Issue resolved on 16-11-2024	provided		
6	Labour (Verbal)	Nagaon-2 S/S 26.11.2024	Need orange reflective jacket.	Issue resolved on 27.11.2023	Provided		
7	Labour (Verbal)	Nagaon-2 S/S 26.12.2024	Need reflective jacket.	Issue resolved on the 28.12.2024	Reflective jacket. Provided		
8	Labour (Verbal)	Chhaygaon S/S 12.07.2024	Glucon- D required	Issue resolved on 12.07.2024	Provided Glucon-D		
9	Labour (Verbal)	Chhaygaon S/S 14.08.2024	Nose musk required	Issue resolved on 4.08.2024	Provided		
10	Labour (Verbal)	Chhaygaon S/S 09.09.2024	Drinking water not available at site during slab casting	Issue resolved on 09.09.2024	Drinkink Water Provided		
11	Labour (Verbal)	Chhaygaon S/S 09.09.2024	Nose mask required	Issue resolved on 09.09.2024	Nose Musk Provided		
12	Labour (Verbal)	Chhaygaon S/S 13.11.2024	Safety shoe required	resolved on 13.11.2024	Safety shoes Provided		
13	Labour (Verbal)	Chhaygaon S/S 18.11.2024	Nose mask required	Issue resolved on the 18.11.2024	Nose Musk Provided		
14	Labour (Verbal)	Chhaygaon S/S 26.12.2024	Need reflective jacket.	Issue resolved on 28.12.2024	Reflective jacket. Provided		
Pack	Package-C						

SI. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
1	Labour (Verbal)	Burhigaon S/S 20-07-2024	Safety Shoes Damaged	Issue resolved on 20.07.2024	Safety Shoes provided	
2	Labour (Verbal)	Burhigaon S/S 28.07.2024	Water Filter required	Issue resolved on 29.07.2024	Water Filter Provided	
3	Labour (Verbal)	Burhigaon S/S 15.08.2024	Safety Helmet Damaged	Issue resolved Issue resolved on 15.08.2024	Safety Helmet provide	The second secon
4	Labour (Verbal)	Burhigaon S/S 20.09.2024	Safety eye glass damaged	Issue resolved on 20.09.2024	Safety glass provided.	The second secon
5	Labour (Verbal)	Burhigaon S/S 09.10.2024	Mosquito net damaged	Issue resolved on 11.10.2024	provided.	
6	Labour (Verbal)	Burhigaon S/S 10.11.2024	Safety jacket damage	Issue resolved on 11.10.2024	_	
7	Labour (Verbal)	Burhigaon S/S 12.11.2024	Safety helmet damage	lssue resolved on 12.11.2024	New safety helmet provided	
Pack	age-D					
1	Labour (Verbal)	Khumtai S/S 11.07.2024	Reflecting jacket required	Issue resolved on 12.07.2024	Provided Reflector jacket.	

SI. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
2	Labour (Verbal)	Khumtai S/S 14.07.2024	Nose mask required	Issue resolved on 14.07.2024	Nose mask provided	
3	Labour (Verbal)	Khumtai S/S 26.08.2024	Reflecting jacket required	Issue resolved on 27.08.2024	Reflecting jacket provided	
	Labour (Verbal)	Khumtai S/S 14.10.2024	Require safety shoes for the new workers	Issue resolved on 18.10.2024	Safety shoes provided	
4	Labour (Verbal)	Khumtai S/S 16.11.2024	Housekeeping required around the substation	Issue resolved on 19.11.2024	Housekeeping provided	
5	Labour (Verbal)	Khumtai S/S 24.12.2024	Induction of new labour not provided.	Issue resolved on 24.12.2024	Induction provided	
Pack	age-E		I			
1	Labour (Verbal)		Waterlogged in front of workmen camp at sankardevnagar.	resolved on	Temporary drainage made to drain out the water.	

SI. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
2	Labour (Verbal)	Sankardev Nagar S/S 10.07.2024	Damage mosquito net.	Issue resolved on 12.07.2024	Mosquito net. Provided	
3	Labour (Verbal)	Sankardev Nagar S/S 08.08.2024	Sufficient kits not available in the First aid Box at workmen camp.	Issue resolved on 10.08.2024	Provided First- Aid box	
4	Labour (Verbal)	Sankardev Nagar S/S 22.08.2024	Drainage blocked form security guard room to national highway outlet site	Issue resolved on 25.08.2024	Drainage cleared	
5	Labour (Verbal)	Sankardev Nagar S/S 04-09-2024	Area not cleaned from main gate to Construction site.	Issue resolved on 05-09-2024		
6	Labour (Verbal)	Sankardev Nagar S/S 09.10.2024	Damage Mosquito net in work men camp.	Issue resolved on 10.10.2024	Mosquito net Provided	
7	Labour (Verbal)	Sankardev Nagar S/S 12.10.2024	Demand Toilet cleaner Item.	Issue resolved on 15.10.2024	Toilet cleaner Provided	

SI. No.	Complain/s	Location/s and Date/s of Complain	Description of Grievance / Complain	Timeline*	Remarks	Sample Photographs
8	Labour (Verbal)	Sankardev Nagar S/S 15.10.2024	Demanded Hand Wash Item.	Issue resolved on 18.10.2024	Hand Wash Item provided	
9	Labour (Verbal)	Sankardev Nagar S/S 28.10.2024	Demanded Sleeping mate Item.	Issue resolved on 29.10.2024	Sleeping mate Item Provided	
10	Labour (Verbal)	Sankardev Nagar S/S 25-11-2024	Naked Cable Connection in work men Camp.	Issue resolved on 26-11-2024	Plug top has been provided in work men camp.	
11	Labour (Verbal)	Sankardev Nagar S/S 30.11.2024	Dettol required	Issue resolved on 30.11.2024	Dettol provided	
12	Labour (Verbal)	Sankardev Nagar S/S 12.12.2024	Nose Mask not provided to the workers	Issue resolved on 12.12.2024	Nose Mask provided	
13	Labour (Verbal)	Sankardev Nagar S/S 27.12.2024	Hand gloves required	Issue resolved on 27.12.2024	New hand gloves provided	
14	Labour (Verbal)	Agomani S/S 28.11.2024	Hand gloves required	Issue resolved on 29.11.2024		
15	Labour (Verbal)	Agomani S/S 02.12.2024	The power supply to the workman camp is disrupted	Issue resolved on 03.12.2024	Fault was rectified and power supply was restored.	
16	Labour (Verbal)	Agomani S/S 23.12.2024	Bleching powder not provided	Issue resolved on 23.12.2024	Belching powder provided.	
17	Labour (Verbal)	Agomani S/S 31.12.2024	Sufficient water not supply to workman camp	Issue resolved on 05.01.2025	Water motor replaced	
Pack	age-F					
1	Labour (Verbal)	Gohpur S/S 04.12.2024	New Safety Goggles required	resolved on 04.12.2025	Safety Goggles Provided.	
2	Labour (Verbal)	Gohpur S/S 22.12.2024	New Safety Jacket required	Issue resolved on 25.12.2025	Safety Jacket Provided.	

Summary table showing type and level of complaints (Labour Grievance)

Sl. No	Type of Grievance	Package wise grievance received	Total No	Level of Grievance
1	Issues related to Hand Gloves	 Pkg-A 4 No's (Jakhlabandha S/s – 4 nos Pkg-B 1 No's (Nagaon S/S 1 no) PkG-E – 1 No. (Agomoni S/s 1 no) 	06	EPC Contractor
2	Issues related to Mosquito net	 PkG-C - 1 Nos. (Bhurigaon S/s 1 nos) PkG-E - 2 No. (Sankardevnager S/s 2no) 	3	EPC Contractor
3	Issues related to Helmate	 Pkg-B 1 No's (Nagaon S/s-1 no.) PkG-C - 1 Nos. (Bhurigaon S/s 1 nos) 	2	EPC Contractor
4	Issues related to reflective jacket for safety	 PkG-A - 2 No's. (Jakhalabandha S/s 1 no & Bihpuria S/s - 1 nos) Pkg-B 2 No's (Nagaon S/s-1 no & Chhaygaon S/s-1.) PkG-C - 1 Nos. (Bhurigaon S/s 1 nos) 	5	EPC Contractor
5	Issues related to safety shoes	 PkG-A - 2 No's. (Jakhalabandha S/s 1 no & Bihpuria S/s - 1 nos) Pkg-B 2 No's (Chhaygaon S/s-1.) PkG-C - 1 Nos. (Bhurigaon S/s 1 nos) PkG-D - 1 No's. (Khumtai S/s 1 nos) 	6	EPC Contractor
6	Issues related to Nose mask	 PkG-A - 2 No's. (Jakhalabandha S/s 2 no.) PkG-B - 3 No. (chhaygaon S/s 3 no) PkG-C - 1 Nos. (Bhurigaon S/s 1 nos) PkG-E - 1 No. (Sankardevnager S/s 1 no.) 	7	EPC Contractor
7	Issues related to Glucon-D	• PkG-B – 1 No. (Chhaygaon S/s 1 no)	1	EPC Contractor
8	Issues related to proctective eye shield	 PkG-C - 1 No. (Bhurigaon S/s 1 no) PkG-F - 1 No. (Gohpur S/S 1no) 	2	EPC Contractor
9	Issues related to potable drinking water	 PkG-B - 1 No. (Chhaygaon S/s 1 no) PkG-E - 1 No. (Agomani S/s 1 no) 	2	EPC Contractor
10	Issues related to accumulation of rain water at labour camp access	 PkG-B – 1 No. (Nagaon2 S/s 1 no) PkG-E – 2 No. (Sankardevnager S/s 2 no) 	3	EPC Contractor
11	Issues related to electrical safety.	• PkG-D - 1 No's. (Khumtai S/s 1 nos)	3	EPC Contractor

Sl. No	Type of Grievance	Package wise grievance received	Total No	Level of Grievance
		• PkG-E – 2 No. (Sankardevnager S/s 1 no & Agomani S/s 1 no)		
12	Issues related to hygiene at labour camp	 PkG-D - 1 No's. (Khumtai S/s 1 nos) PkG-E - 1 No. (Sankardevnager S/s 1 no) 	2	EPC Contractor
13	Issues related to Bathroom & Toilet Cleaning item	• PkG-E - 3 No. (Sankardevnager S/s 2 no & Agomini S/s 1 no)	3	EPC Contractor
14	Issues related to First-Aid Box	• PkG-E - 1 No. (Sankardevnager S/s 1 no)	1	EPC Contractor
15	Issues related to Sleeping item	• PkG-E - 1 No. (Sankardevnager S/s 1 no)	1	EPC Contractor
16	Issues related to Labours Id card	• PkG-A - 1 No's. (Jakhalabandha S/s 1 no.)	1	EPC Contractor
17	Issues related to safety belt	• PkG-B – 1 No. (Nagaon2 S/s 1 no)	1	EPC Contractor
18	Issues related to labour Induction	• PkG-D - 1 No's. (Khumtai S/s 1 nos)	1	EPC Contractor

9.0 Corrective Action Plan

Table 22: Key issues and Corrective Action Plan

SI.	Key issue/ gaps observed	Suggested corrective action	1	Timeframe
No.	ney issue/ gups observed	Subpessed corrective action	it copolisionity	· · · · · · · · · · · · · · · · · · ·
1.	Copies of all clearances / permissions / consents (including renewal copies) viz. Erection All Risk Policy, Workmen's Compensation Policy and Labour License etc. are being submitted by EPC contractors.	EPC contractors of all packages are suggested to submit copies of all clearances / permissions / consents (including renewal copies) as per requirements of approved CESMP.	EPC contractors	7 days/ before expiry date of permissions / consents.
2.	Periodical Health check-up program has not been organized, except Package - A (Jakhalabandha), Package -G during the reporting period.	All EPC contractors are suggested to organize Health check-up program without fail.	EPC contractors	60 days for the packages where health checkup camp has not been organised / before next reporting period.
3.	 Contractor's E&S Monthly Progress Report of all packages has not submitted on regular basis except package - E. Compliance report of PMC's Monthly Site Visit Observations has not submitted by all packages except package -E. 	EPC contractors of all packages are suggested to submit Contractor's E&S Monthly Progress Report and also submit the compliance report of PMC's Monthly Site Visit Observations on regular basis without fail.	EPC contractors	Within 10 days.
4.	Deployment against the vacant Community Consultation Officer is yet to complete by EPC contractors except package – B, C,	As per contract requirement, EPC Contractor need to appoint Community Consultation	EPC contractors	Within 7 days

SI. No.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
	& E.	Officer for Transmission Line works, which is still pending.		
5.	Display of sufficient nos. of work related signboard, PPE kits and proper labour facilities needs to be provided by all the EPC contractors in their respective packages. Some of the signboards on packages B (Chhaygaon S/s), C (Burhigaon S/s), and D (Khumtai S/s) are damaged or torn and need to be replaced. In Package -B, and D Labours, while working at the site, some workers damaged their safety gears, the EPC contractor unable to replace the same immediately.	EPC contractors are suggested to ensure sufficient nos. of work-related signboard is to be displayed in all project sites, PPE kits need to be provided in all project sites and proper labour facilities are also to be provided in their respective packages.	EPC contractors	Within one week
6.	Need to filling up all the necessary work-related E&S checklists regularly for all the ongoing works.	EPC contractors are suggested to filling up of work-related E&S checklists regularly in all the ongoing working sites.	EPC contractors	Activity wise / weekly / fortnightly / monthly
7.	 Need to comply with proper housekeeping, proper drainage facilities / waste management facilities. Other packages are maintaining except Packages D and A. It has been observed that proper Housekeeping not done during the time of major casting works in all the packages. 	EPC contractors of all packages are suggested to comply all requirements.	EPC contractors	Within one week
8.	Check Survey report has not been approved as per latest approved tower spotting data for all packages except package - Bhurigaon Pkg-C. 132 kv Khumtai-Sarupathar TL Pkg-D and LILO of 220kV Azara — Boko TL of Chhaygaon S/s.	EPC contractors of all packages are suggested to obtain approval of check survey report at the earliest.	EPC contractors	Before next reporting period
9.	Pending final survey for landowner identification of T/L of all packages shall be carried out jointly in all the Transmission Lines with concerned Circle Offices to finalize the land scheduling report.	Communication with concerned Circle Offices needs to be expedite.	AEGCL, PMC and EPC contractors	Before next reporting period
10.	Permission of RoW for associated T/L of package - B (Nagaon 2 substation) is awaited from District Authority.	Needs to follow up with the District Authority	AEGCL / EPC contractors	Within one month.
11.	For the RoW permission of Pkg - H, the joint verification for entire 19 km route that traverses various	Need to expedite	AEGCL / EPC contractors	Within one month.

SI.	Key issue/ gaps observed	Suggested corrective action	Responsibility	Timeframe
No.	villages has been completed, by the Lat Mandals of the Sonapur Revenue Circle. The report is awaited from District Authority, Kamrup (M).			
12.	Need to obtain various government rates for compensation of crop.	All respective PIU officials of AEGCL needs to communicate to all stockholders / departments for obtaining various government rates for compensation of crop damage, plantation damage, tree cutting, trimming, utilities, etc. that will be damaged during construction works.	AEGCL / EPC contractors	Before next reporting period
13.	Need communicate for obtaining statutory clearance from Railway crossing, Forest clearane, NHAI, PTTC Power Grid etc.	PIU to communicate with the concerned departments for obtaining statutory clearance if any is required, such as Railway crossing, NHAI, PTTC Power Grid etc. Package-H Sonapur TL. The forest clearance of the TL, 'In-Principle Approval/Stage-I' clearance was obtained from the Central Government (IRO, MoEF&CC, Guwahati) on 30.01.2024, in favor of AEGCL. The other required processes for the final approval/Stage-II required to be done.	AEGCL / EPC contractors	Before next reporting period

10.0 Status of non-compliances from previous monitoring report

Table – 23 -Status of the non-compliances and corrective actions proposed in the previous (7th) monitoring report.

SI. No.	Key issues	Action Required	Responsibility	Compliance status on corrective actions of previous (7 th) monitoring report during the present reporting period.	Present Status
1.	Copies of permissions /consents to be submitted	Submit copies of permissions /consents before respective activity	EPC contractors	Being complied	Ongoing
2.	Forest clearance for T/L of	PIU/PMU/PMC	PIU / PMC /	"In-Principle	Ongoing

				T	
	package H (Sonapur) is yet to be obtained from Forest	requires expediting the	PMU	Approval/Stage- I" clearance has been	
	Department.	process of		obtained from Central	
		Forest clearance		Government (IRO,	
		for T/L of		MoEF&CC, Guwahati)	
		package H		on 30.01.2024 in	
		(Sonapur) from		favour of AEGCL.	
		Forest		Other required	
		Department.		processes for the final	
				approval for Stage II in	
				under progress	
				Tree cutting	
				permission is received	
				on 22.05.2024 from	
				CCF/NO(FC Act).	
				The joint verification	Ongoing
	The Delay remarkation for the	DNALL/DULL		for entire 19 km route	
	The RoW permission for the	PMU/PIU need		that traverses various	
	complete route passing	to expedite the		villages has been	
3	through different villages for the construction of new	for collecting	PMU/PIU	completed, by the Lat Mandals of the	
	LILO 400KV Silchar-Byrnihat	the report from District			
	T/L is yet to be obtained.	Authority.		Sonapur Revenue Circle. The report is	
	1/L is yet to be obtained.	Authority.		awaited from District	
				Authority, Kamrup (M).	
				/ Additioney, Raim ap (141).	Substantially
					Complied.However,
					Some of the
					signboards on
					packages B
				Project signboards are	(Chhaygaon S/s), C
	Project signboard is to be			being displayed, PPE	(Burhigaon S/s), and
	displayed in all project sites,	EPC Contractors		kits are being provided,	D (Khumtai S/s) are
	sufficient numbers of PPE	to provide the		fire extinguishers are	damaged or torn and
4.	kits are to be provided in all	facilities at	EPC contractors	installed and labour	need to be replaced.
	sites, fire extinguisher to be	respective		facility is being	In Package -B, and D
	installed, and proper labour facility to be provided by	project site,		provided and same has to be ensured in their	Labours, while
	EPC contractors.				working at the site,
	LFC CONTRACTORS.			respective project site by EPC contractors	some workers
				by Li C contractors	damaged their safety
					gears, the EPC
					contractor unable to
					replace the same
					immediately.
		EPC should		The permission for	Partially Complied
	Landfilling work is to be	expedite in		borrow earth has been	
5	done in all the respective	obtaining land	EPC contractor	submitted by	
	substations areas as per	filling		respective EPC of	
	approved CESMP	documents		Bihpuria &	
		before the start		Jakhalabandha S/s	

		ı		
	of earth filling.		under package – A, Chhaygaon S/s under package – B, Khumtai	
			S/s under package – D and Rangia-Kumarikata S/s under package-G.	
			• Re-check survey completed for LILO of 220kV Azara – Boko line.	Completed
			 Moreover, re-check survey to be conducted for LILO of 220 kV Samaguri (AEGCL- Existing) – Sarusajai D/C line under Pkg-B. 	● Ongoing
			 Check Survey report has been approved as per latest approved tower spotting data for LILO of 132kV Rowta-Sipajhar under Pkg –C. 	● Completed
Expedite Final Check Survey Report: All EPC contractors are to finalize the check survey as per the approved tower spotting data with	EPC Contractor should expedite the final check	EPC Contractors	 Check survey report submitted for approval for 220KV Shankardevnagar (AEGCL-New) - Misa 	● Ongoing
utmost urgency and expedite the process.	Survey		(AEGCL-Existing) D/C Line and check survey report not submitted for LILO of both ckt of	Ongoing
			(PGCIL) - Bongaigaon (PGCIL) D/C line under Pkg-E.	Ongoing
			• Check survey report not submitted for 220 kV LILO from Samaguri-Mariani Line 1 and 132 kV LILO from Jorhat (West)- Bokakhat S/C under. However, Check survey completed and approved for 60 km	Ongoing
	Report: All EPC contractors are to finalize the check survey as per the approved tower spotting data with utmost urgency and	Expedite Final Check Survey Report: All EPC contractors are to finalize the check survey as per the approved tower spotting data with utmost urgency and	Expedite Final Check Survey Report: All EPC contractors are to finalize the check survey as per the approved tower spotting data with utmost urgency and	Expedite Final Check Survey Report: All EPC contractor survey sporting data with utmost urgency and expedite the process. Expedite the process. EXPEDITION OF 132kV Rowars-Sipajhar under Pkg-E. EXPEDITION OF 132kV Rowars-Sipajhar under Pkg-E. EVEC Contractors survey and expedite the process. EVEC Contractors final check survey and expedite the process.

				Sarupathar line under Pkg-D. Re-check survey to be conducted based on the approved tower spotting data for 220KV D/C Pabhoi-Bihpuria line and LILO of 220 kV Samaguri-Mariani line 1 under Pkg-A. Moreover, recheck survey to be conducted for LILO of 220 kV Samaguri (AEGCL- Existing) — Sarusajai D/C line under Pkg-B.	● Ongoing
7.	Joint verification of land owner identification survey of Transmission Lines with the concerned revenue department needs to expedite for the respective T/L to finalize the land schedule.	Expediting survey/ resurvey with concerned revenue department to finalize the land scheduling for all the Transmission lines	EPC contractors	Re - survey of landowner identification for T/L of all packages as per approved tower spotting data need to be carried out jointly in all the Transmission Lines with concerned Circle Offices and finalized the land scheduling report.	Ongoing
8	PIU/PMC to ensure for filling up of necessary work-related Checklists by EPC contractors in all the ongoing working sites.	Necessary work- related checklist to be filled up by EPC	PIU/PMC/EPC Contractor	Filling up of necessary work-related checklists by EPC contractors are doing on regular basis.	Substantially complied. They are filling all the E&S related checklist. However, sometime due to absence/non-availability of EPC E&S officials at site the E&S related checklist are not updated.
9	PMU/PIU/PMC to ensure that all EPC contractors will comply with proper housekeeping, proper drainage facilities/waste management facilities at all substation sites.	EPC contractor should ensure with proper housekeeping, drainage facilities etc	EPC Contractor	Instructed to all EPC contractors to ensure and comply with proper housekeeping, proper drainage facilities / waste management facilities at all substation sites.	Substantially Complied
10	Health check-up camp needs to be organized in	Conduct the health check-up	EPC Contractor	Health check-up program organized by	Partially Complied

	the respective substation site by the EPC contractors.	camp at respective project site		EPC contractors of Package A (Jakhalabandha), G (Rangia/Kumarikata) during the reporting period G. Instructed all EPC	
13	All EPC contractors are to deploy the designated personnel, including the Community Consultation Officer for Transmission Line works.	EPC contractors should deploy the staff at the respective project site.	EPC Contractors	contractors to organize the same. After repeated communication to all EPC contractors through letter and email for deployment of vacant E&S staffs, Only Package-B, C and Edeployed the same. Remaining Packages has not yet deployed the same till the reporting period	Partially Complied.
14	PIU officials of AEGCL are to communicate to all stockholders/departments to provide various government rates for compensation of crop damage, plantation damage, tree cutting, trimming, utilities, etc. that will be damaged during construction works.	PIU/EPC should expedite the process on an urgent bas	PIU/EPC Contractors	PIU, AEGCL and EPC contractors are communicating the concerned department for collecting the rates.	Ongoing
15	PIU to communicate with the concerned departments for obtaining statutory clearance if required, such as Railway crossing, NHAI, PTTC & any clearance required from Power Grid etc.	PIU/EPC should expedite the process	PIU/EPC Contractors	PIU, AEGCL communicated to all concerned Line department for obtaining statutory clearance,	Substantially Complied. The communication to all concern department is under progess.

11.0 Conclusion and Recommendations

Conclusion

EPC contractors have resolved and settled most of the issues that arose during the execution of the project. However, landfilling work is still required in all respective substation areas, as per the approved CESMP. EPC contractors should expedite obtaining the necessary land filling documents before starting the earth filling work. Additionally, joint verification of the landowner

identification survey for the Transmission Lines with the concerned revenue department needs to be expedited by the respective EPC contractors to finalize the land scheduling details.

Some of the EPC contractors whose check surveys are still pending are also required to finalize the Check Survey Report. All EPC contractors should complete the check survey based on the approved tower spotting data with the utmost urgency to avoid any delays. Moreover, the Joint survey of land owner identification need to be conducted and approved the same from Concerned Circle Offices.

During the reporting period, most EPC contractors had vacant positions for Community Consultation Officers for Transmission Line work (E&S) at the site. It is crucial that EPC contractors recruit for these vacant E&S positions in accordance with the contract requirements.

Based on the facts, it has been noted that corrective actions for most of the E&S non-compliances are being undertaken during this period. However, additional efforts will be made to ensure 100% compliance environmental and social aspects as per approved CESMP for uninterrupted workflow at the site and the timely completion of subproject activities.

Recommendations

EPC contractors are suggested to comply with the following on a timely basis:

- Compliance with Environmental and Social Management Plans (ESMP): Follow the Environmental and Social Management Plan (CESMP, ESIA- ESMP and ESMPF) throughout the project.
- **Submission of Legal Documents**: Ensure all necessary legal, statutory, and regulatory documents are submitted before starting the relevant work.
- E&S Reporting: Submit monthly Environmental & Social (E&S) Progress Reports and compliance reports based on PMC's observations during site visits.
- **Check Survey Report Finalization**: Finalize the check survey report based on the approved tower spotting data for Transmission Lines.
- Landowner Identification for Transmission Lines: Expedite the joint verification process of landowner identification surveys with the revenue department and approved the report from concerned Circle Offices.
- **E&S Staff Deployment**: EPC contractors are advised to deploy the Community Consultation Officer, for Transmission Line works where deployment has not been done till date
- Compensation Rates for Damages: PIU (Project Implementation Unit) officials of AEGCL should liaise with relevant departments to collect updated government rates for compensating damages to crops, plantations, trees, utilities, etc., for the Transmission Line works.

Appendix 1

A. ESIA-ESMP implementation monitoring for Sub-station component (July-December, 2024)

Package	Location	No. of Site	Date of Site Visit		Remarks
		VISIC	17.07.2024	24.10.2024	
			23.07.2024	04.11.2024	
			23.08.2024	18.11.2024	
	220/33kV		29.08.2024	24.11.2024	Monitoring of E&S
	Jakhalabandha GIS	16	06.09.3024	09.12.2024	Activities/ Training
	Substation		12.09.2024	13.12.2024	programme
Α			23.09.2024	27.12.2024	
			04.10.2024		
			18.10.2024		
	220/33 kV Bihpuria	04	15.07.2024		Monitoring of E&S
			30.08.2024		Activities/ Training
	(New) GIS Substation		23.10.2024		_
			25.11.2024		programme
			19.07.2024	21.11.2024	
			14.08.2024	04.12.2024	
			31.08.2024	24.12.2024	
	220/33kV Nagaon-2	13	13.09.2024	30.12.2024	Monitoring of E&S
	GIS Substation		27.09.2024		Activities/ Training
	dis substation		21.10.2024		programme
			28.10.2024		
			12.11.2024		
В			18.11.2024		
١			12.07.2024	29.10.2024	
			22.07.2024	08.11.2024	
			23.07.2024	03.12.2024	
	220/33kV Chhaygaon		24.07.2024		Monitoring of E&S
	GIS Substation	12	05.08.2024		Activities/ Training
	dis substation		02.09.2024		programme
			23.09.2024		
			27.09.2024		
			19.10.2024		
			06.08.2024		
			09.08.2024		
	400/0011/ 5 1:		26.09.2024		Monitoring of E&S
С	132/33kV Burhigaon S/S	08	25.10.2024		Activities/ Training
			14.11.2024		programme
			16.12.2024		
			19.12.2024		
			30.12.2024	02.10.2024	
			02.07.2024	02.10.2024	
		24	15.07.2024 26.07.2024	07.10.2024 19.10.2024	
	132/33kV, 2X50 Khumtai S/S		31.07.2024	30.10.2024	
			01.08.2024	04.11.2024	Monitoring of E&S
D			13.08.2024	08.11.2024	Activities/ Training
"		_ 	20.08.2024	18.11.2024	programme
			31.08.2024	28.11.2024	programme
			02.09.2024	03.12.2024	
			07.09.2024	10.12.2024	
			19.09.2024	17.12.2024	
	1		13.03.2024	11.12.2024	

Package	Location	No. of Site visit	Date of Site Visit		Remarks
			30.09.2024	30.12.2025	
	132/33 kV Sarupather Bay Extension	00	00		Monitoring of E&S Activities/ Training programme
E	220/132kV, 2X160 MVA GIS Sankardevnagar S/S	15	12.07.2024 23.07.2024 12.08.2024 16.08.2024 27.08.2024 05.09.2024 18.09.2024 25.09.2024 01.10.2024	06.10.2024 23.10.2024 13.11.2024 20.11.2024 10.12.2024 27.12.2024	Monitoring of E&S Activities/ Training programme
	220/132kV, 2X160 MVA GIS Agomani S/S	05	24.09.2024 25.09.2024 28.10.2024 29.10.2024 13.11.2024		Monitoring of E&S Activities/ Training programme
F	132/33kV S/S from AIS to GIS Gohpur S/S	04	21.08.2024 25.11.2024 26.11.2024 27.11.2024		Monitoring of E&S Activities/ Training programme
G	400/220kV GIS Rangia S/S and 132/33kV GIS Kumarikata S/S	04	16.08.2024 25.10.2024 06.11.2024 05.12.2024		Monitoring of E&S Activities/ Training programme
L	Kukurmara – Sarusajai 220kV D/C line HTLS restringing	00	00		
	132kV Kokrajhar to Salakati	00	00		
NA.	132 kV Gossaigaon to Gauripur	00	00		
M	220kV Mariani to Namrup	00	00		
	220kV Mariani to Samuguri	00	00		

B. Site visit details for Transmission lines (July-December, 2024)

Package	Location	No. of Site visit	Date of Site Visit		Purpose
	220 kV Bihpuria (New) - Sonabil (Existing) D/C	00	00		
А	LILO of 220 kV Samaguri - Mariani line at Jakhlabandha (New) S/C	00	00		
	LILO of 220 kV Azara – Boko (AEGCL-Existing) D/C Line at Chhaygaon	01	04.12.2024 23.12.2024 26.12.2024		Socio economic survey/Land owner identification
В	LILO of Samaguri (AEGCL- Existing) —Sarusajai (AEGCL-Existing) 220 kV D/C Line at Nagaon-2	00	00		
С	132 kV LILO of Siphajhar - Rowta Transmission Line at Burhigaon GIS	00	09.08.2024 19.08.2024 09.09.2024 10.09.2024 06.11.2024 14.11.2024 27.11.2024 28.11.2024 29.11.2024 11.12.2024	12.12.2024 13.12.2024 14.12.2024 15.12.2024 16.12.2024 17.12.2024 18.12.2024 19.12.2024 20.12.2024 30.12.2024	
	LILO of 220kV Samaguri - Mariani line 1 at Khumtai	01			Socio economic survey/Land owner identification
	LILO of 132 kV Jorhat (W - Bokakhat (Existing) a Khumtai (New) S/C Line	00	00		00
D	132 kV Khumtai (New) - Sarupathar (Existing) S/C Line – 61.20 km	10	16.07.2024 20.07.2024 23.07.2024 14.09.2024 20.09.2024 03.10.2024 22.10.2024 12.11.2024 14.11.2024 16.12.2024 25.12.2024		Monitoring of E&S activities and Socio economic survey/Land owner identification
	220kV D/C Transmission Line from Sankardevnagar - Misa S/S	00	00		
E	220kV LILO of both Circuit of Alipurduar – Bongaigaon (PGCIL) D/C Line at Agomoni	00	00		

C. Some photographs of the Site visit



Photo Plate 1 – Rest camp PCC work completed at Chhaygaon S/S



Photo Plate 2 – Joint verification with Mandal, AEGCL and EPC representative for Identification of actual land owner at 132 kV LILO of Siphajhar - Rowta Transmission Line (Pkg-C)



Photo Plate 3 – AllB Mission visit teem at Jakhalabandha substation site



Photo Plate 4 – AEGCL & PMC officials jointly visit at site regarding inspection of E&S activities at Chhaygaon S/S



Photo Plate 5 - AIIB Mission team visit at Chhaygaon



Photo Plate 6 - Physically Site visit with AEGCL & PMC

substation.

regarding the site progress review at Nagaon-2 S/S



Photo Plate 7 – Barricading done on the road side at Burhigaon S/S



Photo Plate 8 – Lighting facility available at Khumtai S/S



Photo Plate 9 – E&S team of AEGCL and PMC review and verify E&S related documents at Shankardevnagar S/S.



Photo Plate 10 – AIIB Mission visit teem at Sankardevnagar substation.



Photo Plate 11 – OHS performance evaluation at Agomani substation.



Photo Plate 12 – TBT conducted regular basis at Agomani S/S



Photo Plate 13 – Labours toilet maintained at Jakhalabandha Substation



Photo Plate 14 – Emergency contact details displayed at Jakhalabandha S/S



Photo Plate 15- Proper grievance box placed at Chhaygaon S/S



Photo Plate 16 – Filtters provided to labour camp at Burhigaon S/S



Photo Plate 17– New toilet facility available for site office at Khumtai S/S.



Photo Plate 18— New toilet facility available for workers at Shankardevnagar S/S.



Photo Plate 19 – Project information board diplayed at Gohpur S/S



Photo Plate 20 - Flagman deployed at Rangia S/S



Photo Plate 21 – Project information board displayed at RangiaS/S



Photo Plate 22 – Labour camp floor PCC work done at Bihpuria S/S.



Photo Plate 23 – Inspection of all E&S related document at Chhaygaon S/S



Photo Plate 24 – Inspection of all E&S related document at Nagaon-2 S/S



Photo Plate 25 – TBT conducted regular basis at Burhigaon S/S



Photo Plate 26 – TBT conducted regular basis at Khumtai S/S



Photo Plate 27 – Inspection of site activities at Amomoni S/S



Photo Plate 28 – Workers are working with adequate PPE at Shankardevnagar S/S



Photo Plate 29 – Post monsoon EQM test conducted at Chhaygaon S/S



Photo Plate 30 – First-Aid box available at Nagaon-2 S/S



Photo Plate 31- Inspection of all E&S related document at Bihpuria S/S



Photo Plate 32– New LPG stove and cylinder provided at Jakhalabandha S/S



Photo Plate 33 - Joint site visit with Hon'ble MD (AEGCL) at Khumtai S/S.



Photo Plate 34– Post monsoon EQM test conducted at Shankardevnagar S/S.



Photo Plate 35– Post monsoon EQM test conducted at Rangia S/S.



Photo Plate 36 – First-Aid Box available at Rangia S/S.



Photo Plate 37 – Project information board diplayed at Chhaygaon S/S



Photo Plate 38 – Post monsoon EQM test conducted at Nagaon-2 S/S.



Photo Plate 39 – Steelyard properly maintain and provide cement slurry on reinforcement at Bihpuria S/S.



Photo Plate 40 – Visited the Kaliabor Circle office and met with Lat mandal to discuss about the land owner identification for Samaguri -Mariani line transmission line.



Photo Plate 41 – Post monsoon EQM test conducted at Jakhalabandha/S



Photo Plate 42 – Earthing provided at DB panel at Rangia-Kumarikata S/S



Photo Plate 43 – Post monsoon EQM test conducted at Khumtai S/S



Photo Plate 44 – Post monsoon EQM test conducted at Bihpuria S/S



Photo Plate 45- AEGCL, PMC & EPC jointly visit at Azara -Boko T/L



Photo Plate 46- AEGCL, PMC & EPC jointly visit at Nagaon-2 S/S.



Photo Plate 47– Post monsoon EQM test conducted at Burhigaon S/S



Photo Plate 48– PMC officials visit regarding monitoring of working progress at Khumtai S/S



Photo Plate 49 — Water sprinkled done on the approach road and around the substation area at Agomani S/S $\,$



Photo Plate 50 – Post monsoon EQM test conducted at Gohpur S/S



Photo plate 51 – Fire bucket placed at site at Rangia S/S



Photo Plate 52 – Water sprinkled done on the approach road and around the substation area at Gohpur S/S



Photo plate 53 – Medical health check-up for labours conducted at Jakhalabandha S/S



Photo Plate 54 – Post monsoon EQM test conducted at Agomani S/S

Some Photographs of Public Consultation and Awereness program



Photo plate 1 – Conducted public consultation nearby



Photo Plate 2 - Conducted public consultation nearby

Sipajhar-Rowta T/L (Pkg-C)

Sipajhar-Rowta T/L Pkg-C)



Photo Plate 3 - Conducted Community consultation at Agomani S/S



Photo Plate 4 - Conducted Community consultation at Khumtai -Sarupathar T/L



Photo Plate 5 - Conducted Community consultation at Jakhalabandha S/S.



 $\begin{tabular}{ll} \textbf{Photo Plate 6 -} Community consultation at Khumtai -\\ Sarupathar T/L \ . \end{tabular}$





Photo Plate 7&8 - Meeting with local community residing nearby the Transmission Line regarding the ROW issues. In presence of Officials from AEGCL, PMC & Circle officer of Alipurduar to Bongaigaon T/L At Agomani S/S

Some Photographs of Training Program



Photo Plate 1 – EHS training program at Jakhalabandha S/S



Photo Plate 2 - Conducted EHS&S training program at Khumtai S/S



Photo Plate 3- EHS&S training program at



Photo Plate 4- Conducted GRM training program at

Shankardevnagar S/S.

Bihpuria S/S.



Photo Plate 5 – Conducted GRM training program at Nagaon-2 S/S.



Photo Plate 6 - Conducted GRM training program at Burhigaon S/S.



Photo Plate 7- Conducted GRM training program at Gohpur S/S



Photo Plate 8- Conducted GRM training program at Rangia S/S



Photo Plate 9- Conducted GRM training program at Jakhalabandha S/S



Photo Plate 10- Conducted GRM training program at Khumtai S/S



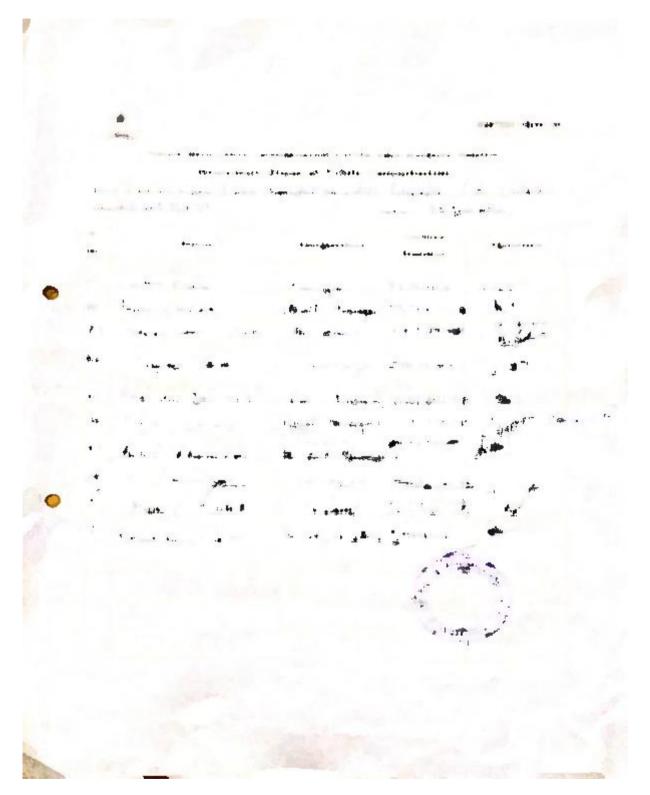
Photo Plate 11- Conducted GRM training program at Chhaygaon S/S



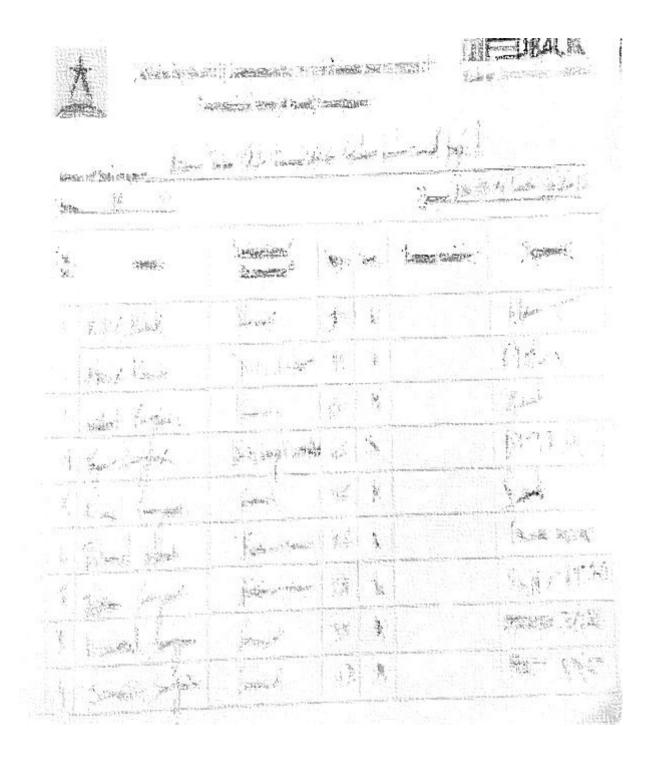
Photo Plate 12- Conducted GRM training program at Agomani S/S

Appendix 2: Attendance sheets for some of the consultations

Attendance Sheet of awareness program with the local community near Sarupathar - Khumtai T/L

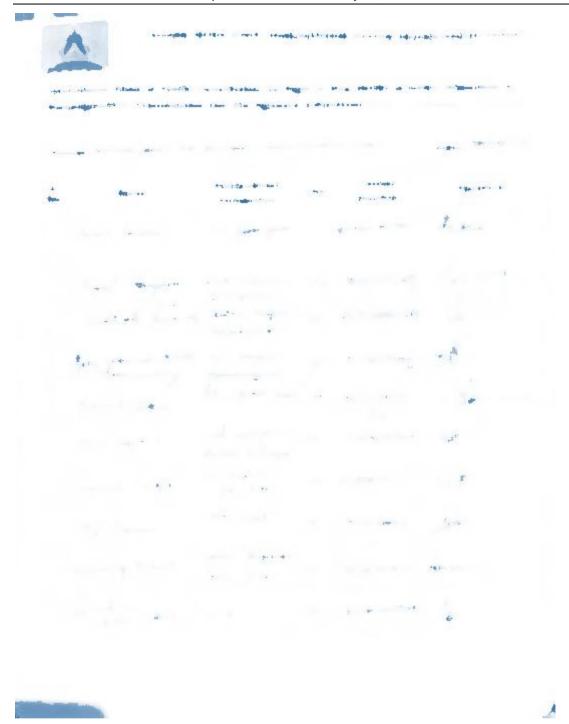


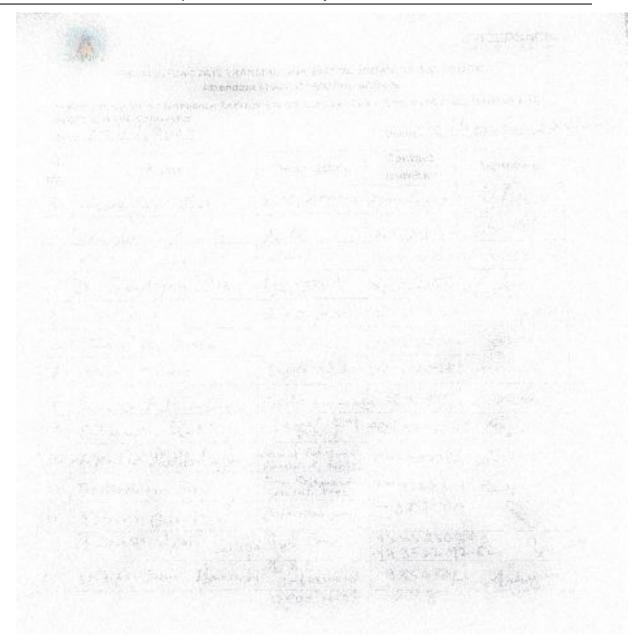
Attendance Sheet of awareness program with the local community near Sipajhar - Rowta T/L



Attendance Sheet of awareness program with the local community near Alipurduar to Bongaigaon $\mathsf{T/L}$

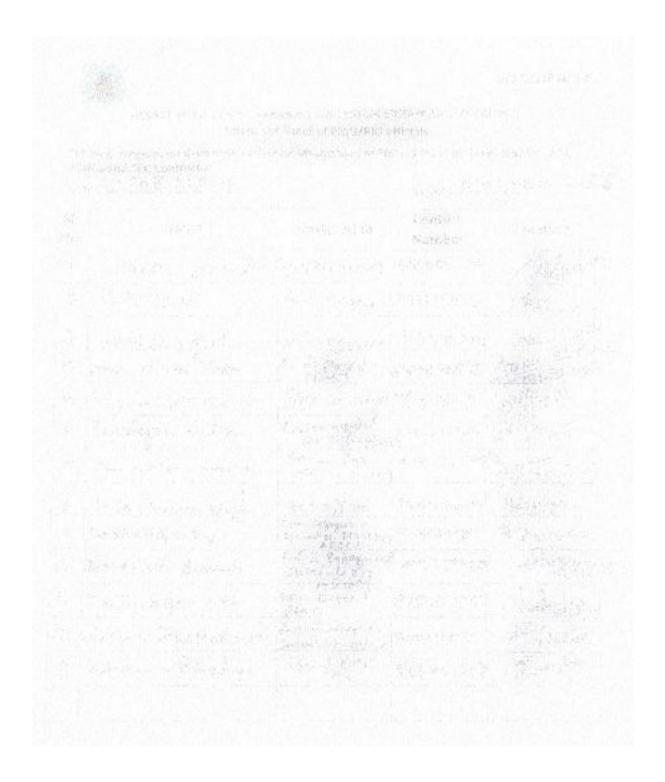




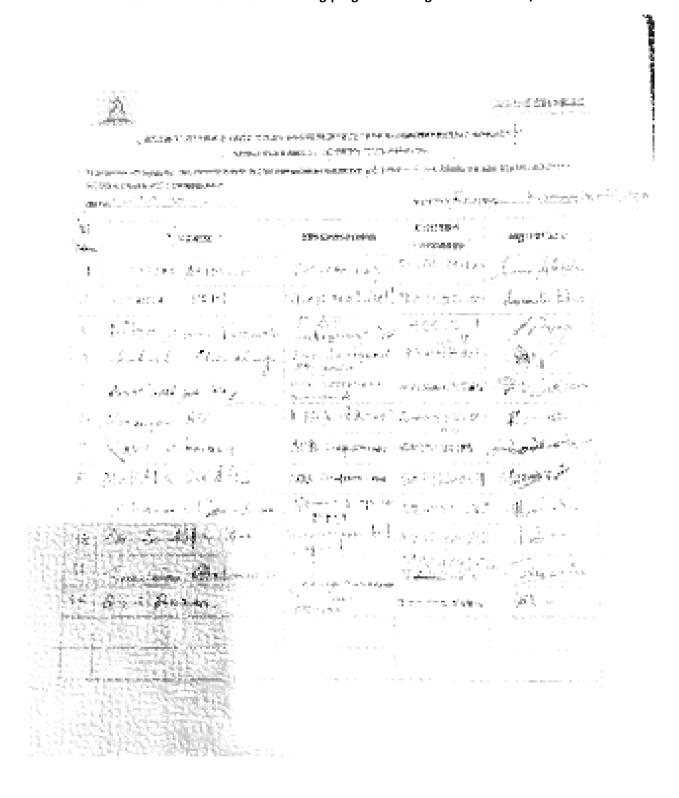


Attendance Sheet of GRM Training program at Bihpuria S/s

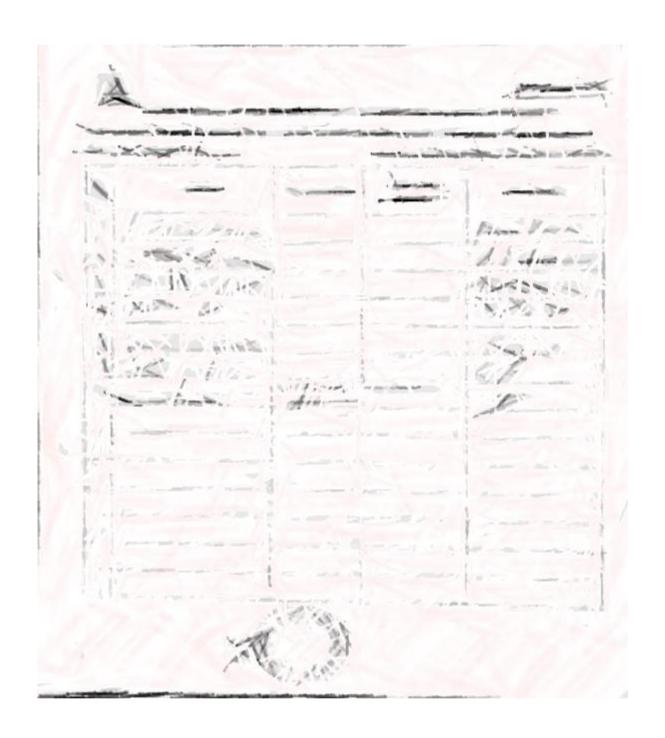
Attendance Sheet of GRM Training program at Nagaon-2 S/s



Attendance Sheet of GRM training program at Rangia-Kumarikata S/s



Attendance Sheet of EHS Training program at Khumtai S/s



Attendance Sheet of EHS Training program at Khumtai S/s

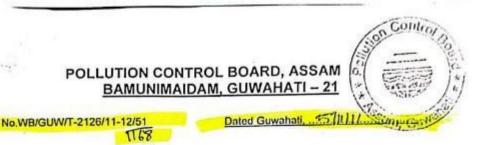
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Appendix 3: Sample copy of project site-specific Gantt chart (L2 Schedule)

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		-			THE PARTY NAMED IN	1	2	3	4	5	100												Ī
eliminary survey including measurements of vertical clearance at aximum sag point, identification and replacement or repaining of aimaged stubs, tower members and earthing and collection of all equired documents required for obtaining Statutory permission from allways, Highway Authorities and other Government bodies for																							
132kV BTP5 (Salakati- Dhaligaon)	21.50	KM	01-09-2021	10-09-2021	9			P		I						-		-	-		-	-	ł
132 ky D/C 132kV Gosselgaro-Gauripur	62.00	KM	01-08-2021	10-08-2021	29					-			-		-								1
220kV Kukumara-Sarusajai D/C)	24.00	KM	11-09-2021	21-09-2021	10			0	3	-	-				-	-	-	-	-		-		-
Paving, Stringing, Tensioning, Clamping, jointing etc. of HTLS Conductor with non-metallic core using tension puller machine as pur specification requirements in all the phases including hosting of insulators, fitting of all necessary hardware & accessores ie., fittings, amour rods, vibration dampers, supervision of installation and stringing etc. for						-	-														1		
Managara and American American	135.00	KM.	08-03-2022	05-04-2022	78									-	=								4
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supply of materials and erection complete in all respects for	1.00	JOL	DI 01-202		36							-		-		+	-	-	-	-			
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220kV Kukurmara-Sarusajai D/C)		100				101																	
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accessories, loading and unloading transportation to AEGCL store for	135.0	00 K	M 08-03-200		28		-		+	1	-	-	-	-		3	-	-	-	-			-
132kV BTPS (Salakati- Dhaligaon)	195		M US-11-20		41		-	-	+		-				-	-	-	-	+	-	-		
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220kV Kukurmara-Sarusajal D/C)			The state of the s			-	-	-	+									-	+	+			
ESMP requirement Personal protective equipment's (Hard hats (with fullpartial brims as receivary) Safety glasses with side shields. Face meakolchisids Suttable footwers (saterly/shed-toed boots, rated delective tootwear) (insulating gloves (rated, used along with hauther/cloth isings for shock protection)) as per site requirement.	5.6	10 1	ot 18-11-24	22-07-2023	611		-	1	-	1	6							1	1	+	1		
2 Whre insulation/ Bird, Deflectory/ Bird Flapper as per requirement.	2 1	oc	Lot 01-04-2	22-07-207	1773		1	1	1	1	1	1	1		1				1	1	1	6	4
PA) long metallation	CGM AE	(PP&I))																			1)

Appendix 4 - Sample copy of Consent to Establish (CTE) of Crusher



"CONSENT TO ESTABLISH"

Provisional "CONSENT TO ESTABLISH" is hereby granted to M/s. Meghalaya Infra for setting up a stone chips, gritts & stone dust production unit with production capacity 30(thirty) TPH at village Palgaon, P.O. Rani, P.S. Palashbari, Dist. Kamrurp (Assam) under the following terms & conditions:—

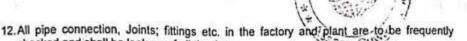
- No Air, Water, Soil pollution shall be created by the industry beyond the permissible limits prescribed by the Board. The industry would incorporate adequate pollution control measures before they put the plant into operation.
- To maintain the environment and ecology in the area provisions for planting selected species of tree within the compound and approaches along with provisions for park, garden and fountain shall have to be made. Massive aforestation will have to be made by the industry in the factory and township if any.
- 3. As per provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 any officer, employed by this Board on its behalf shall without any interruption, the right at any time to enter the industry for inspection, to take samples for analysis and any call for any information etc. violation of this right will be withdrawal of this permission.
- 4. As per provisions of the Act, regular monitoring is to be done by the industry from the location/points fixed by the Board and the report to be submitted to the board monthly.
- Effluent carrying drains must be segregated from storm water drain and effluent must be disposed in effluent pond in no case effluent will be allowed to discharge into nearby nullah/natural water course etc. without treatment and bringing it within permissible limits fixed by the Board.
- Standard linings on flat embankment of effluent pond shall have to be provided to prevent and control of overflow seepage and leakage of effluent to the nearby areas.
- To regularise the subsequent, the legal provisions of "Consent to Operate" as per Act and Cess Returns as per Cess Act, 1977 shall have to timely adhered to.
- Gaseous pollution due to the burning of fuel to run engine boiler, etc. should be controlled by adopting preventive measures adequately.
- Solid waste that arises during the operation should be properly graded and disposed of scientifically without causing nuisances.
- 10. For Low lying areas, special care is to be taken by the industry to prevent any overflow, seepage and leakage of effluent.
- 11. For warning (Alarm, Siren) is to be installed by the unit to guard against accidental pollution/ mishap together with fire fighting devices.

Contd/- 2..



checked and shall be leak proof all the time.

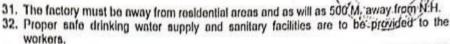
-2-



- Proper housekeeping and adequate maintenance has to be ensured/ enforced as per provisions of Acts.
- 14.All unwanted Toxic Chemical/Fluid/Gases are to be neutralized and flared up as necessary.
- 15. Production process is to be monitored and in the event of danger immediate shut down is to be ensured by the industry.
- 16. Provisional "CONSENT TO ESTABLISH" has been issued basing on the particulars furnished by the applicant and subject to imposition to further/more conditions if warranted by the subsequent development.
- 17. Provisional "CONSENT TO ESTABLISH" is valid till the date of commissioning of the
- 18. Healthy working environment for the worker must be maintained and there should not be health Hazard to the workers for in adequate arrangement for ventilation, dust removal arrangements should be adequate and full proof for the health of the workers. Their health should be regularly monitored.
- 19. The unit must submit compliance report of action taken on the conditions given by the Board before commissioning the unit.
- 20. Adequate trees should be planted and maintained in the vacant space of the premises and all around the factory and township if any.
- 21. The Board will be at liberty to withdraw the "CONSENT TO ESTABLISH" at any time without notice, if necessary steps for prevention of pollution and prevention of environment is not taken by the industry as per mentioned conditions.
- 22. This issuance of the "CONSENT TO ESTABLISH" does not convey any property right in their real or personal property or any exclusive privileges nor does it authorize any injury to private property nor any invasion right any infringement of Central, State or Local Laws or Regulations.
- 23. The "CONSENT TO ESTABLISH" does not authorize or approve the construction of any physical structures or facilities or the undertaking of any work in any natural watercourse except of the works specially instructed herein.
- 24. All steps are to be taken by the industry to control the dust to that it does not go outside the factory.
- 25. Water sprinkling arrangement around the periphery to the unit should be installed & while the unit will operate the sprinkler operation should also be operated.
- 26. The industry is to fully enclose the roll crusher with dust extraction from close to miles.
- 27. The industry is to provide dust extraction arrangement at all transfer points.
- 28. The industry is to make water-spraying arrangement for the finer product.
- 29. The industry will always keep it wet the finer product.
- 30. Necessary steps are to be made to minimize noise.

m

Contd/-3....



33. The "CONSENT TO ESTABLISH" is valid from the date of issue of the "CONSENT TO ESTABLISH". The "CONSENT TO ESTABLISH" will be automatically cancelled if the Industry violates this condition.

34. The stone-crushing unit should strictly follow the following standards for suspended particulates matter.

The standards consist of two parts

Implementation of the following pollution control measured: -

Dust containment cum suppression system for the equipment.

Construction of wind breaking walls.

Construction of the metallic roads within the premises. C.

Regular cleaning and wetting of the ground within the premises. d.

Growing of a green belt along the periphery.

Quantitative standard for SPM :-The suspended particulate matter measured between 3 to 10 meters from any process equipment of a stone-crushing unit shall not exceed 600µg/m3

Member Secretary

Memo No.WB/GUW/T-2126/11-12/51 - A.

Dated Guwahati,

M/s. Meghalaya Infra, Village - Patgaon, P.O.- Rani, P. S. - Palashbari, Dist. Kamrurp (Assam) for information & necessary action. The "CONSENT TO ESTABLISH" is valid subject to fulfillment of above terms & conditions and subject to obtaining necessary permission from other Competent Authorities.

2) Deputy Secretary to the Govt. of Assam, Department of Environment & Forest, Dispur, Guwahati - 6 for favour of information.

Deputy Commissioner, Kamrurp District for favour of information.
 The General Manager, DI & CC, Kamrurp for favour of information.

5) The Sr. Env. Engineer, Regional Office, Guwahati; Pollution Control Board, Assam for Information & necessary action. The "CONSENT TO ESTABLISH" is valid subject to fulfillment of above terms and conditions also subject to obtaining necessary permission from other Competent Authorities. This has a reference vide letter No.APCB/ROG/Tdtd. 14/10/2011. 3998/11-12/28/423

Appendix 5 - Sample copy of Consent to Operate of Crusher



Pollution Control Board::Assam Bamunimaidam; Guwahati-21

(Department of Environment & Forests :: Government of Assam) Phone: 0361-2652774 & 2550258; Fax: 0361-2550259 Website: www.pcbassam.org

No. WB/RONG/T-600/2019-20/29

Dated Guwahati, the 16th, November, 2022

CONSENT TO OPERATE

"CONSENT TO OPERATE" (CTO) under Section 21 of Air (Prevention and Control of Pollution) Act, 1981 as amended and Rules framed thereunder, is granted to-

) Name of Unit

M/s. RA Stone Crusher.

ii) Name of the Occupier / Applicant and Designation Ramjan Ali, Proprietor.

iii) Address of the unit

Bheloguri, Modertoli, Hojai,

Assam-782440

iv) Cost of the project

31.0Lakhs

 Types & Category of the Project Stone Crusher (Orange category)

vi) Source of Raw Materials

Raw Materials Source
Stone boulder Bipin Stone Mahal, Hojai

vii) Details of the Project

SI. No. Type of Crusher Capacity

1 Jaw Crusher 1x20 TPH

viii) Details of Products

SI No. Products Capacity

1. Stone Chips and Dust 4000 MT/Month

TERMS AND CONDITIONS:

- This CTO has been accorded based on the particulars furnished by the applicant vide Application ID: 1547052and subject to addition of further more conditions if so warranted by subsequent developments. The CTO will automatically become invalid if there is any changes, modification, alteration, expansion or deviation made in actual practice without prior permission of the Board.
- The CTO is valid for a period up to 31.03.2025.
- The CTO may be modified, suspended in whole or in part or withdrawn by the Board during its term for cause including, but not limited to the following:
 - a) Violation of any Terms and Conditions of this CTO;
 - b) Obtaining the CTO by misrepresentation or failure to disclose fully all relevant facts;
 - c) If any complaint received;
- The unit shall obtain prior 'Consent to Establish' from the Board for any further expansion, alteration, modification, modernization of the project.
- The project Authority should install a display Board as per the Board's Notification No. PCBA/AGI-95/20-21/Notification/01 dtd.11.11.2021 (Appendix-A).
- Proper housekeeping shall be maintained. Burning of any waste inside the premises is strictly prohibited.
- The project proponent shall develop a greenbelt/plantation area with native trees covering at least 33% of the total plot area.
- The unit shall install a 10 ft. height permanent boundary line/partition wall with Tin/Asbestos sheet or other non-porous partition material with installation of permanent boundary posts.

Contd....P/2



Appendix 6 – Sample copy of Environmental Clearance of Stone Quarry

ENVIRONMENTAL

Pro-Active and Responsive Facilitation by Interactive,

and Virtuous Environmental Single-Window Hub

Government of India Ministry of Environment, Forest and Climate Change (Issued by the State Environment Impact Assessment Authority(SEIAA), ASSAM)

To.

The -1

RANJIT BORO

Sila Karaibari, P.O. Changsari -781101

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/AS/MIN/453038/2023 dated 22 Nov 2023. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.

EC24B001AS143518

2. File No.

SEIAA3628/2023

Project Type

New

4. Category

B

5. Project/Activity including Schedule No.

1(a) Mining of minerals

6. Name of Project

Sila P.P. Land Ordinary Earth & Stone Mining Permit Area

. Name of Company/Organization

RANJIT BORO

8. Location of Project

ASSAM

9. TOR Date

NUA

The project details along with terms and conditions are appended herewith from page

Date: 17/02/2024

(e-signed) Smti Neera Daulagupu Member Secretary SEIAA - (ASSAM)

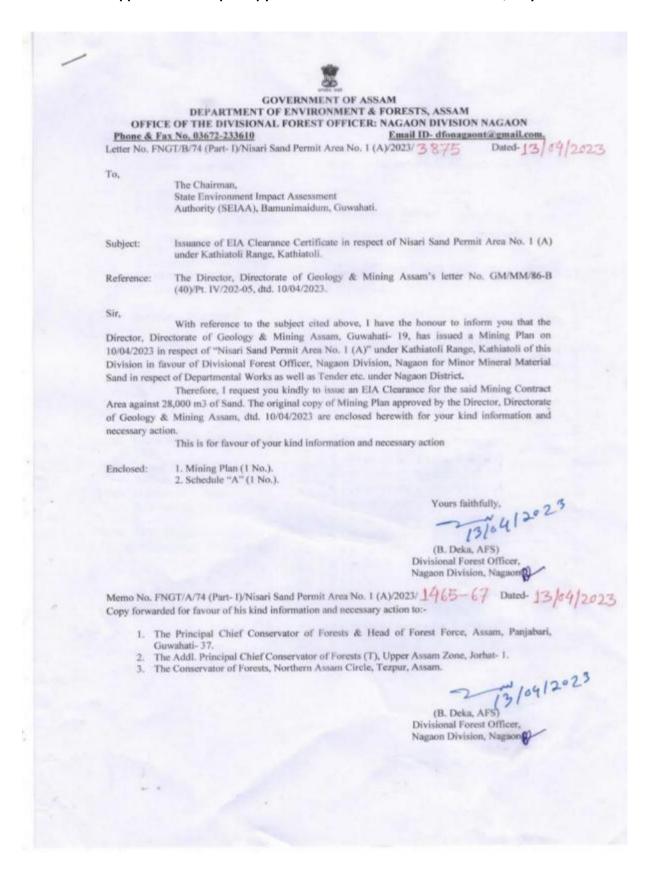


Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

This is a computer generated cover page.

EC Identification No. - EC24B001AS143518 File No. - SEIAA3628/2023 Date of Issue EC - 17/02/2024 Page 1 of 8

Appendix 7 – Sample copy of Environmental Clearance of Sand Quarry



Appendix 8- Sample copy of Tree Cutting Permission



GOVT, OF ASSAM DEPARTMENT OF ENVIRONMENT & FORESTS OFFICE OF THE DIVISIONAL FOREST OFFICER SONITPUR EAST DIVISION, BISWANATH CHARIALI:784176

Email id : dfo.t.soniteast@gmail.com Letter No. FSET/B /Tree Cutting /AEGCL /2023/4044 - 46 Date: 11/07/2023

The Chief General Manager (PP&D).

AEGCL

Gohpur

Seeking permission for cutting existing trees for execution of the work Package – F-Conversion of existing 132/33kV Gohpur Air Insulated Sub System (AIS) to Gas Insulated Substation (GIS) " Sub:

Yours office letter no.AEDCL/MD/AIIB/PKG-F/2022-23/02-F/PART-1105, Dated .21-Ref:

In connection to your letter as above, the Circle Officer, Halem Revenue Circle & Beat Officer, Gohpur has jointly verified the plot of the trees to be removed for your ongoing works. There are 8 (Eight) no.s trees standing at the plot belongs to a P Patta No.1, Dag No.249 under Kallongpur Mouza of Gohpur T. Estate . 654 no. Grant and the tree species are 3(Three)no.s Eucalyptus , 1(One) no.s Jamuk , 1(one) Shirish , 1(One) Aam , 1(one) Radhasura , 1(One) Suwalu

Whereas , the tree species belongs to the Schedule-I as per the Clause(I) of Sub-rule (I) of rule 5 under "The Assam Trees Outside Foest (Sustainable Management) rules 2022", those species are exempted from obtaining prior permission for felling and conversion by the pattadar of the land.

Under the circumstances as above, the felling of those trees may be allowed only to the pattadar of the land.

Yours faithfully

Divisional Forest Officer. Sonitpur East Division Biswanath Chariali

Copy to

The Beat Officer, Gohpur Beat for his information. The Manager of Gohpur Tea Estate, Gohpur for his information.

Divisional Forest Officer. Sonitpur East Division Biswanath Chariali

Appendix 9 - Sample copy of PUC certificate

Form 59 [See rules 115 (2)]

Pollution Under Control Certificate Authorised By :

Government of Assam

Valid Mobile Number

Date : 05/12/2024 Time : 15:21:58 PM Validity upto : 04/06/2025



 Certificate SL. No.
 : AS00100600016929

 Registration No.
 : NL035532

 Date of Registration
 : 02/Jul/2010

 Month & Year of Manufacturing
 : January-2010

: ""1240 : BHARAT STAGE III

Emission Norms : BHARAT STAGE
Fuel : DIESEL
PUC Code : AS0010060
GSTIN : Rs.110.00
MIL observation : No

Vehicle Photo with Registration plate 60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
	2	3	4	5
1	Carbon Monoxide (CO)	percentage (%)		
Idling Emissions	Hydrocarbon, (THC/HC)	ppm		
	со	percentage (%)	2500 + 200	
High Idling	RPM	RPM	2500 ± 200 1 ± 0.03	
emissions	Lambda	•	S. 25 S. 100 S.	0.54
Smoke Density	Light absorption coefficient	1/metre	2,45	bules and does

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note: 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to https://puc.parivahan.gov.in

Authorised Signature with stamp of PUC Operator 60mm x 20 mm

12/5/2024, 3-21

Scanned with OKEN Scanner

Appendix 10 - Sample copy of Medical Tie up



Dr SDM & H& Tumular Blick

Tamulpur PHC

Subject: Medical Tie up For Staff and Labour for Construction Of 400/220/132/33Kv GIS Sub- Station at Kumarikata , Tamulpur , Rangia Under AIIB Funded AISTSEP Package G

Dear Sir / Mam .

With reference above Cited subject matter , I would like to inform you that we have been awarded AIIB Funded AISTSEP Package_ G for Construction Of 400/220/132/33Kv GIS Sub- Station at Kumarikata , Tamulpur , Rangia. We want to build an medical tie-up for our staff and labour for the health safety purpose

The Health Check-up we required on the regular basis is as follow

1) First Aid Treatment

The No of Labour and staff will up to 90

Site Address - Tamulpur ,Guwabari road , Kachubari , Rangia , Assam 781368

In this regards you are requested to kindly review the same and do the needful

Thanking you

Your Faithfully

Ramjan Ali Assistant HSO

Shyama Power India Limited

Bbw Kingy Ipi wayya

Shyama Power India Limited

Corporate Office: Plot No. 49, Sector - 44, Gurgaon – 122 002, Haryana,Tel: 91-124-2645090, 2455325, 4014597 Fax: 91-124-4014598 Regd. Office: Silverpine,HiNo. 75, Darogajan, Dimapur – 797 116, Nagaland, Project Office: H/No. 21, P.B. Road, P.O. Rehabari, Guwahati, Assam – 781008.

Appendix 11 – Sample certificate copy of Medical Examination

HLFPFT OPER	OPD SLIP MOBILE MEDICAL UNIT ATED BY: HINDUSTAN LATEX FAMILY PLANNING PROMOTION TRUST (HLFPPT) SUPPORTED BY: NATIONAL HEALTH MISSION, ASSAM	
SI. No.	Sex M Age 459 Date 2	
Provisional Diagnosis :		
leath chemip	Chest - BLAE @	
Brief note on	Ws- Sist @	
Investigation (if any):	CNS- GOSTON	
BP-130/90		
Advice given :	81A - 611- B) E	
105-139 molds	pt dissically fit for wood	
101-127	1	
Ophthalmic Advice :		
ood grasp tone		
ood grasp- o(+ve) Positore		
Referral (if any)		
(1.0.7)		n
		8_

Appendix 12 – Post- Monsoon Environmental Quality Monitoring status of all packages under AIIB-AISTSEP Phase-I

Date: 31th December 2024

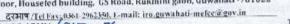
Package	Substation/Approach	Baseline	2024
Name	Road Name	Baseille	Post-Monsoon
	Jakhalabandha	Complied (05-02-2022)	Complied (07-11-2024)
A	Bihpuria	Complied (03-02-2022)	Complied (07-12-2024)
	Chhaygaon	Complied (28-02-2022)	Complied (29-10-2024)
В	Nagaon-2	Complied (04-03-2022)	Complied (11-11-2024)
С	Burhigaon	Complied (25-02-2022)	Complied (30-12-2024)
D	Khumtai	Complied (05-05-2022)	Complied (19-11-2024)
_	Sankardevnagar	Complied (30-03-2022)	Complied (04-10-2024)
E	Agomoni	Complied (04-04-2022)	Complied (01-10-2024)
F	Gohpur	Complied (28-09-2022)	Complied (10-12-2024)
G	Rangia-Kumarikata	Complied (16-04-2024)	Complied (25-10-2024)
ш	Approach Road to	Complied (22-02-2024)	Not yet conducted
H1	Sonapur Substation	Complied (22-02-2024)	ivot yet conducted

Appendix 13 - Forest deversion proposal of 14.28 Ha Forest Land of 400 kV S/C Silchalr Byrnihat TL for Sonapur Substation



भारत सरकार Government of India पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय Ministry of Environment, Forest & Climate Change

क्षेत्रीय कार्यालय, शिलांग/Regional Office, Shillong उप कार्यालय, ग्वाहाटी/Sub - office, Guwahati बौधी मंजिल, हौसेफेड इमारंत, जी एस रोड , रुक्पणी गाँव, गुवाहाटी- ७८१०२२ 4th Floor, Housefed building, GS Road, Rukmini gaon, Guwahati -781022



F.No.3 AS C 188/2023/GHY /5/55-56

30th January, 2024



अतिरिक्त प्रमुख सचिव: Addl. Chief Secretary, असम सरकार/Govt of Assam. पूर्यावरण और वन विभाग/Environment and Forests Department. दिसपुर/Dispur, गुवाहाटी/Guwahati-781006.

Proposal for diversion of 14.28 ha of forest land for construction of 400 KV S/C LILO Silchar Byrnihat Transmission line in West Aprikola Reserve Forest under Kamrup East Division Basistha in favour of AEGCL.

Sir,

This has got reference to the online proposal FP/AS/TRANS/411353/2022 and State Govt letter eCF No.381903/38 dated 07.12.2023 on the subject seeking prior approval for the Central Government under Section 2 of the FCA, 1980 and to say that the proposal has been examined by the Regional Empowered Committee constituted by Central Government under Section 3 of aforesaid Act.

2. After careful examination of the proposal of the State Govt and on the basis of the recommendations of Regional Empowered Committee on 19.12.2023 and State Govt letter eCF No.3B1903/38 dated 07.12.2023, "In Principle Approval/Stage- I" clearance of the Central Government is hereby granted for diversion of 14.28 ha of forest land for construction of 400 KV S/C LILO Silchar Byrnihat Transmission line in West Aprikola Reserve Forest under Kamrup East Division Basistha in favour of AEGCL subject to the following conditions:

A. Conditions which need to be complied prior to handing over of forest land by the State Forest Department.

- (1) The user agency shall transfer, the Net Present Value (NPV) along with the revised rates of NPV of the forest land being diverted under this proposal, as per the orders of the Hon'ble Supreme Court of India dated 28/03/2008, 24/04/2008 and 09/05/2008 in Writ petition (Civil) No. 202/1995 and as per the guidelines issued by the Ministry vide letters No 5-3/2007-FC dated 05.02.2009 and File No.5-3/2011-FC(Vol-I) dated 21.03.2022. The requisite funds shall be transferred through online portal into CAMPA account of the State concerned.
- (2) The user agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of CAMPA of the concerned State through online portal. The scheme may

- include appropriate for anticipated cost increase for works scheduled for subsequent years;
- (3) All the funds received from the user agency (CA and dwarf plantation cost, NPV, etc) under the project shall be transferred/deposited to Compensatory Afforestation Fund of Assam State managed by the Ad-hoc CAMPA only through e-portal (https://parivesh.nic.in/). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance.
- (4) The KML files of the area to be diverted, the CA areas, the proposed SMC work, the proposed Catchment Area Treatment area and the WLMP area shall be uploaded on the e-Green watch portal with all requisite details before issuing working permission towards linear projects or submitting compliance report for seeking Stage II approval, as the case may be.
- (5) The boundary of the diverted forest land shall be suitably demarcated on ground at the project cost, as per the directions of the concerned Divisional Forest Officer;
- (6) The user agency shall explore the possibility of successful translocation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department;
- (7) The charges for felling, logging and transportation of project affected trees should be collected from the User Agency at the rates approved by the State Govt and deposited with the DFO concerned for utilization immediately following the diversion of forest land;
- (8) The expenditure like boundary walls, stone pillars, demarcation charges, cost of damage of trees the funds on these accounts should, be deposited with the DFO concerned;
- (9) The User Agency shall restrict the felling of trees to minimum number in the diverted forest land and the trees shall be felled under the strict supervision of the State Forest Department and the cost of felling of trees shall be deposited by the User Agency with the State Forest Department;
- (10) The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector;
- (11) Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in Consolidated Guidelines And Clarifications issued Under Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 And Van (Sanrakshan Evam Samvardhan) Rules, 2023 issued by this Ministry.
- (12) The User Agency in consultation with the State Forest Department prepare a detailed scheme for creation and maintenance of plantation of dwarf species (preferably medicinal plants) in right of way under the transmission line for execution of the said scheme to the State Forest Department;
- [13] The compliance report shall be uploaded on e-portal (https://parivesh.nic.in/).

B: Conditions which need to be strictly compiled on field after handing over of forest land to the user agency by the State Forest Department hut the compliance in form of undertaking shall be submitted prior to Stage-II approval.

- agad status of the forest land shall remote unchanged
- (1) larged states of the horest book sholl remote unchanged.
 (2) The compensatory ulterestation shall be taken up on double the degraded forest land of 30.30 he of double the degraded forest land at Dhemaine Village. Sonapur Range in Ramrup Metropolitan District within three years from the date of Stage -II Clearance and maintained thereafter by the State Forest Department at the cost of the User Agency. As far as possible, a mixture of local indigenous species shall be planted and monoculture of any species may be availed. The CA will be manutained for 10 years.
 (3) At the time of payment of the Net Present Value (NPV) at the time presenting rate, the Date Agency shall to each an undertaking to pay the additional amount of NPV. If so determined, as per the limit devision of the from ble Supreme Court of India:
 (4) The Over Agency shall obtain the Environment Clearance as per the provisions of Environment (Protection) Act. 1006. If required:
 (5) No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site series to avoid any damage and pressure in the marby forest areas.
 (6) The finest land proposal to be diverted shall make in crimical areas. In baneficial to any other agencies, department or person without prior approved of fact of india.
 (7) No damage to the flora and humin of the adjoining area shall be enesely.
 (8) The lay out of the proposal shall not be changed without the prior approved of the Central Government.
 (9) The concerned Divisional Forest Officer, will monitor and take necessary mitigative measures to resone that there is no adverse impact on the forests in the surrounding direct.

- area

 [10]The UsenAgency at its cost shall provide hard deflection, who have in he fixed an apper
 conductor of transmission line at suitable intervals to avoid hard hits.

 [11]The user agency shall comply all the provisions of the all Acts. Rates. Regulations,
 Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, dony,
 for the time being in force, as applicable to the project.

 [12]The User Agency shall comply with the guidelines for laying transmission through
 torest areas exactly Manistry vide letter no. 7-25/2012-FC dated 05/05/2014 &
 19/11/2014.

- 19/11/2014
 (13) No additional or new path will be constructed assole the forest area for transportation of construction materials for execution of the propert work.
 (14) The period of diversion under this approval shall be rectamined with the period of lease to be granted in favour of the user agency or the propert bit, whichever is less.
 (15) The forest land shall not be used for any purpose other than that specified in the project proposal.
 (16) As per Ministry's letter No. 11-30/96-PC(Pt) at 13.9.2003, if the compliance of supulated conditions is awaited from the State Covt for more than 5(five) years, the in-

principle approval would be summarily revoked considering that the user agency is no longer interested in the project.

(17) Any other conditions that the Regional Office, Shillong, Ministry of Environment, Forest & Climare Change may stipulate from time to time in the interest of conservation, protection and development of forests & wildlife.

3. After the receipt of the compliance report from the State Government on fulfillment of the conditions mentioned above, final/stage II approval of the Central Government, in accordance with Section 2 of the Porext (Conxervation) Act, 1988, will be considered. Till the receipt of the Final / Stage-II approval of the Central Government for diversion of the said forest land from this Ministry, transfer of the said forest land to the User Agency shall not be affected by the State Government.

भवदीय.

(W. I. Yalboh) (m वन उप ग्रहानियोज्ञ (केंद्रीय) Deputy Inspector General of Forests(C)

Gopy to:
The Principal Chief Conservator of Forests & HoFF, Govt of Assam. Environment and Forest
Department, Aranya Bhawan, Rop Konwar Jyoti Prasad, Agarwal Path, Near Srimanta
Sankardev Kalakhetra, Panjabari, Guwahati-7

वन उप महानिश्चक (केंद्रीय) Deputy Inspector (Gneral of Porests(C)

0/2-

Appendix 14 - Capacity Building on the safety inductions and meetings, including safety toolbox talks conducted during the reporting period

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			5.07.2024	INDUCTION	Labour induction training	
			6.07.2024	Toolbox talk	Cutting & bar bending	
			10.07.2024	Toolbox talk	Cutting & bending	
			11.07.2024	Toolbox talk	Site hazard	
			12.07.2024	TRAINING	Safety awareness	
			15.07.2024	INDUCTION	Labour induction training	
			16.07.2024	Toolbox talk	Labour camp housekeeping	
			17.07.2024	Toolbox talk	Site housekeeping	
			18.07.2024	Toolbox talk	PPEs uses	
			19.07.2024	Toolbox talk	Job safety hazard	
			20.07.2024	Toolbox talk	Housekeeping on work area	
			22.07.2024	Toolbox talk	Materials handling	
			23.07.2024	TRAINING	Safety training	
			5.08.2024	Toolbox talk	Maintenance of PPEs	
			7.08.2024	Toolbox talk	Cutting & bending	
			8.08.2024	Toolbox talk	Uses of hand glove	
			9.08.2024	Toolbox talk	Uses of PPEs	
			10.08.2024	Toolbox talk	Electrical safety	
1		Jakhalabandha	12.08.2024	Toolbox talk	Welding work	
1	Α	Jaknalabanuna	13.08.2024	Toolbox talk	Cutting & bending	
			14.08.2024	Toolbox talk	Uses of PPEs	
			16.08.2024	Toolbox talk	Materials handling	
			17.08.2024	Toolbox talk	Materials handling	
			19.08.2024	Toolbox talk	Height work	
			22.08.2024	Toolbox talk	Uses of PPEs	
			23.08.2024	TRAINING	Safety awareness	
			24.08.2024	TRAINING	Safety training	
			26.08.2024	Toolbox talk	Housekeeping	
			27.08.2024	Toolbox talk	Importance of PPEs	
			28.08.2024	Toolbox talk	Uses of PPEs	
			29.08.2024	Toolbox talk	Labour camp housekeeping	
			31.08.2024	Toolbox talk	Work area housekeeping	
			2.09.2024	Toolbox talk	Maintenance of PPEs	
			3.09.2024	Toolbox talk	Importance of safety	
			4.09.2024	Toolbox talk	Labour camp housekeeping	
			5.09.2024	Toolbox talk	Height work	
			6.09.2024	Toolbox talk	Labour camp hygiene	
			7.09.2024	Toolbox talk	Site hazard	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			9.09.2024	INDUCTION	Labour induction training	
			10.09.2024	Toolbox talk	Site hazard	
			19.09.2024	Toolbox talk	Uses of PPEs	
			21.09.2024	Toolbox talk	Height work	
			23.09.2024	Toolbox talk	Uses of PPEs	
			24.09.2024	Toolbox talk	Importance of hand glove	
			25.09.2024	Toolbox talk	Labour camp housekeeping	
			1.10.2024	Toolbox talk	Labour camp housekeeping	
			3.10.2024	Toolbox talk	Height work	
			5.10.2024	Toolbox talk	Unsafe act	
			21.10.2024	Toolbox talk	Labour camp hygiene	
			22.10.2024	Toolbox talk	Labour room housekeeping	
			24.10.2024	Toolbox talk	Material handling	
			26.10.2024	Toolbox talk	Maintenance of PPEs	
			28.10.2024	Toolbox talk	Material handling	
			29.10.2024	Toolbox talk	Cutting & bar bending	
			4.11.2024	Toolbox talk	Work area housekeeping	
			5.11.2024	Toolbox talk	No hunting of animals	
			6.11.2024	Toolbox talk	General safety	
			7.11.2024	Toolbox talk	Material handling	
			9.11.2024	Toolbox talk	Cutting bar bending	
			11.11.2024	Toolbox talk	Cutting & bar bending	
			12.11.2024	Toolbox talk	No hunting of animals	
			14.11.2024	TRAINING	Fire extinguisher operate training	
			25.11.2024	Toolbox talk	Uses of PPEs	
			4.12.2024	Toolbox talk	Labour camp hygiene	
			5.12.2024	Toolbox talk	Work at height	
			6.12.2024	Toolbox talk	Work at height	
			7.12.2024	Toolbox talk	General safety	
			9.12.2024	Toolbox talk	Barricading	
			11.12.2024	Toolbox talk	Unsafe act	
			12.12.2024	Toolbox talk	Height work	
			13.12.2024	Toolbox talk	Height work	
			14.12.2024	Toolbox talk	Excavation work	
			16.12.2024	Toolbox talk	General safety	
			17.12.2024	Toolbox talk	Material stacking	
			18.12.2024	Toolbox talk	Maintenance of PPEs	
			19.12.2024	Toolbox talk	Height work	
			20.12.2024	Toolbox talk	General safety	
			21.12.2024	Toolbox talk Toolbox talk	Height work	
			23.12.2024	Toolbox talk	Excavation	
			24.12.2024	Toolbox talk	Unsafe condition	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			26.12.2024	Toolbox talk	Importance Of PPEs	
			27.12.2024	Toolbox talk	Material handling	
			01-07-2024	Toolbox Talk	How to Prevent the accidents	
			02-07-2024	Toolbox talk	House keeping	
			03-07-2024	Toolbox talk	Use of PPE'S	
			04-07-2024	Toolbox talk	Personal Hygiene	
			05-07-2024	RAIN FALL	RAINFALL	
			06-07-2024	RAIN FALL	RAINFALL	
			08-07-2024	Toolbox talk	Importance of First Aid	
			09-07-2024	Water logging	Water logging	
			10-07-2024	RAIN FALL	RAINFALL	
			11-07-2024	DO	DO	
			12-07-2024	Water logging	Water logging	
			13-07-2024	Toolbox talk	House keeping	
			15-07-2024	RAIN FALL	RAINFALL	
			16-07-2024	INDUCTION	NEW JOINING WORKERS	
			17-07-2024	Toolbox talk	Personal Hygiene	
			18-07-2024	Toolbox talk	Personal Hygiene	
			19-07-2024	Toolbox talk	Hot Works	
			20-07-2024	Toolbox talk	Hot Works	
			22-07-2024	RAIN FALL	RAINFALL	
			23-07-2024	Toolbox talk	Electrical safety	
		Bihpuria	24-07-2024	Toolbox talk	Work at Height	
			25-07-2024	Toolbox talk	Fire and fire extinguishers	
			26-07-2024	Toolbox talk	usage of power tools	
			27-07-2024	Toolbox talk	Basic Causes of Accidents	
			29-07-2024	Toolbox talk	How to Prevent the accidents	
			30-07-2024	Toolbox talk	House keeping	
			31-07-2024	Toolbox talk	House keeping	
			01-08-2024	INDUCTION	NEW JOINING WORKERS	
			02-08-2024	Toolbox talk	How to Prevent the accidents	
			03-08-2024	Toolbox talk	House keeping	
			05-08-2024	Toolbox talk	Personal Hygiene	
			06-08-2024	RAIN FALL	RAINFALL	
			07-08-2024	Toolbox talk	Maintenance of PPE'S	
			08-08-2024	Toolbox talk	Job safety hazards	
			09-08-2024	Toolbox talk	Importance of First Aid	
			10-08-2024	Toolbox talk	Electrical safety	
			12-08-2024	Toolbox talk	Fire and fire extinguishers	
			13-08-2024	Toolbox talk Toolbox talk	usage of power tools	
			14-08-2024	Toolbox talk Toolbox talk	Basic Causes of Accidents	
			16-08-2024	Toolbox talk	House keeping	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			17-08-2024	Toolbox talk	Use of PPE'S	
			19-08-2024	Toolbox talk	Personal Hygiene	
			20-08-2024	Toolbox talk	Hot Works	
			21-08-2024	Toolbox talk	Maintenance of PPE'S	
			22-08-2024	Toolbox talk	Job safety hazards	
			23-08-2024	Toolbox talk	Importance of First Aid	
			24-08-2024	Toolbox talk	Electrical safety	
			26-08-2024	Toolbox talk	Fire and fire extinguishers	
			27-08-2024	Toolbox talk	Usage of power tools	
			28-08-2024	Toolbox talk	Usage of power tools	
			29-08-2024	Toolbox talk	Work at Height	
			30-08-2024	Toolbox talk	Work at Height	
			31-08-2024	Toolbox talk	Work at Height	
			02-09-2024	Toolbox talk	Use of PPE'S	
			03-09-2024	Toolbox talk	Personal Hygiene	
			04-09-2024	Toolbox talk	Hot Works	
			05-09-2024	Toolbox talk	Maintenance of PPE'S	
			06-09-2024	Toolbox talk	Job safety hazards	
			07-09-2024	Toolbox talk	Importance of First Aid	
			09-09-2024	Toolbox talk	Work at Height	
			10-09-2024	Toolbox talk	Fire and fire extinguishers	
			11-09-2024	RAIN FALL	RAINFALL	
			12-09-2024	Toolbox talk	Basic Causes of Accidents	
			13-09-2024	Toolbox talk	How to Prevent the accidents	
			14-09-2024	Toolbox talk	House keeping	
			16-09-2024	Toolbox talk	Personal Hygiene	
			17-09-2024	Toolbox talk	Personal Hygiene	
			18-09-2024	Toolbox talk	Hot Works	
			19-09-2024	Toolbox talk	Maintenance of PPE'S	
			20-09-2024	Toolbox talk	Job safety hazards	
			21-09-2024	Toolbox talk	Importance of First Aid	
			23-09-2024	Toolbox talk	Fire and fire extinguishers	
			24-09-2024	Toolbox talk	Fire and fire extinguishers	
			25-09-2024	Toolbox talk	usage of power tools	
			26-09-2024	RAIN FALL	RAINFALL	
			27-09-2024	Toolbox talk	Basic Causes of Accidents	
			28-09-2024	Toolbox talk	How to Prevent the accidents	
			30-09-2024	Toolbox talk	House keeping	
			03.07.2024	Toolbox talk	Unsafe act and unsafe condition	
	_		05.07.2024	Toolbox talk	Safe manual material handling	
2	В	Nagaon 2	10.07.2024	Toolbox talk	Electrical hazards	
			12.07.2024	Toolbox talk	Housekeeping	

SI. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			15.07.2024	Toolbox talk	Safety during height work	
			01.08.2024	Toolbox talk	Hazards associated with site works	
			03.08.2024	Toolbox talk	Safety during steel work	
			06.08.2024	Toolbox talk	Safe ascending/descending during height work	
			12.08.2024	Toolbox talk	PPE's awareness	
			16.08.2024	Toolbox talk	Camp Hygiene	
			17.08.2024	Toolbox talk	Electrical Hazards	
			20.08.2024	Toolbox talk	Safe cement handling	
			23.08.2024	Toolbox talk	Housekeeping	
			25.08.2024	Toolbox talk	Precautions during hot weather	
			26.08.2024	TRAINING	Slip,Trips and Fall	
			27.08.2024	Toolbox talk	Safe operating electrical equipment	
			28.08.2024	Toolbox talk	Safe cement handling	
			29.08.2024	Toolbox talk	Housekeeping	
			30.08.2024	TRAINING	Electrical safety	
			31.08.2024	Toolbox talk	Safety during manual handling	
			02.09.2024	Toolbox talk	Safe operating mixture machine	
			05.09.2024	Toolbox talk	Safe cement handling	
			05.09.2024	TRAINING	Work at height safety	
			07.09.2024	Toolbox talk	Hazards and risks during pile work	
			09.09.2024	Toolbox talk	Steel cutting and bending safety	
			12.09.2024	Toolbox talk	Hygiene maintenance	
			15.09.2024	Toolbox talk	Safe loading/unloading techniques	
			18.09.2024	Toolbox talk	Unsafe act and conditions	
			18.09.2024	TRAINING	Hand and power tool safety	
			21.09.2024	Toolbox talk	Safety points to ensure during scaffolding work	
			24.09.2024	Toolbox talk	Safety during steel cutting and bending	
			25.09.2024	Toolbox talk	PPE'S Awareness	
			27.09.2024	Toolbox talk	Safety precautions during hot weather	
			28.09.2024	Toolbox talk	Safe stacking of unused materials	
			01.10.2024	Toolbox talk	Safety precautions for rainy weather	
			03.10.2024	Toolbox talk	Material handling safety	
			06.10.2024	Toolbox talk	Safe cement handling	
			07.10.2024	Toolbox talk	Correct use of double lanyard safety harness	
			09.10.2024	Toolbox talk	Unsafe act and Unsafe conditions	
			09.10.2024	TRAINING	Safety in manual material handling	
			17.10.2024	Toolbox talk	Electrical hazards	
			21.10.2024	Toolbox talk	Correct use of ladder	
			23.10.2024	Toolbox talk	Ideas to setup safe scaffolds	
			23.10.2024	TRAINING	Work at height safety training	
			24.10.2024	TRAINING	Waste management safety training	
			30.10.2024	Toolbox talk	Safety during loading/lifting	

l. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			03.11.2024	Toolbox talk	Safe use of tools and equipment's	
			04.11.2024	Toolbox talk	Unsafe act and unsafe conditions	
			06.11.2024	TRAINING	Environmental pollution	
			09.11.2024	Toolbox talk	Safe cement handling	
			11.11.2024	Toolbox talk	Safety points to ensure during work on scaffolding	
			13.11.2024	Toolbox talk	Safe lifting of materials	
			18.11.2024	TRAINING	Slip, Trips and fall safety	
			20.11.2024	Toolbox talk	Correct use of ladder	
			23.11.2024	Toolbox talk	Correct material storage	
			27.11.2024	Toolbox talk	Housekeeping	
			28.11.2024	TRAINING	Manual material handling safety	
			30.11.2024	Toolbox talk	Safe loading/Lifting	
			30.11.2024	TRAINING	Near miss reporting	
			01.12.2024	Toolbox talk	Safe cement handling	
			04.12.2024	Toolbox talk	Harms of cement dust and precautions	
			06.12.2024	Toolbox talk	Safe material handling	
			07.12.2024	Toolbox talk	Work at height safety	
			09.12.2024	Toolbox talk	Housekeeping	
			10.12.2024	TRAINING	How cement dust is responsible for silicosis	
			12.12.2024	Toolbox talk	Electrical hazards	
			13.12.2024	Toolbox talk	Work at height safety	
			14.12.2024	Toolbox talk	Material stacking	
			16.12.2024	Toolbox talk	Housekeeping	
			17.12.2024	Toolbox talk	Safety precaution while working in excavated pit	
			18.12.2024	Toolbox talk	Unsafe acts and unsafe conditions	
			19.12.2024	Toolbox talk	About incident reporting to site supervisor	
			22.12.2024	Toolbox talk	Safe excavation ideas	
			23.12.2024	Toolbox talk	PPE's Awareness	
			26.12.2024	Toolbox talk	Safety during height work	
			28.12.2024	Toolbox talk	Waste storage	
			29.12.2024	Toolbox talk	Housekeeping	
			31.12.2024	Toolbox talk	About maintaining hygiene in living camp area	
			02/07/2024	Toolbox talk	Scaffolding safety	
			03/07/2024	Toolbox talk	Machinery safety	
			05/07/2024	Toolbox talk	Material lifting & shifting	
			06/07/2024	Toolbox talk	Moving machinery	
			08/07/2024	Training	Use and importance of FBH	
		Chaygaon	09/07/2024	Toolbox talk	Excavation safety	
			12/07/2024	Toolbox talk	Electrical safety	
			16/07/2024	Toolbox talk	Labour camp housekeeping	
			18/07/2024	Toolbox talk Toolbox talk	Hazards	
			24/07/2024	Toolbox talk	Work at height	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			23/07/2024	Toolbox talk	Housekeeping	
			22/07/2024	Toolbox talk	Moving machinery	
			27/07/2024	Toolbox talk	Lifting and shifting	
			01/08/2024	Toolbox talk	Shuttering hazard	
			02/08/2024	Toolbox talk	Slip trip fall	
			09/08/2024	Toolbox talk	Cutting machine	
			12/08/2024	Toolbox talk	Cutting hazard	
			13/08/2024	Toolbox talk	Slip trip fall	
			28/08/2024	Toolbox talk	Excavation safety	
			09/09/2024	Toolbox talk	Work at height	
			10/09/2024	Toolbox talk	Machinery safety	
			12/09/2024	Toolbox talk	Housekeeping	
			13/09/2024	Toolbox talk	Slip trip fall	
			14/09/2024	Toolbox talk	Slip trip fall	
			16/09/2024	Toolbox talk	Housekeeping	
			18/09/2024	Toolbox talk	Work at height	
			19/09/2024	Toolbox talk	Cutting machine	
			21/09/2024	Toolbox talk	Work at height	
			23/09/2024	Toolbox talk	Importance of PPEs	
			01/10/2024	Toolbox talk	Electrical safety	
			03/10/2024	Toolbox talk	Good housekeeping	
			07/10/2024	Toolbox talk	Material shifting	
			09/10/2024	Toolbox talk	Excavation	
			10/10/2024	Toolbox talk	Excavation	
			14/10/2024	Toolbox talk	Shuttering work	
			15/10/2024	Toolbox talk	Good housekeeping	
			16/10/2024	Training	Safe driving	
			17/10/2024	Training	Slip trip fall	
			19/10/2024	Toolbox talk	Machinery safety	
			21/10/2024	Toolbox talk	Electrical safety	
			28/10/2024	Toolbox talk	Work at height	
			13/11/2024	Toolbox talk	Electrical safety	
			15/11/2024	Toolbox talk	Electrical safety	
			16/11/2024	Toolbox talk	Importance of PPEs	
			17/11/2024	Toolbox talk	Slip trip fall	
			18/11/2024	Toolbox talk	Safe driving	
			19/11/2024	Toolbox talk	Slip trip fall	
			03/12/2024	Toolbox talk	Electrical safety	
			11/12/2024	Induction training	Machinery safety	
			13/12/2024	Toolbox talk	Work at height	
			15/12/2024	Toolbox talk	Material shifting	
			17/12/2024	Toolbox talk Toolbox talk	Casting work	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			19/12/2024	Toolbox talk	Machinery safety	
			21/12/2024	Toolbox talk	Scaffolding safety.	
			24/12//2024	Toolbox talk	Importance of safety.	
			30/12/2024	Toolbox talk	Portable electric safety.	
			01.07.2024	Training	Use of safety belt	
			03.07.2024	Toolbox talk	Housekeeping	
			04.07.2024	Toolbox talk	Electrical safety	
			05.07.2024	Toolbox talk	Housekeeping	
			06.07.2024	Toolbox talk	Work at height	
			08.07.2024	Toolbox talk	Use of PPE	
			10.07.2024	Toolbox talk	Housekeeping	
			11.07.2024	Toolbox talk	Work at height	
			12.07.2024	Toolbox talk	Electrical safety	
			13.07.2024	Toolbox talk	Housekeeping	
			15.07.2024	Toolbox talk	Electrical safety	
			18.07.2024	Toolbox talk	Work at height	
			19.07.2024	Toolbox talk	Electrical safety	
			20.07.2024	Toolbox talk	Housekeeping	
			22.07.2024	Toolbox talk	Electrical safety	
			24.07.2024	Toolbox talk	Housekeeping	
			25.07.2024	Toolbox talk	Health and hygiene	
			26.07.2024	Toolbox talk	Work at height	
			27.07.2024	Toolbox talk	Electrical safety	
	С	Burhigaon	29.07.2024	Toolbox talk	Electrical safety	
			01.08.2024	Training	Use of safety belt	
			03.08.2024	Toolbox talk	Housekeeping	
			05.08.2024	Toolbox talk	Housekeeping	
			06.08.2024	Toolbox talk	Work at height	
			07.08.2024	Toolbox talk	Electrical safety	
			08.08.2024	Toolbox talk	Use of PPE	
			10.08.2024	Toolbox talk	Housekeeping	
			12.08.2024	Toolbox talk	Electrical safety	
			13.08.2024	Toolbox talk	Housekeeping	
			14.08.2024	Toolbox talk	Material handling	
			16.08.2024	Toolbox talk	Work at height	
			17.08.2024	Toolbox talk	Electrical safety	
			19.08.2024	Toolbox talk	General safety	
			20.08.2024	Toolbox talk	Electrical safety	
			21.08.2024	Toolbox talk	Housekeeping	
			22.08.2024	Toolbox talk	Health and hygiene	
			23.08.2024	Toolbox talk	Work at height	
			24.08.2024	Toolbox talk Toolbox talk	Electrical safety	<u> </u>

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			26.08.2024	Toolbox talk	Electrical safety	
			27.08.2024	Toolbox talk	Housekeeping	
			28.08.2024	Toolbox talk	Use of PPE	
			29.08.2024	Toolbox talk	Use of safety belt at height	
			30.08.2024	Toolbox talk	Electrical machines	
			02.09.2024	Toolbox talk	Housekeeping	
			03.09.2024	Toolbox talk	Electrical safety	
			04.09.2024	Toolbox talk	Housekeeping	
			05.09.2024	Toolbox talk	Work at height	
			06.09.2024	Toolbox talk	Electrical safety	
			07.09.2024	Toolbox talk	Use of PPE	
			09.09.2024	Toolbox talk	Work at height	
			10.09.2024	Toolbox talk	Electrical safety	
			11.09.2024	Toolbox talk	Housekeeping	
			12.09.2024	Toolbox talk	Material handling	
			13.09.2024	Toolbox talk	Electrical safety	
			14.09.2024	Toolbox talk	Work at height	
			16.09.2024	Toolbox talk	Housekeeping	
			17.09.2024	Toolbox talk	General safety	
			18.09.2024	Toolbox talk	Electrical safety	
			19.09.2024	Toolbox talk	Housekeeping	
			20.09.2024	Toolbox talk	Health and hygiene	
			23.09.2024	Toolbox talk	Electrical safety	
			24.09.2024	Toolbox talk	Work at height	
			25.09.2024	Toolbox talk	Electrical safety	
			26.09.2024	Toolbox talk	Housekeeping	
			27.09.2024	Toolbox talk	Use of PPE	
			28.09.2024	Toolbox talk	Use of safety belt at height	
			30.09.2024	Toolbox talk	Electrical machines	
			01.10.2024	Training	Use of safety belt	
			02.10.2024	Toolbox talk	Housekeeping	
			03.10.2024	Toolbox talk	Electrical safety	
			04.10.2024	Toolbox talk	Housekeeping	
			05.10.2024	Toolbox talk	Work at height	
			07.10.2024	Toolbox talk	Use of PPE	
			08.10.2024	Toolbox talk	Housekeeping	
			14.10.2024	Toolbox talk	Work at height	
			15.10.2024	Toolbox talk	Electrical safety	
			16.10.2024	Toolbox talk	Housekeeping	
			17.10.2024	Toolbox talk	General safety	
			18.10.2024	Toolbox talk	Electrical safety	
			19.10.2024	Toolbox talk	Housekeeping	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			22.10.2024	Toolbox talk	Work at height	
			23.10.2024	Toolbox talk	Electrical safety	
			24.10.2024	Toolbox talk	Work at height	
			25.10.2024	Toolbox talk	Electrical safety	
			26.10.2024	Toolbox talk	Housekeeping	
			28.10.2024	Toolbox talk	Use of safety belt at height	
			30.10.2024	Toolbox talk	Electrical machines	
			01.11.2024	Training	Use of safety belt	
			02.11.2024	Toolbox talk	Housekeeping	
			04.11.2024	Toolbox talk	Housekeeping	
			05.11.2024	Toolbox talk	Work at height	
			06.11.2024	Toolbox talk	Electrical safety	
			07.11.2024	Toolbox talk	Use of PPE	
			08.11.2024	Toolbox talk	Housekeeping	
			09.11.2024	Toolbox talk	Work at height	
			11.11.2024	Toolbox talk	Housekeeping	
			12.11.2024	Toolbox talk	Material handling	
			13.11.2024	Toolbox talk	Electrical safety	
			14.11.2024	Toolbox talk	Work at height	
			15.11.2024	Toolbox talk	Electrical safety	
			16.11.2024	Toolbox talk	Housekeeping	
			18.11.2024	Toolbox talk	Electrical safety	
			19.11.2024	Toolbox talk	Housekeeping	
			20.11.2024	Toolbox talk	Health and hygiene	
			22.11.2024	Toolbox talk	Work at height	
			23.11.2024	Toolbox talk	Electrical safety	
			25.11.2024	Toolbox talk	Electrical safety	
			26.11.2024	Toolbox talk	Housekeeping	
			27.11.2024	Toolbox talk	Use of PPE	
			28.11.2024	Toolbox talk	Use of safety belt at height	
			30.11.2024	Toolbox talk	Electrical machines	
			02.12.2024	Toolbox talk	Housekeeping	
			03.12.2024	Toolbox talk	Electrical safety	
			04.12.2024	Toolbox talk	Housekeeping	
			05.12.2024	Toolbox talk	Work at height	
			06.12.2024	Toolbox talk	Electrical safety	
			07.12.2024	Toolbox talk	Use of PPE	
			09.12.2024	Toolbox talk	Work at height	
			10.12.2024	Toolbox talk	Electrical safety	
			11.12.2024	Toolbox talk	Housekeeping	
			12.12.2024	Toolbox talk	Material handling	
			13.12.2024	Toolbox talk	Electrical safety	

l. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			14.12.2024	Toolbox talk	Work at height	
			16.12.2024	Toolbox talk	Housekeeping	
			17.12.2024	Toolbox talk	General safety	
			18.12.2024	Toolbox talk	Electrical safety	
			19.12.2024	Toolbox talk	Housekeeping	
			20.12.2024	Toolbox talk	Health and hygiene	
			23.12.2024	Toolbox talk	Electrical safety	
			24.12.2024	Toolbox talk	Work at height	
			25.12.2024	Toolbox talk	Electrical safety	
			26.12.2024	Toolbox talk	Housekeeping	
			27.12.2024	Toolbox talk	Use of PPE	
			28.12.2024	Toolbox talk	Use of safety belt at height	
			30.12.2024	Toolbox talk	Electrical machines	
					Brief introduction of project , roll and responsibility, information about HS	
					policy awareness about safety identification & reporting of deviation, near	
			08.07.2024	Induction training	miss lost time, tours & plants, emergency plan, work at height, personal	
					protective equipment, hazard type of hazard identification and reporting,	
					hot work, firefighting, lifting equipment, electrical safety, other others	
			10.07.2024	Toolbox talk	Work at height, full body harness	
			11.07.2024	Toolbox talk	Excavation work	
			15.07.2024	Toolbox talk	Housekeeping, equipment and tools	
			20.07.2024	Safety awareness program	Importance of safety how to protect safety gear.	
			22.07.2024	Toolbox talk	What is hazard, what is incident and accident	
			28.07.2024	Toolbox talk	Manual handling , effect of dust inhale.	
			30.07.2024	Toolbox talk	First aid, incident reporting	
			03.08.2024	Job specific training	Nature of work, height, work, excavation work, hot work and Cold work	
	D	Khumtai	05.08.2024	Toolbox talk	Housekeeping, work tools	
			10.08.2024	Toolbox talk	Work at height, full body harness	
			11.08.2024	Toolbox talk	Health and hygiene	
			15.08 .2024	Toolbox talk	Emergency contact number, assembly point	
			18.08.2024	Toolbox talk	Scaffolding work,	
			20.08.2024	Toolbox talk	Hazard in casting work, snake white	
			23.08.2024	Safety training	Role and responsibility, Importance TBT	
			26.08.2024	Toolbox talk	Safe act and unsafe act	
			30.08.2024	Toolbox talk	Good practice and bad practice	
			03.09.2024	Toolbox talk	Work at height,	
			05.09.2024	Toolbox talk	Hot work, and cold work	
			09.09.2024	Mock drill	Work at height	
			12.09.2024	Toolbox talk	Work at height	
			15.09.2024	Toolbox talk	Safe condition and unsafe condition	
			18.09.2024	Toolbox talk	Housekeeping, health and hygiene	

Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
		20.09.2024	Environment training	Housekeeping, wildlife animal, effect of environment	
		28.09.2024	Toolbox talk	Emergency reporting	
		01.10.2024	Toolbox talk	Excavation work	
		05.10.2024	Toolbox talk	Electrical hazard, electrical safe measure	
		09.10.2024	Toolbox talk	First add and control measure of accident	
		13.10.2024	Toolbox talk	Work at height	
		17.10.2024	Toolbox talk	Electrical hazard, hot work	
		23.10.2024	Toolbox talk	Vehicle safety, parking area,	
		27.10.2024	Toolbox talk	Housekeeping, health and hygiene	
		29.10.2024	Toolbox talk	Labour camp housekeeping tools and tackle	
		05.11.2024	Toolbox talk	Excavation work	
		08.11.2024	Toolbox talk	Loading unloading manual lifting	
		11.11.2024	Toolbox talk	Work at height	
				Brief introduction of project , roll and responsibility, information about HS	
				policy awareness about safety identification & reporting of deviation, near	
		14.11.2024	Induction training	miss lost time, tours & plants, emergency plan, work at height, personal	
				protective equipment, hazard type of hazard identification and reporting,	
				hot work, firefighting.	
		02.07.2024	Toolbox Talk	General Safety Precaution taken during site work	
		03.07.2024	Toolbox Talk, Safety Training	Electrical Safety, Tools & Tackles Safety	
		04.07.2024	Toolbox Talk	General Safety Awareness	
		05.07.2024	Toolbox Talk	Tools & Tackles Safety	
		06.07.2024	Toolbox Talk	Slip & Trip	
		08.07.2024	Toolbox Talk	Scaffolding Safety	
		09.07.2024	Toolbox Talk	Ladder Safety	
		10.07.2024	Toolbox Talk, Safety Training	Work at Height, Permit to Work	
		11.07.2024	Toolbox Talk	Tools & Tackles Safety	
		12.07.2024	Toolbox Talk	Fire Safety	
		13.07.2024	Toolbox Talk	Excavation Safety	
_	Cambandanasan	15.07.2024	Toolbox Talk, Safety Training	Tools & Tackles Safety, Waste Management	
E	Sankardevnagar	16.07.2024	Toolbox Talk	General Safety Awareness	
		17.07.2024	Toolbox Talk	General Safety Awareness	
		18.07.2024	Induction	Permit to Work	
		19.07.2024	Toolbox Talk	Electrical Safety	
		20.07.2024	Toolbox Talk	Tools & Tackles Safety	
		22.07.2024	Toolbox Talk	Work at Height	
		23.07.2024	Toolbox Talk	General Safety Awareness	
		24.07.2024	Toolbox Talk	Permit to Work	
		-			
		25.07.2024	drill Fire Explosion inside	PPEs Awareness	
			Office/Workmen Camp/Mess		
		26.07.2024	Toolbox Talk	Fire Safety	
	Packages		20.09.2024 28.09.2024 01.10.2024 05.10.2024 13.10.2024 17.10.2024 23.10.2024 27.10.2024 29.10.2024 08.11.2024 01.11.2024 11.11.2024 14.11.2024 14.11.2024 14.11.2024 Sankardevnagar E Sankardevnagar 20.09.2024 01.00.2024 02.07.2024 03.07.2024 04.07.2024 05.07.2024 06.07.2024 11.07.2024 11.07.2024 11.07.2024 11.07.2024 11.07.2024 11.07.2024 11.07.2024 11.07.2024 11.07.2024 11.07.2024 11.07.2024 11.07.2024 11.07.2024 11.07.2024 12.07.2024 11.07.2024 12.07.2024 12.07.2024 12.07.2024 12.07.2024 22.07.2024 23.07.2024 23.07.2024 24.07.2024	Packages Name of Substation Date Toolbox Talk	Package Name of substation Date Toolbox Talk

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			27.07.2024	Toolbox Talk, Monthly Safety Committee Meeting	Electrical Safety	
			29.07.2024	Toolbox Talk, Safety Induction	Tools & Tackles Safety	
			30.07.2024	Toolbox Talk, Monthly Safety Motivational Program	Work at Height	
			31.07.2024	Toolbox Talk	General Safety Awareness	
			01.08.2024	Toolbox Talk	Drug & Alcohol policy	
			02.08.2024	Toolbox Talk	Work at Height	
			03.08.2024	Toolbox Talk, Safety Induction	General Safety Awareness	
			05.08.2024	Toolbox Talk	Materials Handling Safety	
			06.08.2024	Toolbox Talk	Electrical Safety	
			07.08.2024	Toolbox Talk	Work at Height	
			13.08.2024	Toolbox Talk, Safety Training	Materials Handling Safety	
			14.08.2024	Toolbox Talk	Hot Work Safety	
			16.08.2024	Toolbox Talk, Emergency Mock drill Snake Bite	Materials Handling Safety	
			17.08.2024	Toolbox Talk	General Safety Awareness	
			19.08.2024	Toolbox Talk	Fire Safety	
			20.08.2024	Toolbox Talk	Housekeeping at Site	
			21.08.2024	Toolbox Talk, Safety Training	Electrical Safety, Permit to Work	
			22.08.2024	Toolbox Talk	General Safety Awareness	
			23.08.2024	Toolbox Talk	Work at Height	
			24.08.2024	Toolbox Talk, Safety Induction	Grinding Safety	
			26.08.2024	Toolbox Talk	Electrical Safety	
			27.08.2024	Toolbox Talk	Materials Handling Safety	
			28.08.2024	Toolbox Talk, Safety Training	General Safety Awareness, Electrical Safety	
			29.08.2024	Toolbox Talk, Monthly Safety Committee Meeting	Tools & Tackles Safety	
			30-08-2024	Toolbox Talk	PPEs Awareness	
			31-08-2024	Toolbox Talk, Monthly Safety Motivational Program	Electrical Safety	
			02.09.2024	Toolbox Talk	General Safety Awareness	
			03.09.2024	Toolbox Talk, Safety Training	Work at Height, PPEs Awareness	
			04.09.2024	Toolbox Talk	Hot Work Safety	
			05.09.2024	Toolbox Talk	Permit to Work	
			06.09.2024	Toolbox Talk	Tools & tackles Safety	
			07.09.2024	Toolbox Talk	Electrical Safety	
			09.09.2024	Toolbox Talk, Safety Training	Electrical Safety, Permit to Work	
			10.09.2024	Toolbox Talk	Permit to Work	
			11.09.2024	Toolbox Talk	Work at Height	
			12.09.2024	Toolbox Talk, Safety Training	Scaffolding Safety, Uses of FBH	
			13.09.2024	Toolbox Talk	Housekeeping at Site	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			14.09.2024	Toolbox Talk	Electrical Safety	
			18.09.2024	Toolbox Talk, Induction Training	General Safety Awareness	
			19.09.2024	Toolbox Talk	Tools & Tackles Safety	
			20.09.2024	Toolbox Talk	Hygiene of Labour Camp	
			21.09.2024	Toolbox Talk	PPEs Awareness Safety	
			23.09.2024	Toolbox Talk, Emergency Mock drill_ Electrocution	Ladder Safety	
			24.09.2024	Toolbox Talk	Scaffolding Safety	
			25.09.2024	Toolbox Talk	Electrical Safety	
			26.09.2024	Toolbox Talk, Safety Training	Materials Handling, HIRA	
			27.09.2024	Toolbox Talk	Fire Safety	
			28.09.2024	Toolbox Talk, Monthly Safety Committee Meeting	Work at Height	
			30.09.2024	Toolbox Talk, Monthly Motivational Program	Work at Height	
			02.10.2024	Toolbox Talk	General Safety Awareness	
			03.10.2024	Toolbox Talk	Work at Height	
			04.10.2024	Toolbox Talk, Safety Training	Electrical Safety, Materials Handling	
			05.10.2024	Toolbox Talk	Materials Handling Safety	
			07.10.2024	Toolbox Talk, Safety Training	Scaffolding Safety, Fire & Uses of Fire Extinguisher	
			08.10.2024	Toolbox Talk	General Safety Awareness	
			16.10.2024	Toolbox Talk	General Safety Awareness	
			17.10.2024	Toolbox Talk	General Safety Awareness	
			18.10.2024	Toolbox Talk	Hand tools Safety	
			19.10.2024	Toolbox Talk, Training	Work at Height, Waste Management	
			21.10.2024	Toolbox Talk	Electrical Safety	
			22.10.2024	Toolbox Talk	Housekeeping at Site	
			23.10.2024	Toolbox Talk	Fire Safety	
			24.10.2024	Toolbox Talk	Electrical Safety	
			25.10.2024	Toolbox Talk	PPEs Awareness	
			26.10.2024	Toolbox Talk, Monthly Safety Committee Meeting	Scaffolding Safety	
			27.10.2024	Toolbox Talk	Housekeeping at Site	
			28.10.2024	Toolbox Talk, Emergency Mock drill _Structure Collapse/Multiple	Materials Handling Safety	
			29.10.2024	Fatalities at Site Toolbox Talk	Work at Height Safety	
			30.10.2024	Toolbox Talk, Safety Motivation Program	Electrical Safety	
			04.11.2024	Toolbox Talk	Work at Height	
			05.11.2024	Toolbox Talk	Work at Height	
			06.11.2024	Toolbox Talk	Height Work	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			07.11.2024	Toolbox Talk	Scaffolding Safety	
			08.11.2024	Toolbox Talk	Scaffolding Safety	
			12.11.2024	Toolbox Talk	Electrical safety	
			13.11.2024	Toolbox Talk	Work at Height	
			15.11.2024	Toolbox Talk	Work at Height	
			16.11.2024	Toolbox Talk	Safe DE shuttering work at Height	
			18.11.2024	Toolbox Talk	Work at Height	
			19.11.2024	Toolbox Talk, Training	Work at Height, Snake Bite at Site	
			20.11.2024	Toolbox Talk	Work at Height	
			21.11.2024	Toolbox Talk	Work at Height	
			22.11.2024	Toolbox Talk	Work at Height	
			24.11.2024	Toolbox Talk	Work at Height	
			25.11.2024	Toolbox Talk	Work at Height	
			26.11.2024	Toolbox Talk, Safety Induction	Work at Height	
			27.11.2024	Toolbox Talk, Safety Training	Work at Height	
			28.11.2024	Toolbox Talk, Induction Training	Work at Height	
			29.11.2024	Toolbox Talk	Work at Height	
			30.11.2024	Toolbox Talk/Safety Motivational Program	Work at Height, Safety Motivational Program and General Safety training	
			02.12.2024	Toolbox Talk	Work at Height Safety	
			03.12.2024	Toolbox Talk	General Safety Precaution taken during site work	
			04.12.2024	Induction	World Environment Day awareness program Theme - Land restoration, Desertification and drought resilience awareness	
			05.12.2024	Toolbox Talk	Work at Height Safety	
			06.12.2024	Toolbox Talk, Safety Training	Materials Handling	
			07.12.2024	Toolbox Talk	Scaffolding Safety	
			08.12.2024	Toolbox Talk	Housekeeping at Site.	
			09.12.2024	Toolbox Talk	General Safety Awareness	
			10.12.2024	Toolbox Talk	Work at Height Safety	
			11.12.2024	Toolbox Talk	Electrical Safety	
			12.12.2024	Toolbox Talk, Safety Induction	Permit to Work	
			13.12.2024	Toolbox Talk, Safety Training	Electrical Safety	
			14.12.2024	Toolbox Talk	General Safety Awareness	
			15.12.2024	Toolbox Talk	Housekeeping at Site.	
			16.12.2024	Toolbox Talk, Emergency Mock drill Natural Calamity Like Earthquake	Work at Height Safety	
			17.12.2024	Toolbox Talk	Tools & Tackles Safety	
			18.12.2024	Toolbox Talk	Work at Height Safety	
			19.12.2024	Toolbox Talk Toolbox Talk	General Safety Awareness	
			20.12.2024	Toolbox Talk, Safety Induction	Grinding Safety	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			21.12.2024	Toolbox Talk	Materials Handling Safety	
			23.12.2024	Toolbox Talk	Work at Height Safety	
			24.12.2024	Toolbox Talk	General Safety Awareness	
			25.12.2024	Toolbox Talk	Work at Height Safety	
			26.12.2024	Toolbox Talk	Scaffolding Safety	
			27.12.2024	Toolbox Talk	General Safety Awareness	
			28.12.2024	Toolbox Talk, Monthly Safety Committee Meeting	Ladder Safety	
			30.12.2024	Toolbox Talk	Permit to Work	
			31.12.2024	Toolbox Talk/Monthly Motivational Safety Program at Site.	Materials Handling & General Safety Awareness/Monthly Safety Motivational Program	
			01-07-2024	Toolbox Talk	Electrical Safety	
			02-07-2024	Toolbox Talk	Material Handling	
			03-07-2024	Toolbox Talk	Basic Guidelines	
			04-07-2024	Toolbox Talk	General Safety	
			05-07-2024	Toolbox Talk	Grinder Safety	
			06-07-2024	Toolbox Talk	Civil Work Safety	
			12-07-2024	Toolbox Talk	PPE	
			13-07-2024	Toolbox Talk	Electrical Safety	
			16-07-2024	Toolbox Talk	Equipment, Machine and Tool Guards	
			17-07-2024	Toolbox Talk	General Safety	
			18-07-2024	Toolbox Talk	Excavation Safety	
			19-07-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			22-07-2024	Toolbox Talk	Working at Height, Fall Protection Anchor System	
			23-07-2024	Toolbox Talk	Fire Extinguisher	
		A	24-07-2024	Toolbox Talk	Hand Tools Safety	
		Agomoni	25-07-2024	Toolbox Talk	Head Protection	
			26-07-2024	Toolbox Talk	Housekeeping	
			27-07-2024	Toolbox Talk	Ladder Safety	
			29-07-2024	Toolbox Talk	Loading/Unloading Safety	
			30-07-2024	Toolbox Talk	Manual Handling	
			31-07-2024	Toolbox Talk	Permits To Work (PTW)	
			11-09-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			12-09-2024	Toolbox Talk	High Voltage Power Line Safety	
			13-09-2024	Toolbox Talk	Safety During Shuttering, Concreting	
			14-09-2024	Toolbox Talk	Rebar and Impalement Hazards	_
			16-09-2024	Toolbox Talk	Safe Use of Power Tools	
			18-09-2024	Toolbox Talk	Scaffold Safety, Falls from Height	
			19-09-2024	Toolbox Talk	Sharp Objects	
			20-09-2024	Toolbox Talk	Site Access and Egress	
			21-09-2024	Toolbox Talk	Electrical Safety	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			23-09-2024	Toolbox Talk	Material Handling	
			24-09-2024	Toolbox Talk	Basic Guidelines	
			30-09-2024	Toolbox Talk	General Safety	
			01-10-2024	Toolbox Talk	Grinder Safety	
			03-10-2024	Toolbox Talk	Civil Work Safety	
			04-10-2024	Toolbox Talk	PPE	
			07-10-2024	Toolbox Talk	Electrical Safety	
			08-10-2024	Toolbox Talk	Permits To Work (PTW)	
			09-10-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			14-10-2024	Toolbox Talk	High Voltage Power Line Safety	
			15-10-2024	Toolbox Talk	Safety During Shuttering, Concreting	
			16-10-2024	Toolbox Talk	Work Permit System	
			17-10-2024	Toolbox Talk	Proper use of portable Ladder	
			18-10-2024	Toolbox Talk	Temporary Electrical Safety	
			19-10-2024	Toolbox Talk	Alcohol Consumption	
			21-10-2024	Toolbox Talk	Grinder Safety	
			22-10-2024	Toolbox Talk	Combustible Materials	
			23-10-2024	Toolbox Talk	Defensive Driving	
			24-10-2024	Toolbox Talk	Proper use of portable Ladder	
			26-10-2024	Toolbox Talk	Proper use of portable Ladder	
			28-10-2024	Toolbox Talk	Temporary Electrical Safety	
			29-10-2024	Toolbox Talk	Alcohol Consumption	
			30-10-2024	Toolbox Talk	Grinder Safety	
			11-11-2024	Toolbox Talk	Combustible Materials	
			12-11-2024	Toolbox Talk	Defensive Driving	
			13-11-2024	Toolbox Talk	Dust Noise	
			14-11-2024	Toolbox Talk	Equipment, Machine and Tool Guards	
			15-11-2024	Toolbox Talk	Ergonomics at work	
			16-11-2024	Toolbox Talk	Excavation Safety	
			18-11-2024	Toolbox Talk	Proper use of portable Ladder	
			19-11-2024	Toolbox Talk	Hand Tools Safety	
			20-11-2024	Toolbox Talk	Head Protection	
			21-11-2024	Toolbox Talk	Housekeeping	
			22-11-2024	Toolbox Talk	Ladder Safety	
			23-11-2024	Toolbox Talk	Loading/Unloading Safety	
			25-11-2024	Toolbox Talk	Manual Handling	
			26-11-2024	Toolbox Talk	Permits To Work (PTW)	
			27-11-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			28-11-2024	Toolbox Talk	High Voltage Power Line Safety	
			29-11-2024	Toolbox Talk	Safety During Shuttering, Concreting	
			30-11-2024	Toolbox Talk	Work Permit System	
			02-12-2024	Toolbox Talk	Hand Tools Safety	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			03-12-2024	Toolbox Talk	Fire Extinguisher	
			04-12-2024	Toolbox Talk	Hand Tools Safety	
			05-12-2024	Toolbox Talk	Head Protection	
			06-12-2024	Toolbox Talk	Hand Tools Safety	
			07-12-2024	Toolbox Talk	Ladder Safety	
			09-12-2024	Toolbox Talk	Loading/Unloading Safety	
			10-12-2024	Toolbox Talk	Manual Handling	
			11-12-2024	Toolbox Talk	Permits To Work (PTW)	
			12-12-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			13-12-2024	Toolbox Talk	High Voltage Power Line Safety	
			14-12-2024	Toolbox Talk	Safety During Shuttering, Concreting	
			16-12-2024	Toolbox Talk	Rebar and Impalement Hazards	
			17-12-2024	Toolbox Talk	Safe Use of Power Tools	
			18-12-2024	Toolbox Talk	Scaffold Safety, Falls from Height	
			19-12-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			20-12-2024	Toolbox Talk	High Voltage Power Line Safety	
			21-12-2024	Toolbox Talk	Safety During Shuttering, Concreting	
			23-12-2024	Toolbox Talk	High Voltage Power Line Safety	
			24-12-2024	Toolbox Talk	Casting at Height Safety	
			25-12-2024	Toolbox Talk	Scaffold Safety, Falls from Height	
			26-12-2024	Toolbox Talk	Sharp Objects	
			27-12-2024	Toolbox Talk	Site Access and Egress	
			28-12-2024	Toolbox Talk	Unsafe Condition /Unsafe Act	
			30-12-2024	Toolbox Talk	Use Of Personnel Protective Equipment	
			31-12-2024	Toolbox Talk	High Voltage Power Line Safety	
			22/09/2024	Induction Training	Rule, Procedure and aware to site.	
			27/09/2024	Toolbox Talk	Use, wear and importance of safety belt.	
			28/09/2024	Toolbox Talk	Work at height.	
			03/10/2024	Toolbox Talk	Use, wear and importance of PPE.	
			06/10/2024	Toolbox Talk	Safety Motivational Story.	
			15/10/2024	Toolbox Talk	Scaffolding safety.	
					What is safety?	
			40/40/2024	T II T II	Types of safety.	
6	F	Gohpur	18/10/2024	Toolbox Talk	Importance of safety.	
					Responsibility of safety.	
			22/10/24	Toolbox Talk	Portable electric safety.	
			23/10/24	Toolbox Talk	Ladder safety.	
			24/10/24	Toolbox Talk	Safety Motivational Story.	
					What is near miss?	
			0.44.40.4		What is incident?	
			04/11/24	Toolbox Talk	What is accident?	
					What is dangerous occurrence?	

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks			
			05/11/24	Toolbox Talk	Unsafe act/ Unsafe condition.				
					What is accident?				
			06/11/24	Toolbox Talk	What is the root cause of accident?				
					How does accident affect You& your family?				
			07/11/24	Toolbox Talk	Safety Motivational Story.				
					Safety belt				
					Importance of safety belt.				
			08/11/24	Toolbox Talk	How to inspect safety belt?				
					Components name of safety belt.				
					How to wear safety belt correctly?				
			11/11/24	Toolbox Talk					
			13/11/24	Induction training	Rule, Procedure and aware to site.				
			15/11/24	Toolbox Talk	Sign, Signal & Barricade.				
			40/44/24	T T	Housekeeping				
			18/11/24	Toolbox Talk	Benefits of Good Housekeeping.				
					5'S' Rule				
			19/11/24	Toolbox Talk	What is 5'S'Rule?				
					How can we implement 5 'S' Rule to shine workplace?				
			23/11/24	Toolbox Talk	Safety Motivational Story.				
					Safety Motivational meeting conducted and taken oath for How have we to				
			27/11/24	Training	complete the year 2024 with zero accident?				
			30/11/24	Toolbox Talk	Hand tools & Power tools safety.				
			04/12/24	Toolbox Talk	Manual Material Handling.				
					What is Hazard?				
	06/12/24 10/12/24		06/12/24	Toolbox Talk	Types of hazard.				
					What is risk?				
			10/12/24	Toolbox Talk	Environmental safety.				
			13/12/24 Toolbox Talk		Safety Motivational Story.				
	17/12/24 Toolbox T 20/12/24 Toolbox T		17/12/24	Toolbox Talk	Hierarchy of control.				
			20/12/24	Toolbox Talk	Lock out/ Tag out				
			Toolbox Talk	What is LTI & Non LTI?					
		25/12/24 Toolbox Talk Emerg		Toolbox Talk	Emergency Action Plan.				
				What is lifeline?					
			28/12/24	Toolbox Talk	Types of life line?				
					Strength and dia of lifeline.				
					Safe anchorage point of lifeline.				
	G	Rangia-Kumarikata	17.07.2024	Induction Training	General Safety				
			22.07.2024	Induction Training	General Safety				
			02.08.2024	Induction Training	General Safety				
			03.08.2024	Induction Training	General Safety				
			13.08.2024	Induction Training	General Safety				
			19.08.2024	Induction Training	General Safety				

Sl. No.	Packages	Name of Substation	Date	Type (Induction/Meeting/ Toolbox Talk)	Topic and details of the Safety Induction/Meeting/Toolbox Talk	Remarks
			27.10.2024	Induction Training	General Safety	
			28.10.2024	Induction Training	General Safety	
			06.11.2024	Induction Training	General Safety	
			22.11.2024	Induction Training	General Safety	
			20.12.2024	Induction Training	General Safety	
			24.12.2024	Induction Training	General Safety	
	27.12.2024 19.122024		27.12.2024	Toolbox Talk	Reinforcement bar binding work safety	
			Toolbox Talk	What is fire & how to use fire extinguisher		
			26.12.2024	Toolbox Talk	Bar binding & welding	

Appendix 15 - Accident monitoring during the period of July to December, 2024

SI. No.	Packages	Name of Substation	Date of accident	Location of accident	Type of accident (First Aid Case/Minor Accident; Loss Time Accident/Serious Accident requiring hospitalization and time away from work; and Fatalities)	Short description of accident	Measures to prevent occurrences/ Action taken
1	A		05/07/2024	GIS	First Aid Case	Minor Cut on the right knee	First Aid given and Provided Hand gloves.
		Jakhalabandha -	06/07/2024	GIS	First Aid Case	Scratch on the right leg	First Aid given and gave instruction to wear full pant always.
			10/08/2024	CRB building	First Aid Case	Minor scratch on the right hand	First Aid given and Provided Hand gloves.
			24/08/2024	GIS hall	First Aid Case	Minor Cut on the right leg	First Aid given and gave instruction to wear full pant always.
			06/09/2024	GIS hall	First Aid Case	Minor Scratch on the right leg	First Aid given and gave instruction to wear full pant always.
			21/10/2024	CRB	First Aid Case	Minor Scratch on the right hand	First Aid given and Provided Hand gloves.
			16/11/2024	GIS hall work area	First Aid Case	Minor Cut on the right-hand finger	First Aid given and Provided Hand gloves.
		Bihpuria	23/07/2024	Fire wall	First Aid Case	Leg pain while bending heavy rods	Voline was provided
			29/07/2024	C.R.B	First Aid Case	Hand scratch while steel binding and fixing	Gloves was provided
			06/08/2024	Staff Hostel	First Aid Case	Back pain while bending heavy rods	Voline was provided
			24/08/2024	C.R.B	First Aid Case	Hand scratch while steel binding and fixing	Gloves was provided
			12/09/2024	Staff Hostel	First Aid Case	Minor cut injury on hand while steel binding and fixing	Gloves was provided
			23/09/2024	Staff Hostel	First Aid Case	Back pain while bending heavy rods	Voline was provided
			10/12/2024	Staff Hostel	First Aid Case	Minor cut injury on hand while steel binding and fixing	Gloves was provided
2	В	Nagaon 2	06/07/2024	CRB	First Aid Case	Minor cut occurred in elbow when slipped and fall during material shifting	First aid given by Uday .P.Singh and Safe manual handling training given to worker to avoid reoccurrence.
			29/09/2024	Camp	First Aid Case	Right leg ankle got twisted while moving towards camp through uneven surface.	First aid given by Uday.P.Singh and X-ray done at nearby clinic.
			03/11/2024	GIS Building	First Aid Case	Minor cut injury in finger during steel shifting	First aid given by Uday P Singh, Tetanus injection given at nearby clinic and worker instructed to use hand gloves
			28/12/2024	Boundary wall	First Aid Case	Small cut injury occurred in Thumb during brick work at boundary wall	First aid given to the worker and Provided Hand gloves.
		Chaygaon	27/07/2024	CRB	Minor cut on hand thumb	While plastering CRB	Hansplast used and cotton hand gloves provided
			31/07/2024	C.R.B	Minor scratch on chick	Steel banding	Bandage with betadine solution
			31/08/2024	PTR Foundation	Minor scratch on leg	While bending heavy rods	Safety shoes was provided
			09/09/2024	PTR Foundation	Hand minor cut	While shuttering work	Gloves was provided
			18/09/2024	GIS	Minor scratch on Sholder	Steel binding	Hansplast provided
			02/10/2024	Cement unloading	Minor scratch on thigh	Unloading	Roll bandage cotton with betadine solution

			21/10/2024	Cable trunch	Nail pinch in hand	Shuttering work	Band-aid provided		
			27/10/2024	Cable trunch	Binding wire pinch in hand	Shuttering work	Hand gloves provided		
			15/11/2024	GIS	Finger press under the shuttering pipe	Shuttering work	Roll Bandage with betadine		
			18/11/2024	GIS	Nail pinch on hand	Cable trunch shuttering	Roll bandage with betadine		
			25/11/2024	CRB	Small cuts on finger	Cable trunch shuttering	Provided hand gloves		
			12/12/2024	CRB	Hand minor cut	While steel binding and fixing	Gloves was provided		
			19/12/2024	Steel cutting	Scratch on left hand thumb	Steel cutting	Gloves was provided		
		B 11	15/07/2024	CRB Building	First aid case	Cut on the finger	Dettol, molom ,betadine ,bandage		
3	С	Burhigaon	12/10/2024	GIS building	Hospitalization	Eye problem	Eye drops		
			06/08/2024	Khumtai substation	First Aid Case	A minor cut on left hand finger during steel binding work	Provided Hand gloves.		
4	D	Khumtai	26/10/2024	Khumtai substation	First Aid Case	A labour name Noorabbin got a nail pricked on his right toe while going to lunch at 1:00 Pm	Proper housekeeping done at site.		
			22/11/2024	Khumtai substation	First Aid Case	Nahi pricked on left toe	Replace poor quality shoes		
		Carlanda	28/12/2024	Khumtai substation	First Aid Case	A minor cut on left hand middle finger during steel banding	Provided Hand gloves.		
			11/07/2024	Transformer wall area.	First Aid Case	Minor cut in Left hand finger.	First Aid given and Provided Hand gloves.		
5	E	Sankardev nagar	21/10/2024	GIS Building.	First Aid Case	Minor Screech in Right Hand Finger	First Aid given and Provided Hand gloves.		
	F	Agomoni	There has been no Accident during this reporting period.						
			06/10/2024	CRB	First aid case	Minor cut injury in the left-hand finger during shuttering work.	First aid given and Provided Hand gloves.		
6		Gohpur	16/10/2024	GIS Hall	First aid case	Minor cut injury in the right hand during (doing fast work during shift end time) scaffold erecting work.	First aid given and Aware for worker to do work in a safe manner don't do work fast during lunch and shift end time.		
			11/11/2024	CRB	First aid case	Foot injury (due to lift overload material) during Brick shifting work.	first aid given and conducted TBT training on safe Manual Material Handling.		
			22/11/2024	GIS	First aid case	Cut injury in the right hand finger during slab steel binding work.	First aid given and replace torn hand gloves and given to new hand gloves.		
			12/12/2024	CRB	First aid case	Pierced the nail in his foot during material shifting work.	First aid given and suggest to do proper housekeeping on site and TBT training conducted on housekeeping.		
7	G	Rangia-Kumarikata	26/12/2024	Fabrication yard	Hand minor cut	While steel binding and fixing	Gloves was provided		