



Environmental Monitoring Report

PUBLIC

Semestral Report: February 2023 – July 2023
June 2024

India: Assam Skill University Project

Prepared by Assam Skill Development Mission (ASDM) for the Government of Assam (GOA) and the Asian Development Bank (ADB).

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Asian Development Bank

Semi Annual Environmental Monitoring Report

Reporting period: February 2023 - July 2023

ADB Project Number: 53277

Loan number: 4166

SFG Log: 5947

India: Assam Skill University Project

March 2024

Prepared by Assam Skill Development Mission (ASDM) for the Government of Assam (GOA)
and the Asian Development Bank

ABBREVIATIONS

ADB	-	Asian Development Bank
ASDM	-	Assam Skill Development Mission
ASI	-	Archaeological Survey of India
ASU	-	Assam Skill University
CPCB	-	Central Pollution Control Board
CSQA	-	Construction Supervision and Quality Assurance
DMP	-	Disaster Management Plan
EA	-	Executing Agency
EIA	-	Environmental Impact Assessment
EMP	-	Environmental Management Plan
GoA	-	Government of Assam
Gol	-	Government of India
GRC	-	Grievance Redress Committee
GRM	-	Grievance Redress Mechanism
IEE	-	Initial Environment Examination
IA	-	Implementing Agency
MOEFCC	-	Ministry of Environment, Forest and Climate Change
PMC	-	Project Management Consultant
PMU	-	Project Management Unit
PSC	-	Project Steering Committee
PUC	-	Pollution Under Control
PWD	-	Public Works Department
REA	-	Rapid Environmental Assessment
SEIAA	-	State Environment Impact Assessment Authority
SEED	-	Skill, Employment and Entrepreneurship Department
SPS	-	Safeguard Policy Statement
STP	-	Sewage Treatment Plant

CURRENCY EQUIVALENTS

(As of 6 March 2024)

Currency unit – Indian rupee (Rs)

Rs1.00 = \$0.012071

\$1.00 = Rs 82.84

WEIGHTS AND MEASURES

µg	–	microgram
dB(A)	–	weighted decibel
km	–	kilometer
km ²	–	square kilometer
m	–	meter
m ²	–	square meter

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TABLE OF CONTENTS

INTRODUCTION	01
A. Background	01
B. Project Profile	01
II. ENVIRONMENTAL ASSESSMENT AND REVIEW PROCEDURE	03
A. Environmental Legal Requirements	03
B. Compliance With Environmental Regulations	04
C. Compliance of Environmental Loan Covenants	04
D. Environmental Organization and management	05
III. COMPLIANCE STATUS WITH IEE AND EMP	06
A. EMP and Monitoring Plan Objective	06
B. Incorporation of Environmental Requirement In Project Contractual Arrangement	06
IV. APPROACH AND METHODOLOGY ENGAGED FOR ENVIRONMENTAL MONITORING OF THE PROJECT	32
V. MONITORING OF ENVIRONMENTAL RECEPTORS / ATTRIBUTES	32
A. Monitoring Basis	17
B. Types of Environmental Receptors / Attributes to be Monitored	17
VI. IMPLEMENTATION OF ENVIRONMENTAL MONITORING PLAN AND MONITORING RESULTS	32
VII. ANY OTHER ENVIRONMENTAL ASPECTS, IMPACT OBSERVED DURING IMPLEMENTATION WHICH WERE NOT COVERED EARLIER	33
VIII. DETAILS OF COMPLAINTS RECEIVED FROM PUBLIC AND ACTION TAKEN THEREOF TO RESOLVE	33
IX. FOLLOWUP ACTIONS AND CONCLUSIONS	33
X. STAKEHOLDER CONSULTATION AND DISCLOSURE	35
A. Process of Consultation followed	35
B. Future Consultation and Information Disclosure	37

LIST OF ANNEXURES

Annexure-1: Photographs and Attendance Sheets of consultations	44
Annexure-2: Capacity Building on Environmental Safeguard	52
Annexure-3: ADB Review Mission and IGBC Team Visit	54
Annexure-4: Grievance Redressal Mechanism-ASUP	56
Annexure-5: Quarterly environmental monitoring results	60
Annexure-6: Contract Labour License CW01	71
Annexure-7: Contract Labour License CW02	72
Annexure-8: Migrant Labour License CW02	73
Annexure-9: No Objection Certificate (NOC) for Ground Water Abstraction CW01	74
Annexure-10: No Objection Certificate (NOC) for Ground Water Abstraction CW02	75
Annexure-11: Source approval of construction materials by CW02	76
Annexure-12: NOC for Guest house building (and others) from From Municipal Development Authority, Mangaldai	85
Annexure-13: Batching Plant Consent To Operate From Pollution Control Board, Assam	86
Annexure-14: ASU- Consent to Establish (CTE) From Pollution Control Board, Assam	89
Annexure-15: Insurance Policy CW01 (Workmen compensation)	92
Annexure-16: Insurance Policy CW02 (Workmen Compensation)	97
Annexure -17: Present condition of labour camp at site	102
Annexure-18: Health & Safety practices at site	95

LIST OF TABLES

Table-1: Latitude and Longitude of the ASU Site	01
Table-2: Distance of Important Destinations from ASU Site	01
Table-3: Project Overview, Snapshot of Project Progress	02
Table-4: Progress Work of Each Sub Project	02
Table-5: Status of compliance with loan covenants relating to Environment	04
Table-6: Status of Compliance to EMP of Boundary wall Contract (CW01)	08
Table-7: Status of Compliance to EMP of Campus and facilities package (CW02)	19
Table-8: Quarterly Monitoring results	36
Table-9: Actions points reported in the previous SEMR (Aug22-Jan 23) & status	39
Table -10: Action points based on environmental performance review of the reporting period (Feb-July23) and action taken	40
Table-11: Dates and Stakeholders Consulted	42

LIST OF FIGURES

Figure-1: Grievance Redressal Mechanism-ASUP	05
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I. INTRODUCTION

A. Background

1. The objective of the Assam Skill University Project (ASUP) is to strengthen industry-aligned and flexible skills education and training system in Assam by developing management and operating systems, business models, faculty development and management systems for Assam Skill University (ASU); developing environmentally sustainable and climate resilient ASU campus and facilities; designing and delivering industry-aligned and flexible skills education and training programs; developing the capacity to manage and support entrepreneurship, applied research and development, and technology transfer; and improving access to professional development and skills education and training resources for technical and vocational education and training and higher education institutions in Assam, the northeastern region, and neighboring countries. The Skill, Employment and Entrepreneurship Department (SEED) of the Government of Assam (GoA) will be the executing agency (EA) and Assam Skill Development Mission (ASDM) will be the implementing agency (IA) of the project. ASDM has established a project management unit (PMU) to carry out day-to-day project management activities. To achieve the above-mentioned objective; it is proposed to support the design and construction of a new green field ASU on 82.737acre (250 Bigha) land (334828.083 m²) plot near Mangaldai in Darrang district.

B. Project Profile

2. **Location.** The proposed location of ASU is near Mangaldai in Darrang district of Assam. The latitude and longitude of the ASU site are given below, and coordinates of newly added area central point are also given. Further, a detailed map having coordinates marked on boundary of current plot is given in the next section of the report.

Table 1: Latitude and Longitude of the ASU site

Sl. No.	Name of Facility	Latitude	Longitude
1	Assam Skill University	26°25'21.36"N	92° 0'53.93"E
2	Assam Skill University Newly added area (150 Bigha)	26°42'0.69"N	92° 0'12.99"E

3. The nearest rail head to Mangaldai is Tangla at about 35 km and Rangia Junction 48 km away from the ASU site. The project site is well connected to important destinations such as Guwahati, New Jalpaiguri, Rangia and Nalbari. The distances of important destinations are given below:

Table 2: Distances of important destinations from ASU site

Sl. No.	Name of Facility	Altitude(m)	District	Distance from ASU site
1.	ASU	51.24	Darrang	Guwahati : 70 Km Airport : 72 Km Guwahati City : 107 Km Tezpur : 68 Km Nalbari : 52 Km IIT Guwahati : 43 Km Udalguri : 303 Km Alipurduar : 323 Km Cooch Behar : 5 Km Darrang : 123 Km Barpeta : 141 Km Morigaon : 141 Km

4. The proposed Skill University site is a vacant land in the ownership of Assam Skill

University (ASU), Government of Assam. The Darrang district geographically lies between the latitude 20° 9' N to 26.96° North and longitude 91° 45' E to 92° 22' East.

5. Civil works for Assam Skill University project have been classified as Category B according to the Safeguard Policy Statement (SPS), 2009 of ADB as no significant impacts are envisioned. An Environmental Management Plan (EMP) which addresses the potential impacts and risks identified by the environmental assessment has been prepared. The level of details and complexity of the EMP and the priority of the identified measures and actions are commensurate with the Project's impact and risks. The EMP is part of bidding and contract documents to comply with ADB's SPS, 2009.

6. The project has Two Civil Contracts CW- 01 Land preparation and boundary wall for ASU campus and CW- 02 Detailed design and construction of ASU campus and facilities. Project overview and project progress are summarized in the Tables 3 & 4.

Table 3: Project Overview, Snapshot of Project Progress

Project Number and Title:	Project Number: 53277 Loan: 4166-IND Title: Assam Skill University Project	
Safeguards Category	Environment	B
Reporting period:	Feb 2023-July 2023	
Next report date:	February 2024	
Key sub-project activities	<ul style="list-style-type: none"> Land preparation and boundary wall for ASU campus (CW-01) Detailed design and construction of ASU campus and facilities (CW-02) 	
Report prepared by:	PMU, assisted by PMC environmental safeguards specialist	

7. Details of project activities at the end of July 2023 are presented in Table 4.

Table 4: Progress work of each sub-project

S L · N O ·	CONTRACT NO.	CONTRACT NAME	CONTRACTOR	STATUS	AWARD DATE	COMPLETION DATE	% COMPLETION OF PHYSICAL WORK AS ON 31/07/2023
1.	CW- 01	Land preparation and boundary wall for ASU campus	M/s A. S. Enterprise	Work In Progress	30 th September 2021	13 Oct 2023	42
2.	CW- 02	Detailed design and construction of ASU campus and facilities	M/s Pawan Communication Pvt. Ltd. in JV with Brahmaputra Infrastructure Ltd.	Work In Progress	2 nd November 2021	2 nd Nov 2024	6.9

3	CW-03	Establishment, Operation and Management of Interim Campus	Not awarded	DPR and IEE approved	-	-	-
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8. This Semi-Annual Environment Monitoring Report presents the status of the project implementation, details of compliance with environmental regulations of the Government and policies of ADB, details of compliance with environmental loan covenants, details of complaints received and their redress and the status of compliance with various aspects of EMP.

9. Monitoring compliance with EMP is a continuous activity carried by the PMU & PMC. Guidelines on general construction EHS measures to be followed / implemented by the Contractors have been issued to the contractors on compliance with EMP have been provided. There is compilation of EMP compliance on monthly basis. This is the consolidated report on implementation of Environmental Management Plans (EMPs) of individual subprojects from February 01, 2023 to July 31, 2023, and is prepared in compliance with ADB SPS 2009 and Loan Covenants.

II. ENVIRONMENTAL ASSESSMENT AND REVIEW PROCEDURE

A. Environmental Legal Requirements

10. Following Regulations are currently in force in India that deals with environmental issues that could apply to infrastructure development. Acts and Rules pertaining to monuments and archeological sites are also listed herein.

- i. The Water (Prevention and Control of Pollution) Act, 1974, amended thereof.
The Water (Prevention and Control of Pollution) Rules, 1975
The Water (Prevention and Control of Pollution) Cess Rules, 1978
- ii. The Air (Prevention and Control of Pollution) Act, 1981, amended 1987.
The Air (Prevention and Control of Pollution) Rules, 1982.
- iii. The Environmental (Protection) Act, 1986, was amended in 1991 and including the following Rules/Notification issued under this act.
 - The Environmental (Protection) Rules, 1986, including amendments.
 - The Solid Waste Management Rules, 2016
 - The Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016
 - The Bio-Medical Wastes (Management) Rules, 2016
 - Noise Pollution (Regulation and Control) Rules, 2000
 - Environmental Impact Assessment Notification, 2006 and amended thereof.
 - Environmental Standards of Central Pollution Control Board (CPCB)
- iv. The Indian Wildlife (Protection) Act, 1972, amended thereof.
The Wildlife (Protection)) Rules, 1995
- v. The Indian Forest Act, 1927
- vi. Forest (Conservation) Act, 1980, amended thereof.
Forest (Conservation) Rules, 1981 amended thereof.
Guidelines for diversion of forest lands for non-forest purpose under the Forest (Conservation) Act, 1980
- vii. Ancient Monuments and Archaeological Sites and Remains Act, 1958
Ancient Monuments and Archaeological Sites and Remains Rules 1959

Government of India Notification 1992 under the above stated Rules
Ancient Monuments and Archaeological Sites and Remains (Amendment and Validation) Act, 2010
Ancient Monuments and Archaeological Sites and Remains (Amendment and Validation), Rules 2011.

B. Compliance with Environmental Regulations

11. India's environmental rules and regulations, as relevant for the construction of ASU project, are described in Section A above. The Environmental Impact Assessment (EIA) Notification, 2006 issued by the Ministry of Environment, Forests and Climate Change (MOEFCC, GOI) specifies the requirements for mandatory environmental clearances. All projects and activities are broadly categorized into two categories—category 'A' and category 'B', based on the spatial extent of potential impacts on the environment, human health, and natural and man-made resources. However, MOEFCC's Notification- S.O. 3252, dated 22/12/2014 exempts all educational and training institutes from obtaining prior environmental clearance. Since all the ASU components to be constructed including the boundary wall construction will not require any prior environmental clearances according to the environmental rules and regulations of India. Necessary compliance for borrow earth from the GoA owned land in terms of submission of royalty is carried out by CW02 contractor.

12. Consent to Establish (CTE u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 has been obtained for Batching Plant and DG set. The ASU Project CTE follow up with SPCB is under progress¹. The project does not require any other prior clearances (such as Forest and Wildlife clearance as no forest land is acquired by ASU) under any environmental regulations. The labour licenses and insurances are obtained for both the construction packages of the ASU project. The construction materials are being procured from sources compliant with environmental regulations of Gol and GoA.

C. Compliance of Environmental Loan Covenants

13. Table 5 shows the environmental safeguard related loan covenants and their compliance status in implementation. All the covenants are being complied with.

Table 5: Status of Compliance with loan covenants relating to environment

SL.NO.	Covenant	LA Reference	Status
1.	The Borrower shall ensure, or cause the EA to ensure, that no works contract is awarded which involves environmental impacts until the EA has: (a) prepared, submitted and obtain final approval of the IEE from ADB and the relevant forest and environmental clearance from statutory authorities of the borrower and the state as applicable, and (b) Incorporated the relevant provisions from the EMP into the related Works contract.	Schedule 4, Para 8	Complied
2.	The Borrower shall ensure, or cause the EA to ensure, that the preparation, design, construction, implementation, operations and decommissioning of the Project and all project facilities shall comply with (a) all applicable laws and regulations of the Borrower and the state relating to environment, health and safety; (b) the Environmental Safeguards. (c) all measures and	Schedule 4, Para 10	Complied

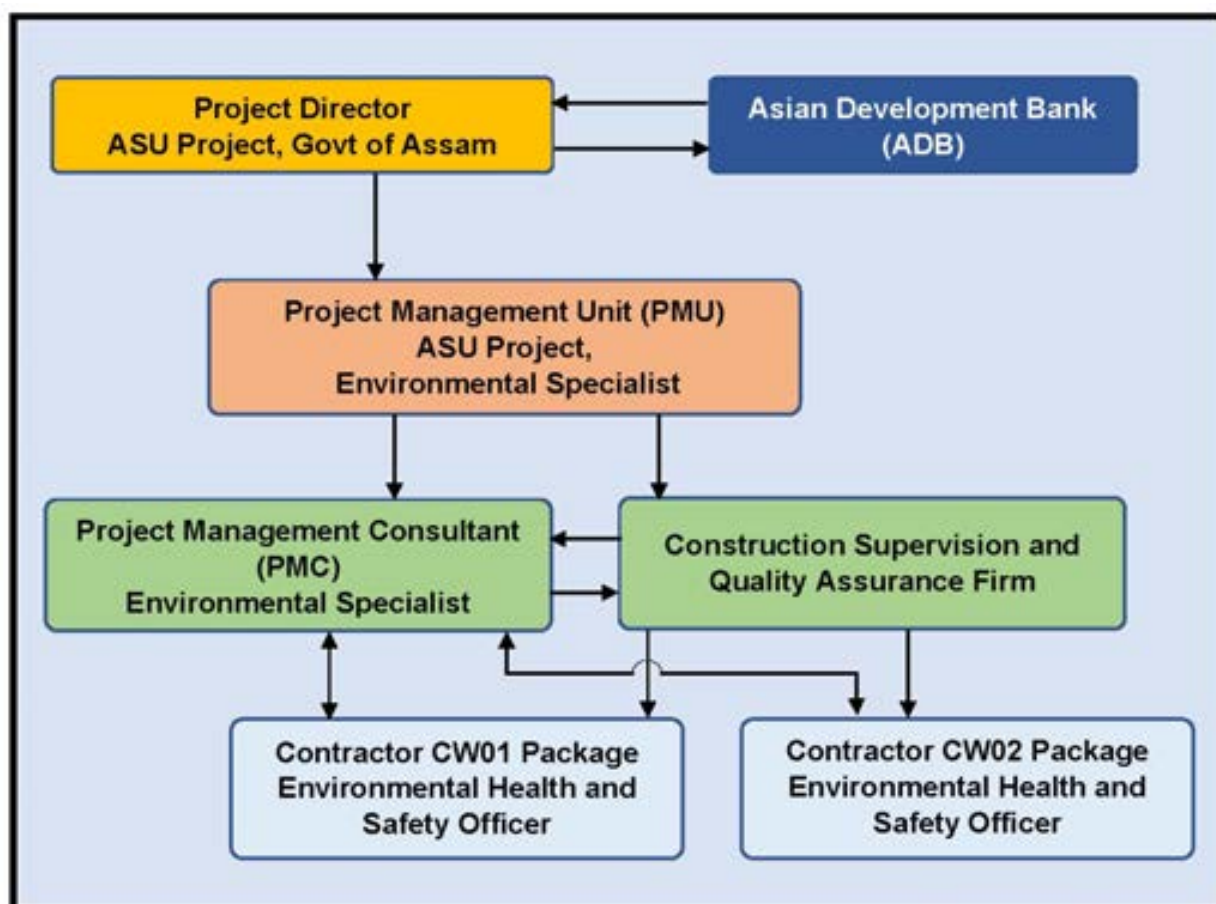
	requirements set forth in the IEE and the EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.		
3	The Borrower shall ensure, or cause the EA to ensure, that all necessary budgetary and human resources to fully implement the EMP and the IPP as required, are made available on a timely basis.	Schedule 4, Para 13	Complied, PMU have resources for social and environmental safeguards (along with CS01 Environment expert and CS02 team leader) Budget for EMP compliance is indicated in the Civil Contracts

1. CTE for the ASU has been obtained in August 2023 after the end of reporting period.

D. Environmental Organization and Management

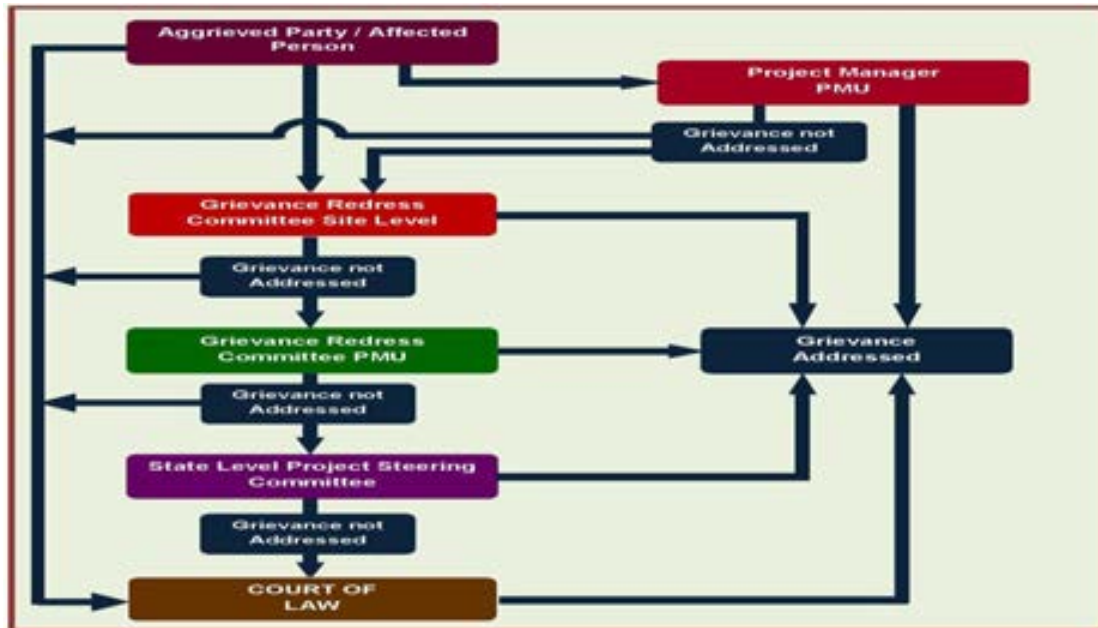
14. The main agencies involved in managing and implementing the Assam Skill University are: The Skill, Employment and Entrepreneurship Department (SEED) of GoA is the EA. The Assam Skill Development Mission (ASDM) is the IA. The ASDM has established a project management unit (PMU) for the overall project implementation. The PMU Environment Specialist is being supported by the PMC and CSQA firm. The PMC team is a multi-disciplinary team including environmental specialist having thorough knowledge of environmental rules and regulations of the State and GoI and other environmental management aspects. The PMC firm has been mobilized. The CSQA firm for construction supervision and quality assurance has also mobilized for the project. The contractors also have designated one environment, health and social safeguard officer. The PMU, ASUP is responsible for overall planning and implementation of the civil works with the assistance of PMC and CSQA firm. The IA ensures that the ASU and all activities financed under the ADB comply with environmental rules and regulations of GoI and GoA and ADB SPS 2009. The organization chart showing EMP implementation in the ASU project is shown below in Figure-1.

Figure-1: Organization Chart for Environmental Management in ASU Project



15. A grievance redress committee (GRC) has been formed at the site and also at PMU level to register grievances regarding technical, social and environmental issues. The detailed grievance redressal mechanism for ASUP has been approved by ADB and SEED, attached in Annexure 4. The complainant can approach court of law any time during the grievance redress process. The cost for the operation of GRM will be accounted for in project cost as part of PMU operation. The grievance redress mechanism for the project is shown below in Figure 2.

Figure 2. Grievance redressal mechanism for ASU Project



1. The complainant can approach court of law any time during the grievance redress process.

III. COMPLIANCE STATUS WITH IEE & EMP

A. EMP and Monitoring Plan Objectives

16. The EMPs outline the mitigation and monitoring to be undertaken during project implementation and operation to avoid, minimize, or control adverse environmental and social impacts, as well as the actions and resources needed to implement these measures. The EMP reflects the commitment to environmental management and shall serve as an environmental operation manual for use by management and project staff, contractors, and regulatory authorities. The EMP shall ensure that the national environmental quality standards for air, water, and noise quality are complied with during the construction and operation phases of the project.

B. Incorporation of Environmental Requirements in Project Contractual Arrangements

17. It is noted that environmental considerations have been incorporated in the design, bidding documents, and civil works contracts to ensure environmentally responsive procurement. The cost of all mitigation measures during construction have been included in all bidding documents and signed contracts. The EMP was also attached to all the signed contracts. For compliance with EMP requirements (Environmental Performance) for Assam Skill University Project, it has been illustrated clearly in Table 6 and 7.

Table 6: Status of Compliance to EMP of Boundary wall Contract- CW01:

A. Preconstruction phase							
Sl. No.	Environmental Issues	Mitigation Measures	Status of Compliance			Remarks/ Action taken	Follow up actions proposed on previous SEMR
			Yes	No	NA		
1	Lack of sufficient planning to assure long term sustainability of the improvements and ensure protection of the assets created	Design has included provisions for ensuring effective maintenance and protection of boundary wall so as to ensure the long-term sustainability. The long-term sustainability has been ensured by taking into consideration appropriate Bureau of Indian Standards Codes (BIS) for design, Seismic Zone V coefficient, appropriate wind load factor (corresponding to 39 m/s wind speed), and detailed design after completing topographic survey of ASU site. The site drainage system has been designed based on local conditions, flooding data of Brahmaputra River and hydrological study	√			Boundary wall has been designed by IIT Guwahati considering the sustainability factors. Appropriate BIS coefficient for Zone V earthquake has been used. Site drainage has been designed for the campus and approved for implementation during the construction.	None
2	Layout of components to avoid impacts on the aesthetics of the project site and surroundings	The boundary wall will not have any adverse impacts on aesthetics of site as there will be only erection of boundary wall. However, boundary wall exterior looks will match the local building exteriors in the project region. The additional length of boundary wall added due to additional 40 Bigha area will also be constructed with the same specifications as per planned for tendered length.	√			Boundary wall design has been done accordingly and will not have adverse impacts on aesthetics of project site surroundings.	None
3	Increased storm water runoff from alterations of the site's natural drainage patterns due to landscaping, excavation works, Construction of parking lot, and	The boundary wall construction will not increase any significant paved surface. But subsequent layout finalization and design of ASU will take care of site storm water runoff quick disposal through effective drainage plan.	√			Boundary wall design has considered site's natural drainage patterns due to landscaping, excavation works, etc. The storm water drainage master plan has been submitted by CW02 contractor for the entire ASU project. This	None

	addition of paved surfaces					will be applicable for this package also.	
4	Consents, permits, clearances, no objection certificate, (NOC), etc.	Obtain all necessary consents, permits, clearances, NOCs, etc. prior to start of civil works. Acknowledge in writing and provide report on compliance, all obtained consents, permits, clearances, NOCs,	√			Land NOC received NOC for Wild Life & Forest from State Forest Department – received Labour license updated for 60 workers. Till reporting period the number of laborers deployed at site continued to remain within the labor license provisions. Ground water abstraction approval-received	Contractors instructed to update Labour Insurance Policy & Labour License for adequate number under CW01 contract as workers in future likely to increase. Ground water abstraction NOC to be taken by contractor
5	Establishment of baseline environmental conditions prior to start of civil works	Conduct documentation of location of components, areas for construction zone (camp, staging, storage, stockpiling, etc.) and surroundings (within direct impact zones). Include photos and GPS coordinates. Carry out environmental monitoring at project site for ambient air quality, water quality and noise levels to establish baseline environmental monitoring for the parameters indicated in the monitoring plan	√ √			Carried out as per EMP and approved monitoring plan Baseline monitoring completed as per monitoring plan.	Environmental parameters to be monitored quarterly as per the monitoring plan.

6	Utilities	<p>The locations and operators of utilities to be impacted for the boundary wall construction should be identified and documented in detailed design documents to prevent unnecessary disruption of services during the construction phase.</p> <p>Require contractor to prepare a contingency plan to include actions to be done in case of unintentional interruption of services.</p> <p>Obtain from the site team of PMU the list of affected utilities and operators.</p> <p>If relocation is necessary; contractor will coordinate with the providers to relocate the utility.</p>	√			<p>Contingency plan prepared by contractor</p> <p>No shifting of utilities till reporting period.</p>	None
7	Social and cultural resources	Develop a protocol for use by the contractors in conducting any excavation work, to ensure that any chance finds are recognized and measures are taken to ensure they are protected and conserved	√			<p>Chance find protocol</p> <p>Protocol prepared by PMC and PMU</p>	None
8	Construction camp locations, selection, design and layout	<p>Sitting of the construction camp, if required, at project site shall be as per the guidelines below and details of layout to be approved by PMU.</p> <p>The potential sites for labor camp and construction camp shall be identified by the contractor and this identified site shall be visited by the environmental specialist of PMU and one having least impacts on environment will be approved by the PMU. As far as possible, construction camp and labor camp will be established within the boundary of plot for the project to avoid impacts on private land.</p> <p>Locations for storage of construction materials shall be identified at the site or at existing buildings in the Mangaldai town. Sanitation facilities at construction camps shall be adequately planned.</p>	√	√		<p>Labor camp construction completed after proper identification and approval of sites by PMU and PMC specialists.</p> <p>Storage sites of construction materials identified. Sanitation facilities adequately planned.</p>	<p>None</p> <p>The contractor needs to ensure sanitation facilities.</p>

9	Sources of construction materials	Use quarry sites and sources compliant with environmental regulations of India at the national, state and local levels. Verify suitability of all material sources and obtain approvals from PMU. Submit to PMU on a monthly basis documentation of sources of materials.	√			Some of the materials requiring in small quantities are sourced from market. No document of environmentally compliant sources of materials submitted by the contractor. The quantities of construction materials consumed till the end of reporting period are as given below Sand =550.07 m3 Aggregates 20 mm Size=516.69 m3 Aggregates 10 mm size =344.46 m3	Obtain source approvals of construction materials. The contractor needs to submit EC and or/CTO copy of sources from where materials are being procured.
10	Access for construction material transportation	Plan transportation routes so that heavy vehicles do not use narrow local roads, except in the immediate vicinity of ASU project site. Schedule transport and hauling activities during non- peak hours. Locate entry and exit points in areas where there is low potential for traffic congestion. Keep the site free from all unnecessary obstructions. Drive vehicles in a considerate manner. Coordinate with the Traffic Police Department for temporary road diversions and for provision of traffic aids if transportation activities cannot be avoided during peak hours.	√			Contractor complying with the project Traffic Management Plan	None
11	Occupational health and safety	Comply with IFC EHS Guidelines on Occupational Health and Safety. Develop comprehensive site-specific health and safety (H&S) plans. The overall objective is to provide guidance to contractor on establishing a management strategy and applying practices that are intended to eliminate, or reduce, fatalities,	√			H&S plan submitted by Contractor, reviewed by PMU and PMC. NOC for H&S Plan provided by Project Manager of the PMU.	Worker number needs to be increased for insurance policy as numbers may increase in future.

		injuries and illnesses for workers performing activities and tasks associated with the project. Include in H&S plan measures such as: (i) type of hazards at construction site;(ii) corresponding personal protective equipment for each identified hazard; (iii) H&S training for all site personnel;(iv) procedures to be followed for all site activities; and (v) documentation of work-related accidents. Take necessary measures for the protection of COVID- 19. Provide medical insurance coverage for workers.				Implementation of the H&S plan being carried out at the site. H&S training for all site personnel conducted. The contractor is maintaining accident register to record mishaps at site and actions taken. The contractor is yet to receive medical insurance for all workers.	The contractor is also instructed for modification of the insurance policy obtained under the Workmen Compensation Act, 1923 for inclusion of medical insurance for all workers.
12	Stakeholder consultations	Continue information dissemination, stakeholder consultations, and involvement of stakeholders during project implementation	√			Conducted	Conduct stakeholder consultations

B. Construction Phase							
1	Sanitation and drinking water facilities at construction camp	The contractor shall provide adequate sanitation facilities at the camp site. These facilities will include dust bins in adequate numbers for solid waste collection, drinking water facilities, and separate toilets for male and females. These toilets facilities shall be well maintained, and septic tanks/soak pits shall be provided at the toilets. The dust bins shall be regularly emptied and waste from camp site shall be disposed off at designated locations.	√			Sanitation facilities like dust bins in adequate numbers for solid waste collection, drinking water facilities, and toilets with septic tank at the campsite provided.	Contractor needs to improve the construction camp, kitchen & toilet facilities.
2	Traffic circulation plan during construction phase	Prior to commencement of site activities and mobilization on ground, the contractor will prepare and get approved (from the PMU site team and local traffic police) traffic circulation plan during construction for safe passage of public vehicles so that locals are not at inconvenience. The contractor with support of the PMU site team will carry out dissemination of these information and circulation plan at boundary wall construction site	√			Traffic circulation plan being implemented at site.	None

3	Clearance activities, including delineation of construction area	<p>Only ground cover shrubs, if any, that impinge directly on the permanent works or necessary temporary works shall be removed with prior approval from the Environmental Experts of PMU.</p> <p>All areas used for temporary construction operations will be subjected to complete restoration to their former conditions with appropriate rehabilitation procedures. The photographic records shall be maintained for the temporary sites used for construction. These will help in proper restoration.</p>	√		√	<p>The presence of shrubs along the boundary wall alignment was minimal at site.</p> <p>Sites will be restored after completion of works so this is not applicable for the reporting period.</p>	None
4	Drinking water availability at Construction camp and construction site	Sufficient supply of potable water to be provided and maintained. If the drinking water is obtained from an intermittent public water supply, then storage tanks will be provided. For this, contractor will submit plans which detail how availability of drinking water shall be assured. In case it is obtained from the natural spring then permission from local authorities shall be obtained	√			Supply of potable water provided and maintained at site.	None
5	Waste disposal (construction wastes including muck and bentonite slurry during doing piling)	<p>The pre-identified disposal location shall be part of comprehensive waste disposal plan. Solid waste management plan to be prepared by the contractor in consultation with local civic authorities.</p> <p>The environmental specialist of PMU shall approve these disposal sites after conducting a joint inspection on the site with the contractor.</p> <p>Contractor shall ensure that waste shall not be disposed off near water stream in the surroundings of site and along the access path.</p>	√			<p>Solid waste management plan has been prepared by contractor and this is being implemented.</p> <p>Disposal sites identified, inspected by PMU and PMC environmental specialist</p> <p>No disposal of waste outside ASU plot boundaries.</p>	Construction waste and surplus earth management to be ensured
6	Stockpiling of construction materials	Stockpiling of construction materials will be done in such a way that it does not impact and obstructs the drainage and movements of locals for accessing their agriculture fields. The stockpiles will be covered to protect from dust and erosion. The stockpiles of loose construction materials and excavated earth	√			Stockpiles covered by tarpaulin sheet to protect from dust and erosion and bunded so that these are not washed away during intense rainfall	Storage areas of loose construction materials to be covered.

		shall be banded so that these are not washed away during intense rainfall					
7	Arrangement for construction water	<p>(i) The Contractor shall provide a list of locations and type of sources from where water for construction shall be acquired.</p> <p>(iii) To avoid disruption/ disturbance to other water users, the contractor shall arrange water from market or from local municipality and consult PMU before finalizing the source.</p>	√			Contractor uses ground water for construction purpose and has taken NOC for ground water use from CGWB. The water source was finalized in consultation with the PMU.	Ground water abstraction NOC to be taken by contractor
8	Water pollution from construction wastes	The contractor shall take all precautionary measures to prevent entering of wastewater and construction waste into local stream during construction.	√			No construction waste enters into local stream. It is stored at site properly and there is no local stream in the immediate vicinity of site.	None
9	Water pollution from fuel and lubricants	<p>The contractor shall not store fuel and lubricants at site to avoid water pollution on account of spillage. These will be purchased on need basis. The maintenance of vehicle and equipment shall be avoided at site.</p> <p>The contractor shall ensure that all vehicle/machinery and equipment operation and refueling shall be carried out in such a manner that spillage of fuels and lubricants does not contaminate the ground.</p> <p>The monitoring of ground water quality will be taken up as per monitoring plan.</p>	√			<p>Fuel and lubricants were not stored at site in the reporting period. These were purchased on need basis from market. Vehicles, machinery, and equipment maintenance is not taken up at site. The vehicle refueling is not taken up at site. The refueling of machinery is done without fuel spillage.</p> <p>Monitoring of ground water quality is been taken up as per monitoring plan</p>	None
10	Soil pollution due to fuel and lubricants, construction wastes	<p>Fuel and lubricants storage at site will be avoided to avoid soil pollution on account of spillage. These will be purchased on need basis from market.</p> <p>Vehicle and equipment cleaning and washing shall be avoided at site.</p> <p>Bentonite pit is to be made at a safe distance away from the bore and properly connected to the bore</p>	√			<p>The vehicles and equipment maintenance are not carried out at site. The vehicle refueling is not taken up at site. No spillage of fuel was seen at site.</p> <p>The vehicle equipment cleaning and washing is not</p>	None

		by a channel. The contractor shall submit necessary details for this for the approval of PMU.				taken up at the site.	
11	Generation of dust	<p>The contractor will take every precaution to reduce the levels of dust at construction site.</p> <p>All filling works to be protected/covered in a manner to minimize dust generation.</p> <p>Dust suppression will be carried out during piling works and construction material handling,</p>	√			<p>The dust control is practiced at site, however the PM10 and PM2.5 values are recorded on a higher side. Water sprinkling needs to be regularized and frequency is to be increased.</p> <p>Filling works protected with green nets and steel sheets.</p> <p>The water spray records are being maintained.</p> <p>DG Stack height was increased for better dispersion of the air pollutants</p>	Environmental parameters to be monitored quarterly except monsoon
12	Emission from construction vehicles, equipment and machinery	<p>All vehicles, equipment and machinery used for construction shall conform to the relevant Bureau of India Standard (BIS) norms. The discharge standards promulgated under the Environment Protection Act, 1986 shall be strictly adhered to. The silent/quiet equipment available in the market shall be used in the boundary wall construction.</p> <p>The contractor shall maintain a record of PUC for all vehicles and machinery used during the contract period which shall be produced for verification whenever required.</p>	√	√		<p>The vehicle, equipment and machinery are complying with GOI emission norms</p> <p>The contractor is maintaining records of pollution under control certificates of the vehicles and machineries. Records submitted to PMU.</p>	None
13	Noise and Vibration levels	The contractor shall confirm that all construction equipment used in construction shall strictly conform to the MoEFCC and CPCB noise standards and all vehicles and equipment used in construction shall be fitted with exhaust silencers.	√			<p>The contractor's equipment, vehicles, and machinery comply with noise standards.</p> <p>The construction works are</p>	None

		<p>At the construction sites noisy construction work such as operation of DG sets, use of high noise generation equipment shall be stopped during the nighttime between 10.00 pm to 6.00 am. All workers to use ear plugs during piling works.</p> <p>Noise limits for construction equipment used in this project will follow IFS's EHS standards.</p>	<p>✓</p> <p>✓</p>		<p>taken up during daytime only</p> <p>As local residents are far from the construction zone so impact will be negligible. Till reporting period no complaints received from the receptor.</p> <p>The noise level monitoring in the reporting period has been carried out as per monitoring plan</p>	
14	Impacts on flora and fauna	Minimize impacts on flora and fauna during construction phase by limiting site clearance bare minimum and limiting all types of pollution generation.	✓		<p>The environmental awareness / training program and consultation were conducted.</p> <p>The plantation and landscaping will be done as per the Landscaping Plan.</p>	None
15	Material Handling at construction site	<p>Workers employed on mixing cement, lime mortars, concrete, etc., will be provided with protective footwear and protective goggles.</p> <p>Workers, who are engaged in welding works, will be provided with welder's protective eye-shields.</p>	<p>✓</p> <p>✓</p>		<p>Workers provided with protective footwear and goggles</p> <p>Workers engaged in welding works provided with welder's protective eye shields</p>	Contractor needs to enforce better PPE usage.
16	Disposal of construction waste, and debris	The contractor shall confirm that safe disposal of the construction waste will be ensured in the pre-identified disposal locations. In no case, any	✓		Contractor has identified disposal location at site with PMU.	construction waste and surplus earth

		construction waste will be disposed off around the project site. A Muck disposal plan should be prepared by the contractor and should be shared with PMU and PMC for the approval.				The contractor has been instructed not to dispose off any waste around the site.	management to be ensured
17	Onsite emergency plan for minor accidents and mishaps and Disaster Management Plan for Natural Calamities	<p>The onsite emergency plan will be prepared by the contractor in consultation with PMU site team.</p> <p>For natural calamities, disaster management plan prepared by the Darrang district administration under the provisions of Disaster Management Act 2005 will be followed.</p>	√			<p>The onsite emergency plan has been prepared by the contractor</p> <p>The contractor has been instructed to follow onsite emergency plan in the event of natural calamities</p>	None
18	Safety measures during construction	<p>Adequate safety measures for workers during handling of materials at the boundary wall construction site will be taken up.</p> <p>The contractor has to comply with all regulations for the safety of workers. Precaution will be taken to prevent danger of the workers from accidental injuries, fire, etc.</p> <p>First aid treatment will be made available for all injuries likely to be sustained during the course of work. The contractor will comply with all anti-malaria instructions given by the PMU site team.</p> <p>Necessary COVID-19 protection measures will be taken up as per requirements of GoA and Gol guidelines.</p> <p>Ensure that there will be no use of asbestos containing materials such as roofing sheets and pipes</p>	<p>√</p> <p>√</p> <p>√</p> <p>√</p>			<p>PPE Kits are being distributed to the workers. HSE manager ensures use of the kits by the workers, monitored timely by PMU. The contractor has been instructed to comply with all regulations pertaining to safety.</p> <p>First Aid Boxes are available at site and are updated.</p> <p>Necessary COVID-19 protection measures will be taken up as per requirements of GoA and Gol guidelines. At present there is no Protocol in force.</p> <p>No use of asbestos containing materials such as roofing sheets and pipes will be ensured during construction phase. Till the end of reporting period, no asbestos containing materials have been encountered.</p>	first aid boxes with adequate unexpired medicines to be maintained at work fronts

19	Flooding and Water Logging and construction materials accidental flow with food waters	<p>The construction materials and loose excavated earth will be stored in a permeable enclosure if works are continued in monsoon.</p> <p>The drainage systems prepared by the contractor of ASU campus construction package for the site will not be obstructed by the construction works of boundary wall.</p>	√			<p>Construction materials and loose excavated earth is stored properly</p> <p>Construction works of boundary wall is done considering the drainage plan of CW02</p>	Loose construction materials to be stored properly in the compacted form.
20	Clearing of construction of camp and restoration	<p>The contractor to prepare site restoration plan for approval by the PMU site team. The plan is to be implemented by the contractor prior to demobilization.</p> <p>On completion of the works, all temporary structures will be cleared away, all rubbish burnt, excreta or other disposal pits or trenches filled in and effectively sealed off and the site left clean and tidy, at the contractor's expense, to the entire satisfaction of the ASDM.</p>			<p>√</p> <p>√</p>	<p>The restoration works and construction camp and workers' camp will be cleared at end. No action needed now. Hence this is not applicable for reporting period.</p> <p>Temporary structures will be cleared at the end of construction phase. All rubbish, excreta, and other wastes will be disposed of at the end of construction phase. Hence this is not applicable for reporting period</p>	None

Table 7: Status of Compliance to EMP of ASU Campus and facilities package (CW02):

A. Preconstruction phase							
Sl. No.	Environmental Issues	Mitigation Measures	Status of Compliance			Remarks	Follow up actions proposed in last reporting period
			Yes	No	NA		
1	Lack of sufficient planning to ensure long term sustainability of the ASU campus and its facilities and protection of assets	Design has included provisions for ensuring effective maintenance of ASU campus infrastructure, so as to ensure the long-term sustainability. The long-term sustainability has been ensured by taking into consideration appropriate Bureau of Indian Standards Codes (BIS) in the design of ASU infrastructure considering seismic Zone V coefficient. Appropriate wind load factor (corresponding to 39 m/s wind speed, maximum possible load) has been considered in the building design (maximum wind. Three rainwater harvesting structures with a combined capacity of 800 m3 will be provided. The capacity of rainwater harvesting structures has been finalized based on computation of runoff with rainfall data and runoff coefficient.	√			Ground floor level of buildings has been designed at 57.2 m, which is 100year high flood level) To address the water logging issue at site an effective drainage system is being designed based on hydrological study and historical flood data of Brahmaputra River. The foundation shall be provided to take care of liquefaction phenomenon at site. The preliminary design has been done after topographic survey of ASU site. Rainwater harvesting structures will be constructed as the construction progresses.	None
2	Environmental monitoring to establish baseline monitoring	Environmental monitoring in respect of ambient air quality, water quality (Ground and surface) and noise levels immediately after mobilization to establish baseline at ASU site. Locations for sample collections may be finalized in consultations with PMU and PMC environmental specialist.	√			Carried out by contractor as per EMP and approved monitoring plan.	Environmental parameters to be monitored quarterly and to be submitted for inclusion in the EMR.
3	Layout of components to avoid impacts on the aesthetics of the	The ASU campus buildings will not have any adverse impacts on aesthetics of project site and surroundings and exteriors of campus	√			Green areas have been considered in detailed design. These will be	None

	project site and surroundings	buildings will be similar to the exteriors of buildings in the project region as well as matching with institutional looks. There will be positive impacts as green areas to be developed in campus will enhance look of the area. The additional 40 Bigha area added to site is also similar to existing site and will remain open and kept for future expansion.				developed at the end of construction phase. Exteriors of campus buildings will be similar to the exteriors of buildings in the project region as well as matching with institutional looks so no adverse impacts on aesthetics anticipated.	
4	Increased storm water runoff from alterations of the site's natural drainage patterns due to landscaping, excavation works, Construction of parking lot, and addition of paved surfaces	The preliminary ASU layout and design considered storm water runoff. This will be provided through the development of existing seasonal water ponds (low lying areas) into water bodies within the campus. The capacity of these ponds will be increased through excavation. The part of storm water will be diverted to these water bodies and part will be diverted through drainage system (local drains) outside campus. The effective drainage plan shall be prepared by the contractor, and it will be reviewed by the PMU and PMC for the implementation in the construction phase.	√			Storm water drainage plan has been submitted along with the updated master plan by CW02 considering the local contour levels.	Stormwater drainage system should be designed considering the local contour levels as well as peak estimated runoff based on historical data.
5	Consents, permits, clearances, no objection certificate (NOC), building drawings approvals from civic authorities, labor licenses of contractors, insurance for workers etc.	Obtain all necessary consents, permits, clearances, NOCs, etc. prior to start of civil works. Acknowledge in writing and provide report on compliance (with terms and conditions) for, all obtained consents, permits, clearances, NOCs, etc.	√			Land NOC- Received NOC for Wild Life & Forest from State Forest Department – Received Labour license obtained, Till reporting period the number of laborers deployed at site continued to remain within the labor license provisions. Insurance- Received Migrant labour license issued CTE for Batching Plant- Received CTE for ASU- in process. NOC for earth cutting- Royalty paid to revenue	1- CTE for ASU: To follow up with the SPCB for the CTE 2- Earth Cutting: To follow up with the Deputy Commissioner office for the NOC. This NOC will act as Consent Letter.

						department (Attached in annexures). NOC is expected from DC office	
6	Integration of energy efficiency and energy conservation programs in the ASU campus planning and design	<p>The following energy efficiency measures have been adopted in the ASU campus design and subsequent implementation:</p> <p>Installation of BEE certified equipment at the workshop, laboratories, classrooms and other facilities.</p> <p>Usage of energy efficient lighting fixtures (LED and solar). The disposal of discarded LED should be done in consultation with civic bodies and supplier.</p> <p>Solar energy usage for water heating.</p> <p>Solar energy utilization for lighting. Roof top solar system of 100 kVA proposed.</p> <p>The implementation of above measures to planned and completed.</p>	√		√	<p>Master plan design has been done taking efficiency measures</p> <p>Will be done at a later phase once construction works are completed.</p> <p>Considered as a component of Green building</p>	None
7	Establishment of baseline environmental conditions prior to start of civil works	<p>Conduct documentation of location of components, areas for construction zone (camp, staging, storage, stockpiling, etc.) and surroundings (within direct impact zones). Include photos and GPS coordinates.</p> <p>Carry out environmental monitoring at ASU project site for ambient air quality, water quality and noise levels to establish baseline environmental monitoring for the parameters indicated in the monitoring plan.</p>	√			<p>Carried out as per EMP</p>	<p>Testing of environmental parameters as in environmental monitoring plans should continue to be conducted through accredited laboratories by the National Accreditation Board for Testing and Calibration Laboratories and at the locations determined by the environment exper</p>

							ts
8	Utilities (mainly electric line and possibility of underground cables)	<p>The locations and operators of utilities to be impacted for the subproject should be identified and documented in detailed design documents to prevent unnecessary disruption of services during the construction phase.</p> <p>Require contractor to prepare a contingency plan to include actions to be done in case of unintentional interruption of services. Obtain the list of affected utilities and operators (Assam Electricity Supply Department, Water Supply Department, Telecommunication Departments, etc.) If relocations are necessary; contractor will coordinate with the providers to relocate the utility.</p>	√			Contingency plan included in Site Specific EHS Plan.	None
9	Social and cultural resources	Develop a protocol for use by the contractor in conducting any excavation work, to ensure that any chance finds are recognized, and measures are taken to ensure they are protected and conserved.	√			Protocol included in Site Specific EHS Plan.	None
10	Construction camp-locations, selection, design and layout	<p>Sitting of the construction camp, if required, at project site shall be as per the guidelines below and details of layout to be approved by PMU.</p> <p>The potential sites for labor camp and construction camp shall be identified by the contractor and this identified site shall be visited by the environmental specialists of PMU and PMC and the one having least impacts on environment will be approved by the PMU. As far as possible, construction camp and labor camp will be established within the boundary of plot for the project to avoid impacts on private land. Locations for storage of construction materials shall be identified at the site or at</p>	√			<p>Labor camp site identified by contractor and reviewed by PMU and PMC before approval. The labour camp under construction.</p> <p>Sanitation facilities planned.</p>	<p>The contractor should maintain toilets and provide LPG for cooking. Proper water supply for drinking as well as for sanitation facilities should be ensured.</p>

		existing buildings (taken on rent) in the vicinity of site. Sanitation facilities at construction camps shall be adequately planned.					
11	Sources of construction materials	Use quarry sites and sources compliant with environmental regulations of India at the national, state and local levels. Verify suitability of all material sources and obtain approvals from PMU. Submit to PMU on a monthly basis documentation of sources of materials.	√		√	Royalty payment done to revenue department The materials are sourced from approved quarry & compliant with environmental regulations. Some of the materials requiring in small quantities are sourced from market. The EC copy of the quarry has been submitted by the contractor to PMU. The consumed quantities of various construction materials are as follows: 1. Coarse aggregate: 1969.56m ³ 2. Fine aggregate: 3276.71 m ³ 3. TMT bar: 470.63 MT 4. Cement: 26623 bags	None
12	Access for construction material transportation	Plan transportation routes so that heavy vehicles do not use narrow local roads, except in the immediate vicinity of ASU campus site because close to site access roads are narrow Schedule transport and hauling activities during non- peak hours (between 1100 to 1700 hours). Locate entry and exit points for the site in a way that traffic congestion is minimum on access roads to site. Keep the site free from all unnecessary obstructions. Drive vehicles in a considerate manner.	√			Traffic management prepared by contractor and is implemented at site.	None

		Coordinate with the Traffic Police Department for temporary road diversions and for provision of traffic aids if transportation activities cannot be avoided during peak hours (in case of exigencies).					
13	Occupational health and safety	<p>Comply with IFC EHS Guidelines on Occupational Health and Safety.</p> <p>Develop comprehensive site-specific health and safety (H&S) plan. The overall objective is to provide guidance to contractor on establishing a management strategy and applying practices that are intended to eliminate, or reduce, fatalities, injuries and illnesses for workers performing activities and tasks associated with the project</p> <p>Ensure that there will be no use of asbestos containing materials such as roofing sheets and pipes.</p> <p>Provide medical insurance and accident coverage for all workers (skilled, semi-skilled and unskilled) of contractors and sub-contractors.</p>	√	√	√	<p>H&S Plan submitted by Contractor & same reviewed by PMU and PMC specialists.</p> <p>No use of asbestos containing materials such as roofing sheets and pipes will be ensured during construction phase. Till the end of reporting period, no asbestos containing materials have been encountered.</p> <p>Medical insurance for all workers of contractors and sub-contractors is yet to be received. The contractor instructed to get the insurance policy modified with inclusion of medical insurance.</p>	The contractor needs to modify the insurance policy for inclusion of medical insurance of all workers of contractor, and sub-contractors.
14	Measures for the protection of COVID-19 at ASU campus site	All protection measures pertaining to COVID-19 will be taken at the site as per the protocol specified by the GoA and GoI for the construction sites. For this, a COVID-19 Health and safety Plan will be prepared by the contractor after mobilization. The protection	√			COVID-19 protection measures are submitted in the Contractor's EHS plan and will be taken up when COVID-19 Protocol is active.	None

		measures for COVID-19 will continue till pandemic threat continues.					
15	Stakeholder consultations	Continue information dissemination, stakeholder consultations, and involvement/participation of stakeholders during project implementation.	√			Stakeholder consultations are being taken up regularly and details included in this report for the consultations taken up in the reporting period.	None
16	Disclosure of revised IEE and revised EMP	The revised IEE report including revised EMP and monitoring table to be disclosed in English and Assamese language at ASDM website and hard copies to be made available at ASU site office, ASDM Guwahati office, and Deputy Commissioner Darrang office.	√			Disclosed at ASU website https://asu.ac.in/reports.php	None
17	Establishment of grievance redress committee and functionality	Grievance Redress Mechanism (formation of committees) to be notified by the IA (ASDM).	√			Committees formed and notified by the IA (ASDM).	None
B. Construction Phase							
1	Regulatory compliances	Following regulatory compliances shall be ensured at site: 1- Environmental clearances of sand and subgrade quarries/crushers, concrete batching plant and hot mix plants (construction material sources) 2- Labor license from Government of Assam 3- Copies of medical insurance and accident insurance coverage for all workers at site 4- Utility shifting permissions 5- Consent to establish from Assam Pollution Control Board	√ Partially complied			1-Regulatory compliances obtained partially. 2-EC of sand to be renewed and submitted in this reporting period Copies attached in annexures. 3-CTE application submission for ASU has been acknowledged by SPCB but the CTE copy is not received yet. CTE for ASU is a special case as there was delay in application submission of the CTE due to finalization and approval of built-up area and drawings in the reporting period (which	CTE for ASU to be obtained.

						were to be submitted along with the application). 4-The labour licenses from the GoA issued. 5-Medical insurance to be included in the insurance policy of CW02.	
2	Sanitation, Drinking water facilities and accommodation of construction workers at construction camp	The contractor shall provide sanitation facilities at the campsite. These facilities will include dust bins in adequate numbers for solid waste collection, drinking water facilities, and separate toilets for male and females. These toilets facilities shall be well maintained, and septic tanks/soak pits shall be provided at the toilets. The dustbins shall be regularly emptied and waste from camp site shall be disposed off at designated locations. The accommodation shall be well lighted and ventilated and will have amenities such as water supply and sanitation as explained above.	√ √ √			Sanitation facilities like dust bins for solid waste collection, drinking water facilities, and separate toilets for male and female with septic tank at the camp site provided. LPGs are provided for cooking but need regular monitoring with increasing number of workers The accommodation is ventilated and have amenities such as water supply and sanitation.	1-Labour camp and sanitation facilities need to be significantly improved. The contractor has been instructed and will be followed in the next reporting period. 2- LPG should be provided for cooking and a common kitchen or cooking area be identified. 3- Hygienic conditions at accommodation needs still improvement.
3	Traffic circulation Plan during construction phase	Prior to commencement of site activities and mobilization on ground, the contractor will prepare and get approved (from local traffic police after the review of CSQA firm) traffic circulation plan during construction for safe passage of public vehicles so that locals are not at inconvenience. The contractor will carry out dissemination of these information and traffic circulation plan at ASU construction site.	√			Traffic management plan has been prepared by the contractor, reviewed by PMU and PMC specialists and implemented at site.	None
4	Clearance activities, including delineation of	Only ground cover shrubs, if any, that impinge directly on the permanent works or necessary			√	The presence of shrubs was minimal at site. No	None

	construction areas	<p>temporary works shall be removed with prior approval from the environmental specialists of PMU and PMC.</p> <p>All areas used for temporary construction operations will be subjected to complete restoration to their former conditions with appropriate rehabilitation procedures. The photographic records shall be maintained for the temporary sites used for construction. These will help in proper restoration.</p>				trees were required to be removed. In the reporting period, no clearance activities taken up, hence this is not applicable.	
5	Drinking water availability at construction camp and construction site	Sufficient supply of potable water to be provided and maintained. If the drinking water is obtained from an intermittent public water supply, then storage tanks will be provided. For this, contractor will submit plans which detail how availability of drinking water shall be assured.	√			Supply of potable water provided and maintained at site.	None
6	Waste disposal	<p>The pre-identified disposal location shall be part of comprehensive waste disposal plan. Solid waste management plan to be prepared by the contractor in consultation with local civic authorities.</p> <p>The environmental specialist of PMU shall approve these disposal sites after conducting a joint inspection on the site with the contractor and PMC environmental specialist.</p> <p>Contractor shall ensure that waste shall not be disposed off near water stream in the surroundings of site and along the access path.</p>	<p>√</p> <p>√</p> <p>√</p>			<p>Solid waste management plan has been prepared by contractor</p> <p>Disposal sites identified, inspected by PMU and PMC environmental specialist</p> <p>Contractor has started implementation of the waste management plan</p>	Construction waste to be disposed off properly
7	Stockpiling of construction materials	Stockpiling of construction materials will be done in such away that it does not impact and obstructs the drainage and movements of locals for accessing their agriculture fields.	√			Stockpiles covered by tarpaulin sheet to protect from dust and erosion and bunded so that these are	Construction materials to be covered to minimize dust

		The stockpiles will be covered by tarpaulin sheet to protect from dust and erosion. The stockpiles shall be bundled so that these are not washed away during intense rainfall.				not washed away during intense rainfall	emissions. The contractor has been instructed for this.
8	Arrangement for construction water	The Contractor shall provide a list of locations and type of sources from where water for construction shall be acquired. To avoid disruption/ disturbance to other water users, the contractor shall arrange water from market or from local municipality and consult PMU before finalizing the source.	√			Contractor will use ground water for construction purpose and has taken NOC for ground water use from Central Ground Water Authority.	None
9	Siltation of existing water ponds due to spillage of construction wastes	No disposal of construction wastes will be carried out into the existing small water ponds at site. These will be developed as water bodies during campus development. The waste materials will be transported to the pre-identified disposal site for safe disposal.	√			No disposal of construction waste is carried out into surface water bodies. The construction waste has been utilized in fill works	None
10	Water pollution from fuel and lubricants	The contractor shall not store fuel and lubricants at site to avoid water pollution on account of spillage. These will be purchased on need basis. The maintenance of vehicle and equipment shall be avoided at site. It will be taken up at authorized workshops. The contractor shall ensure that all vehicle/machinery and equipment operation, and refueling shall be carried out in such a manner that spillage of fuels and lubricants does not contaminate the ground. The monitoring of ground water quality will be taken up as per monitoring plan.	√ √ √ √			Fuel and lubricants are not stored at site. These are purchased on need basis from market. Vehicles, machinery, and equipment maintenance is not taken up at site. The vehicle refueling is not taken up at site. The refueling of machinery is done cautiously. Monitoring of ground water quality is been taken up as per monitoring plan.	None
11	Soil pollution due to fuel and lubricants and construction	Fuel and lubricants storage at site will be avoided to prevent soil pollution on account of spillage. These will be purchased on need	√			The vehicles and equipment maintenance are not carried out at site. The	None

	wastes	<p>basis from market.</p> <p>Vehicle and equipment cleaning and washing shall be avoided at site.</p>	√			<p>vehicle refueling is not taken up at site. No spillage of fuel was seen at site.</p> <p>Vehicle and equipment cleaning and washing avoided at site.</p>	
12	Soil erosion	<p>Temporary slope protection may be required during construction at the excavated areas.</p> <p>Adequate measures will be taken up so that there is no soil erosion causing risks in the vicinity.</p> <p>The construction site will be properly barricaded so that loose material and earth at site are not eroded during intense rain and carried away with storm water.</p>	√ √			<p>Soil erosion and water ponding on account of excavations were not observed</p> <p>The site is being barricaded wherever necessary as well as permanent boundary wall construction is also in progress.</p>	None
13	Generation of dust	<p>The contractor will take every precaution to reduce the levels of dust at construction site. The ASU campus site will be properly barricaded with adequate height prefabricated mild steel sheets from all sides to avoid air emissions and dust impacts in the surroundings of site.</p> <p>All filling works to be protected/covered in a manner to minimize dust generation.</p>	√			<p>The ASU campus work front is barricaded with adequate height prefabricated mild steel sheets/green nets. PM10 and PM2.5 values are recorded on a higher side. Dust mitigation measures will be strengthened.</p> <p>The contractor has been instructed to sprinkle water regularly and maintain the water spray records</p> <p>Also provided green nets in batching plant and all construction areas.</p> <p>DG Stack height was increased for the better dispersion of the air pollutants.</p> <p>PM₁₀ and PM_{2.5} values will be monitored after monsoon to</p>	The contractor needs to strengthen water spray frequency to minimize dust emissions at site.

						ensure their range is normal.	
14	Emission from construction vehicles, equipment and machinery	<p>All vehicles, equipment and machinery used for construction shall conform to the relevant Bureau of India Standard (BIS) norms. The discharge standards promulgated under the Environment Protection Act, 1986 shall be strictly adhered to. The silent/quiet equipment available in the market shall be used in the construction.</p> <p>The contractor shall maintain a record of Pollution under Control Certificates (PUCs) for all vehicles and machinery used during the contract period which shall be produced for verification whenever required.</p>	√			<p>The vehicle, equipment and machinery are complying with GOI emission norms. Reverse horns and blinkers are functional in the vehicles. The DG sets installed are of silent type.</p> <p>The contractor is maintaining records of pollution under control certificates</p>	The contractor to ensure that reverse horns and blinkers to be functional in construction vehicles
15	Noise pollution	<p>The contractor shall confirm that all construction equipment used in construction shall strictly conform to the MoEFCC and CPCB noise standards and all vehicles and equipment used in construction shall be fitted with exhaust silencers.</p> <p>At the construction sites noisy construction work such as operation of DG sets, use of high noise generation equipment shall be stopped during the nighttime between 10.00 pm to 6.00 am.</p> <p>Noise limits for construction equipment used in this project will follow IFC's EHS standards.</p> <p>No construction activities will be taken up in nighttime (2200 hours to 0600 hours) to avoid noise impacts. Similar to construction activities, no construction vehicle movement will be allowed in the night hours.</p>	√			<p>The equipment, vehicles, and machinery comply with noise standards</p> <p>The vehicles and equipment in use have been fitted with exhaust silencers</p> <p>Equipments generating noise are used in day time only</p> <p>The construction works are taken up during daytime only in this reporting period</p>	None

		<p>Noise monitoring will be taken up as per monitoring plan.</p> <p>Since liquefaction phenomenon has been identified at site so foundations of suitable strength will be laid and for this suitable construction technology shall be adopted. To minimize vibration issue, a Method Statement will be prepared by the environmental specialists of PMC and PMU in consultation with CSQA firm to minimize vibrations during construction by CW02.</p> <p>Noise monitoring will be taken up as per monitoring plan</p>	√			<p>The noise level monitoring in the reporting period has been carried out as per monitoring plan</p>	<p>Method Statement will be prepared for construction Vibration management by CW02 Contractor.</p>
16	Impacts on flora and fauna	<p>Minimize impacts on flora and fauna during construction phase by limiting site clearance bare minimum and limiting all types of pollution generation. The total area for landscaping to be done will be 217830.74m² and 3000 trees and shrubs will be planted. The detailed landscaping and tree plantation plan will be prepared during project implementation. Broadly, plantation will be taken up along boundary wall, side slopes of roads in campus.</p>	√			<p>The environmental awareness / training program and Consultation were periodically conducted. The plantation and landscaping works will be taken up at the end of construction period.</p>	None
17	Material handling at construction site	<p>Workers employed on mixing cement, lime mortars, concrete, etc. will be provided with protective footwear and protective goggles.</p> <p>Workers who are engaged in welding works will be provided with welder's protective eye shields.</p> <p>Workers engaged in stone breaking activities will be provided with protective goggles and clothing.</p> <p>The use of any toxic chemical (paints, thinners and anti-corrosive and anti-termite materials, etc.) will be strictly in accordance with the</p>	√ √			<p>Workers are provided with protective footwear and goggles</p> <p>Workers engaged in welding works provided with welder's protective eye shields. There are no stone breaking activities at site. The toxic chemicals are used as per the instructions written in materials safety</p>	None

		<p>manufacturer's instructions.</p> <p>The PMU site in-charge (District Program Manager/Deputy Director Project) will be given at least 6 working days' notice of the proposed use of any chemical. A register of all toxic chemicals delivered to the site will be kept and maintained up to date by the contractor.</p>	√			<p>data sheets.</p> <p>A register of all toxic chemicals is maintained at site.</p>	
18	Disposal of construction waste, and debris	<p>The contractor shall confirm that safe disposal of the construction waste will be ensured in the pre-identified disposal locations.</p> <p>In no case, any construction waste will be disposed off around the ASU campus site.</p>	√ √			<p>Contractor has identified location at site (with PMU and PMC) for storage and segregation of wastes</p> <p>No waste is disposed off around the site. Contractor has been instructed for tie up with vendors for collection and recycling.</p>	Contractor yet to identify the disposal location
19	Onsite emergency plan for minor accidents and mishaps and disaster management plan for natural calamities	<p>The onsite emergency plan will be prepared by the contractor in consultation with CSQA firm, PMU and PMC.</p> <p>For natural calamities, disaster management plan prepared by the Darrang district administration under the provisions of Disaster Management Act 2005 will be followed.</p>	√ √			<p>The onsite emergency plan has been prepared by the contractor</p> <p>The contractor has been instructed to follow disaster management plan in the event of natural calamities</p>	None
20	Occupational Health and Safety and COVID-19 measures during construction	<p>Adequate safety measures for workers during handling of materials at the construction site will be taken up.</p> <p>First aid treatment will be made available for all injuries likely to be sustained during the course</p>	√ √			<p>PPE Kits are being distributed to the workers. HSE manager ensures use of the kits by the workers, monitored timely by PMU</p>	First aid box should be properly maintained at work site

		<p>of work.</p> <p>The contractor will comply with all anti-malaria instructions given by the PMU, PMC, and CSQA firm</p> <p>Necessary COVID-19 protection measures will be taken up as per prescribed protocols of GoA and GoI guidelines.</p> <p>There will not be any use or handling of asbestos containing materials such as roofing sheet and plumbing pipes.</p>	<p>√</p> <p>√</p> <p>√</p>		<p>The contractor has been instructed to comply with all regulations pertaining to safety. First Aid Boxes are available at site and are updated. The contractor has tie-up with local hospital for serious injuries and illness. The contractors have been instructed to follow anti-malaria instructions given by the PMU, PMC.</p> <p>COVID-19 protection measures are submitted in the Contractors EMP and is taken up.</p> <p>Use of asbestos products at site is restricted. So far asbestos containing materials have not been encountered.</p>	
21	Flooding and Water Logging and construction materials accidental flow with food waters	<p>The contractor will take all measures to barricade the site with MS sheet till permanent boundary wall is constructed.</p> <p>The contractor will maintain quick drainage of site to avoid any water logging and flow of loose construction material with rainwater</p> <p>The contractor will take all necessary mitigatory measures to ensure that mud and construction materials do not enter agriculture fields of houses from storm water of site.</p>	<p>√</p> <p>√</p>		<p>The site has been barricaded wherever necessary.</p> <p>A mitigation plan for storm water drainage has been submitted by the contractors and will be implemented during the monsoon season.</p> <p>Slopes of stored construction materials and earth has been bunded by sand filled bags to protect from eroding and entering</p>	<p>Mitigation plan for storm water drainage to be implemented in monsoon months.</p>

						neighborhood areas.	
22	Clearing of construction of camp and restoration	<p>The contractor to prepare site restoration plan for approval by the PMU or its authorized agency (such as CSQA Firm). The plan is to be implemented by the contractor prior to demobilization.</p> <p>On completion of the works, all temporary structures will be cleared away, all rubbish burnt, excreta or other disposal pits or trenches filled in and effectively sealed off, and the site left clean and tidy, at the contractor's expense, to the entire satisfaction of the ASU</p>			√	<p>The restoration works and construction camp and workers' camp will be cleared at end. No action needed now. Hence this is not applicable for reporting period.</p>	None
					√	<p>Temporary structures will be cleared at the end of construction phase. All rubbish, excreta, and other wastes will be disposed of at the end of construction phase. Hence this is not applicable for reporting period</p>	

IV. APPROCH & METHODOLOGY ENGAGED FOR ENVIRONMENTAL MONITORING OF THE PROJECT

18. Continuous monitoring of EMP implementation is being carried out by PMU, PMC, Quality Assurance (QA) Firm, and designated environmental, health and safety officers of the contractors.
19. The Environmental Specialist of PMC and other experts of quality assurance firm along with PMU officials regularly visit the construction site. Necessary directions, in case of non-compliance are being issued to both the contractors at the ASU site and through letters about the procedures to resolve the problems/issues or requirements. The environmental specialists of PMU and PMC regularly carry out training programs on environmental and safety issues to sensitize contractor construction crew at the ASU construction site.
20. Environmental monitoring during construction phase is being taken up as per monitoring program prepared in EMP. This monitoring is to check efficacy of mitigation measures being taken up at sites.

V. MONITORING OF ENVIRONMENTAL RECEPTORS / ATTRIBUTES

A. Monitoring Basis

21. The implementation of Environmental Monitoring Plan is required to check if any adverse impact is being caused by the construction activities. The monitoring of the indicated parameters (environmental attributes pertaining to air quality, water quality, and noise levels) in the monitoring plan is being carried out at Assam Skill University construction sites and surroundings.
22. The monitoring of environmental parameters is being carried out as per the agreed Environmental Monitoring Plan in the EMP document.

B. Type of environmental receptor/ attribute to be monitored

23. The environmental attributes being monitored in the project include the air, noise and water quality parameters at the sub-project construction sites. The important air quality parameters monitored include PM10, PM2.5, SO₂, NO_x and CO. The water quality parameters include pH, TDS, TSS, hardness, Biological Oxygen Demand (BOD₅ at 27° C) and Fecal Coliform. In case of noise, 'Day' time and 'Night' time Leq values are monitored. Monitoring is to be done quarterly except monsoon.

VI. IMPLEMENTATION OF ENVIRONMENTAL MONITORING PLAN AND MONITORING RESULT

24. The implementation of environmental monitoring plan during reporting period carried out as per EMP. The quarterly environmental monitoring reports have been provided in Annexure-5. Table 8 provides an assessment on the test results of parameters monitored with the baseline values measured prior to commencement of works.

Table 8: Quarterly Monitoring results in comparison to Baseline value

Component	Parameters /Pollutants	Standard	Base line status	Monitoring result during reporting period Q1(Jan-March2023)	Monitoring result during reporting period Q2(April-June2023)	Remarks
Noise	Sound Level 1-Leq. (Day) in dB(A) 2- Leq (Night) in dB(A) Sound Level	Noise Standards - 55 dB(A) for Day Time 45 dB(A) for Night Time	Leq (day)= 52.46 dB(A) Leq (Night)= 43.57 dB(A)	Average db(A)Leq= 65.6 dB(A)	db(A)Leq= 63.9 for day time 49.3dB(A) for Night Time	Noise levels were found higher than the standard which may be due to construction equipment movement and maintenance issue. Speed limit and maintenance of equipment will be ensured.
Air Quality	PM ₁₀ PM _{2.5} SO ₂ NO _x CO	PM ₁₀ =100 µg/m ³ PM _{2.5} = 60 µg/m ³ SO ₂ = 80 µg/m ³ NO _x = 80 µg/m ³ CO = 4 mg/m ³	PM ₁₀ =50 µg/m ³ PM _{2.5} = 20 µg/m ³ SO ₂ = 6 µg/m ³ NO _x = 15 µg/m ³ CO=2 mg/m ³	PM ₁₀ =432µg/m ³ PM _{2.5} = 127µg/m ³ SO ₂ = 10 µg/m ³ NO _x = 17 µg/m ³ CO = 0.28 mg/m ³	PM ₁₀ =477µg/m ³ PM _{2.5} = 165 µg/m ³ SO ₂ = 15 µg/m ³ NO _x = 21 µg/m ³ CO= less than 1.15mg/m ³	PM 10 and PM2.5 found significantly high than baseline values. Dust control technique like water sprinkling and sprinklers at batching plant will be ensured at construction site.

Comp onent	Parameters /Pollutants	Standard	Base line status	Monitoring result during reporting period Q1(Jan-March2023)	Monitoring result during reporting period Q2(April-June2023)	Remarks
Water Quality	Following parameters are specified in the monitoring plan: pH TDS TSS Hardness BOD Faecal Coliform (applicable standards – national- Drinking Water Quality Standards specified in IS:10500)	CPCB Standards for Surface water bodies and Drinking Water Standards for Potable water	pH=6.9 TDS=78mg/l TSS=<1.0 mg/l Hardness (as (CaCO ₃) =24 BOD= nill EC=123µS/cm Turbidity=54NTU Ca=18mg/l Mg =6mg/l TA=42mg/l Cl ⁻ =10.0 F ⁻ =0.248mg/l SO ₄ ²⁻ =4.2mg/l NO ₃ ⁻ =2.4mg/l RCl ₂ =nill COD=nill P=nill Fe=2.4mg/l Pb=0.05mg/l Zn=0.06mg/l Cu=0.03mg/l Cr=0.06mg/l Ni=0.10mg/l Cd=0.02mg/l Hg=0.001mg/l As=0.01mg/l Total coliform=nill Faecal coliform=nill	pH=6.91 TDS=171.6mg /l Turbidity=1.1 NTU DO= 7.3mg/l Hardness =86.5mg/l BOD ₃ =nill Ca=43.2mg/l Mg=15.6mg/l TA=135.3mg/l Cl ⁻ =12.6mg/l SO ₄ ²⁻ =19.3mg/l NO ₃ ⁻ =4.5mg/l Residual chlorine=bdl Fluoride=0.31 mg/l Cu=0.024mg/l Fe=0.218mg/l Cd=bdl Pb=bdl Zn=0.311mg/l Cr =bdl Mn=0.039mg/l Sl=bdl Faecal Coliform= nill	pH=6.8 TDS=132mg/l Turbidity= 27NTU DO= 7.3mg/l Hardness =96mg/l BOD= nill Ca=78mg/l Mg=18mg/l TA=72mg/l Cl ⁻ =78mg/l F ⁻ =0.29mg/l SO ₄ ²⁻ =18.6mg/l NO ₃ ⁻ =3mg/l Residual chlorine=bdl Total Fluoride=0.29 mg/l Cu=bdl Fe=0.16mg/l Cd=bdl Pb=bdl Zn=0.006mg/l Cr =bdl Mn=0.039mg/l Hg=bdl Ni=bdl Sl=bdl As=bdl Faecal Coliform= nill	All parameters of Water Quality were found within permissible levels.

VII. ANY OTHER ENVIRONMENTAL ASPECTS, IMPACTS OBSERVED DURING IMPLEMENTATION WHICH WERE NOT COVERED EARLIER

25. No unforeseen or abnormal adverse environmental impact observed during the reporting period. This is the third Environmental Monitoring Report for the project. During the site visit the Environment and Social safeguard specialists conducted consultations and training programs on Environment Safeguards and Health & Safety for construction crew and officials deployed at site during current reporting period. The photographs of capacity building given in **Annexure-2**.

VIII. DETAILS OF COMPLAINTS RECEIVED FROM PUBLIC AND ACTION TAKEN THEREOF TO RESOLVE

26. During this reporting period, no grievance has been received at the ASU site. Contractors have been briefed on the GRM and instructed to ensure the speedy resolution of any grievance.
27. The Grievance Redressal Board, complaint Box and complaint register exist at the ASU site and office.

Approach to GRC in ASU. Affected person or aggrieved party can approach the GRC for redress of his/their grievances through any of the following modes:

- **Web based:** A separate corner has been developed at the ASU website so that public and affected person can register their complaints via email id given in the website (grc.asup@gmail.com)
- ASU project information board is installed at site and on this board, contact details (name, phone number and email) of complaint receiving officer is available. A grievance register and grievance box has also been put at the site for receiving complaints.
- **Telephone based:** The complainants can either make phone call or whatsapp to the registered phone number. A telephone number (8638934294) is available on the website of ASU and at the construction site so that general public can register their complaint through telephone and mobile phone to the ASU site office and PMU office.
- **Postal:** The complainant can post their grievances to ASU office address put in the project board or website. (3rd Floor, DECT Complex, A.K.Azad Road, Rehabari 781008) Details of registered mobile number, email id and postal address given in ASU website in the link <https://www.asu.ac.in/contact-us.php>

IX. FOLLOWUP ACTIONS AND CONCLUSIONS

28. Site supervision will be regularly carried out to ensure that environmental impacts are being adequately mitigated and to ensure continuation of compliance with statutory regulations as required by laws and agreed upon in EMP. The contractors are being regularly guided and instructed to pay attention to environmental issues and adhere to the provisions of EMP. The PMU conducted consultation and informal onsite orientation for the contractor's supervisory staff and site engineers for EMP implementation. Regular Consultations and Contractors 'orientation will be continued in next reporting period also. Environmental monitoring will be taken up as per monitoring plans of respective subprojects under the construction.
29. The stakeholder consultations have been taken up by PMU with institutional stakeholders and their suggestions are being incorporated in project implementation. In the current reporting period informal discussion/consultations were taken up at local level by the environmental specialist of PMU and relevant suggestions were considered during construction. The details on awareness program/ consultation have been covered in **Section-XI** of this report. Consultations will be continued in future reporting periods also. The summary of actions points reported in the previous SEMR (Aug22-Jan 23) & status in current reporting period has been given in Table 9. The Action points based on environmental performance review of the reporting period (Feb-July23) for the follow up in the next reporting period are given in Table 10.

Table 9: Actions points reported in the previous SEMR (Aug22-Jan 23) & Status of Compliance in current reporting period

Action Point	Status of Compliance
ASU Project	
Obtaining Consent to Establish (CTE) for the ASU project from Assam Pollution Control Board	The CTE has been processed and final letter yet to be issued by the PCB ¹ . CTE was delayed because of delay in approval and finalization of ASU drawings.
CW01 and CW02 contractors are required to submit periodic progress reports on environmental aspects to PMU	Periodic reports are being submitted by contractors
Disclosure of Environmental Planning documents on ASDM website in Assamese	The IEE and EMP in local language are disclosed on ASU Website. (https://www.asu.ac.in/reports.php)
Construction vehicles to be provided with operational working alarms and blinkers while operating in reverse directions	Construction vehicles are having operational working alarms and blinkers
CW01 (Boundary wall) Construction Package	
Update Labour License by CW01 contractor	The CW01 contractor has obtained Labour License for 60 workers.
Obtaining Labour insurance for all categories as well as for adequate number of workers	CW01 has obtained labour insurance for 20 workers.
Obtaining Ground Water extraction permission from the competent authority	Ground Water extraction permission issued by CGWA to CW01 contractors.
CW02 (Campus and facilities) Construction Package	
Updating Labour Insurance Policy (Under the Workmen Compensation Act, 1923)	The CW02 contractor has updated insurance policy for adequate number of workers.
Obtain Interstate Migrant Labour License under CW02 contract	CW02 has obtained migrant license for 20 workers.
Construct camp with proper sanitation and drinking water and other facilities.	The construction camp with ventilation, toilet, kitchen and drinking water facilities constructed. But these facilities still need improvement.
Minimization of potential negative impacts on neighboring communities	Storm water drainage plan submitted by CW02 contractor, under review. A mitigation plan has been prepared based on current landfilling quantities for coming monsoon to prevent inundation in the neighboring communities. The storm water drainage management for the monsoon season will be followed with the CW02 contractor.
Testing of environmental parameters	Environmental parameters are being monitored quarterly. Results given in the SEMR compared with baseline values in Table 8.
Additional number of project information boards with contact details of focal person for grievance redressal to be displayed	CW02 contractor provided additional project information boards (in local language) displaying contact details of focal person for grievance redressal.
Arrangements to secure the work fronts through sturdy barricading and safety nets to avoid unauthorized access and safety of locals/pedestrians/passersby to be ensured	Work fronts secured by sturdy barricading and safety nets, regular monitoring by HSE Manager and PMU required.

¹ CTE has been obtained on August 10, 2023.

Action Point	Status of Compliance
Construction waste and surplus earth management to be ensured	Construction waste and surplus earth management monitored and disposal is as per waste management plan.
Storage areas of loose construction materials to be covered at work fronts	Loose construction materials barricaded and covered at work fronts.
First aid boxes with adequate unexpired medicines to be maintained at work fronts	First aid boxes kept at easily available place at site. Need to monitor regularly.
Fire extinguishers at sites to be maintained at recommended operating pressure range for effective usage during fire emergency	Proper examination and monitoring of operating pressure range of fire extinguishers at site is carried out by the by HSE manager of contractor and PMU. Sand filled buckets also placed at site .
Electrical panels at sites to be provided with appropriate weather sheds	CW02 contractors provided electrical panels with weather sheds. To be immediately complied whenever new panels are made.
Placements of rubber mats or wooden planks for safety of panel operators to be ensured	Rubber mats and wooden planks placed at electrical panels for safety of panel operators at site.
CTO for Concrete Batching Plant	CW02 contractor has obtained CTO for the concrete batching plant and DG Set.
Construction vehicles to be provided with operational working alarms and blinkers while operating in reverse directions	Construction vehicles repaired and monitored regularly for operational working alarms and blinkers while operating in reverse directions.

Table 10: Action points based on environmental performance review of the reporting period (Feb-July23) to be followed in the Next Reporting Period (August 2023 – January 2024 Period)

Action points	Remarks
Update insurance policy for all workers at site including medical insurance	Both the contractors will be followed up for the updating of labour insurance policies for all categories and adequate number of workers with inclusion of medical insurance provisions in the insurance policies.
The Labour licenses of both the contractors to be updated for increased workforce.	Both the contractors will be followed up for the labour licenses updating in case workforce is anticipated to increase.
Timely environmental monitoring for post monsoon and winter seasons	The CW02 contractor will be followed up for timely environmental testing in the post monsoon and winter seasons
Source approvals for construction materials to be submitted by the CW01 contractor	The CW01 contractor will be followed up for submission of either CTO or EC copy of quarries from where sand, and subgrade are obtained.
Dust mitigation measures need to be strengthened	The dust suppression measures will be made more effective to reduce particulate matter concentration. This will be followed up with both the contractors with the assistance of CSQA firm team and ASU Project Technical Manager at site.
Permission for diesel storage from District administration	The CW02 contractor is storing Diesel in a size storage tanks for vehicles and machinery refueling. The permission/NOC for this will be followed up with the DC Office, Managaldoi.

Action points	Remarks
Improvement of sanitation and Drinking water facilities at the workers' camp of both the contractors as well as LPG gas supply for food cooking	Sanitation and workers camp facilities need to improve and will be followed up during the next quarter (mentioned in the corrective action plan)
Obtaining Consent to Establish (CTE) for the ASU Project from Assam Pollution Control Board	The CTE for ASU has been acknowledged, approved by Chairman and Member Secretary, Assam Pollution Control Board. Yet to receive the final hard copy. This will be followed up with the Assam Pollution Control Board.
Obtaining NOC for borrow earth from Deputy Commissioner, Darrang EC for sand and gravel to be renewed by CW02	The Forest Department after verification of land from where borrow earth for site filling is obtained has recommended for NOC issuance to DC office. This NOC will act as an consent letter. At present Contractor is depositing Royalty and all necessary submission to Forest Department and DC office completed by the CW02 contractor. Mining plans has been approved by Directorate of Geology and Mining. CW02 has been requested to submit renewed EC of quarry for sand and gravel
Identification of locations for the disposal of excess construction waste for both the construction packages of ASU	The contractors with the assistance of PMU, PMC and local civic body will identify location (s) for the disposal of construction wastes.
Modification of insurance policy for inclusion of medical insurance for all workers of contractors and sub- contractors	The contractors will be followed up for the modification of insurance policy obtained under the Workmen Compensation Act, 1923 for inclusion of medical insurance.

X. SITE SAFETY AND HOUSEKEEPING

30. At the site necessary measures for the safety and housekeeping are adopted by both the contractors. These measures include PPE usage by the workers and technical staff, proper barricading of site portions having injury prone materials such as steel rods, temporary barricading at stairs in the buildings under construction, and proper upkeep of site by segregating construction waste, domestic waste and discarded construction materials. The photographic records and other details to highlight these measures are provided in the "Corrective Action Plan" has been prepared separately for the current reporting period. In future EMRs these measures will be included in the Annexures.

XI. STAKEHOLDER CONSULTATIONS AND DISCLOSURE

A. Process For Consultations Followed

31. The detailed design and construction of ASU campus and facilities does not involve any elements which could have an adverse impact on the community. There is no deprivation of any sort for the residents or displacement of any groups. Particularly, with regard to environmental impacts, this subproject can be characterized as having no significant adverse impacts.
32. In view of this, the need for holding a public hearing (as defined in EIA Notification 2006 of

Gol) was not perceived as EIA Notification is not applicable to ASU project. However, in compliance with the ADB's guidelines, focused public consultations are being undertaken in the ASU site and surroundings in Mangaldai. The consultations were held in a timely manner with the District Administration, Panchayat and other GoA departments of Mangaldai, and local people living close to the ASU site. The number of participants (male and female) is given in **Table-9**.

33. The process of consultations was also an integral part of the ASU campus design and environmental assessment, in accordance with ADB's guidelines to achieve the following objectives:

- To educate the general public, specially potentially impacted or benefited communities, individuals and stakeholders about the proposed ASU and its detailed design and construction;
- To familiarize the people with technical and environmental issues of the detailed design and construction of ASU campus and facilities for better understanding;
- To solicit the opinion of the communities, local authorities and individuals on environmental issues and assess the significance of impacts due to the subproject;
- To foster co-operation among officers of EA and IA, the community and the stakeholders to achieve a cordial working relationship for smooth implementation of the project; and
- To identify the environmental issues relating to the proposed activity.

34. During the reporting period, consultations with the district administration and local people were done during the preparation and implementation of the storm water drainage plan for ASU. The Water Resource Department is in process of conducting a survey and prepare cost estimate for implementation of the drainage plan. During the consultation with local people on 25th May 23, discussion was held for the upcoming monsoon and the possible impact due to landfilling. The local people wanted an access road near their residence to be raised so that their access to the homes are not disturbed. Accordingly, the contractors had raised the road for their easy access during monsoon. The dates of consultations and stakeholders consulted are summarized in **Table 11**. Attendance sheet and photographs of the consultations are given in Annexure 1.

Table-11: Dates and Stakeholders Consulted

Sl. No.	Stakeholders Consulted	Dates of Consultations	Number of Participants	
			Male	Female
1	District administration, Water resources department, Town and Country planning regarding Storm water drainage plan outside ASU Campus	4 th April 2023	16	2
2	ASU Campus Site local people	25 May 2023	09	10
3	ASUP, CS01, CS02, CW02, Water resource, ADB consultant, T&CP, Water resource Dept.	2 June 2023	10	2
4	Site level Grievance redressal committee meeting with GRO, ASUP, PMU and Panchayat	30 June 2023	2	4

Sl. No.	Stakeholders Consulted	Dates of Consultations	Number of Participants	
			Male	Female
	members			

B. Future Consultation and Information Disclosure

35. Most of the suggestions of stakeholders during consultation were considered in the project design and project implementation. To ensure continued public and stakeholder participation in the ASU project life cycle, periodic consultations and focus group discussion will be continued. The participatory process will ensure that all views are adequately reviewed and suitably incorporated in the design and implementation process. Further, to ensure an effective disclosure of the ASU project proposal to the stakeholders and the communities in the vicinity of site, project awareness campaign will be carried out.

Information Disclosure

36. Electronic version of the revised IEE documents has been placed in the official websites of the ASU/ASDM and ADB. On demand, any person seeking information can obtain a hard copy of the complete IEE document from the office of the PMU and ASU site office on a written request. The hard copies of the revised IEE report in Assamese language is available at ASU office, Guwahati, ASU site office, Mangaldai and Deputy Commissioner office, Darrang for reference.

ANNEXURES

Annexue-1: PHOTOGRAPHS AND ATTENDANCE SHEETS OF CONSULTATIONS

A. Attendance Sheets of Stakeholder Consultations

Minutes of Meeting (04/04/2023)

Meeting / Project Name:	Assam Skill University Project (Construction of Assam Skill University Campus at Mangaldai, Darrang, Assam)		
Date of Meeting:	04/04/2023	Time & Location:	2.00 pm to 3.00 pm at the Assam Skill University Campus, Mangaldai
Meeting Objective	Storm water drainage plan, ASU Campus		

Members present:

Name	Designation /Organization
Shri. Munindra Nath Ngatey, ACS	Deputy Commissioner, Darrang
Shri. Jyotish Kumar Sarmah	OSD, ASU
Mr. Himalay Sarma	DPD, ASUP
Mr. Jitendra Sarma Kakoty	Deputy Director, T&CP
Mr. Pratap Bordoloi	Chairman, MDA
Mr. Ajit Borah	Secretary, Moamari GP
Mr. Deepak Bhatta	Executive Engineer, WRD
Mr. Bhupendra Malakar	Executive Engineer, PWRD
Mr. Pranab Kr. Sarmah	AE, PWRD
Mr. Niranjana Das	Executive Engineer, Irrigation
Mr. Jagadish Bhattacharyya	DPO, DDMA
Mr. Jayanta Sharma	PTM, ASUP
Ms. Ellora Kalita	Civil Engineer, PMU-ASUP
Mr. Yashman Angira	Site Engineer, PMU-ASUP
Ms. Sanghita Dutta	Environmental Specialist, PMU-ASUP
Miss Karishma Gogoi	Gender Specialist, PMU-ASUP
Mr. Deepjyoti Baishya	DPMT and GRO, ASUP
Mr. Putul Ch. Sarma	Quality Engineer, CS02
Mr. Saravanan. S	Quantity Surveyor, CS02
Mr. S. Ahmed	CW02

Shri Munindra Nath Ngatey, DC, Darrang presided over the meeting. After threadbare discussion in presence of all the concerned stakeholders as quoted above the following decisions have been taken.

Decisions

1. There should be three outlets for outflow of the storm water from ASU Campus instead of six outlets as proposed by CW02 Contractor in the storm water drainage plan drawing as follows:
 - Zone 1 near the main entrance gate: Water to be discharged into the "MoraNadi" channel.
 - Zone 4 towards the south direction: Water to be discharged into the Mangaldai River
 - Zone 5 towards west direction: Water to be discharged to Noa River via "MoraNadi" channel.

The zone map received from CW02 is attached for reference.
2. CW02 Contractor, ASUP to submit the discharge amount through these three points, and need to submit the revised Drainage Map incorporating the same.
3. Side drains to be provided along with the periphery of the boundary wall inside the ASU Campus for carrying the accumulated storm water to the three discharge points wherever necessary.
4. Revised Drainage map, KML File and Contour map of ASU Campus to be submitted to Water Resource Department from the PMU, ASUP.
5. Only treated water and storm water to be discharged from the ASU Campus.
6. An estimate to be submitted for improvement of MoraNadi channel of 5.70 KM (5Km + 0.70 Km) from the Entry Point, Assam Skill university Campus to Noa River linking point by Water Resource Department, Mangaldai, Darrang to District Authority, Darrang at an early date so that the whole process of execution could be completed before functioning of the University campus in 2025.
7. District Administration, Darrang will ensure arrangement for demolishing unauthorized structures wherever necessary so that uniform water flow to the Noa River can be maintained.

Discussion ended at 3.00 pm with thanks from the chair.








Munindra Nath Ngatey, ACS
Deputy Commissioner
Darrang

Meeting on Storm Water Drainage Plan for Assam Skill University
Campus, Mangaldai

Date: 04-04-2023

Time: 2:00PM -

Venue: ASU Site

Sl. No	Name	Organization/ Designation	Signature	Ph/mail	
1.	Shri Manindra Nath Ngatey, ACS	DC, Darrang		9435143050	
2.	Jyotish K. Sarma	OSD, ASU		9435014818	
3.	Jitendra Sama Katoly	Deputy Director, T&CP		9859337420	
4.	Himalay Sarma	DPD, ASUP		9807188157	
5.	Pradyot Bordoloi	Chairman MDA		7022025883 8486259156	
6.	Ajit Boruah	Secy. Nalco G.P.		9435760982	
7.	Jayanta Sharma	PTM, ASUP		9401329639	
8.	Ajeet B. Laiti	EE WRD		9435087900	
9.	Bhupendra Meluk	EE, PWRD MDR		9435113075	
10.	Pranab K. Sarma	As PWRD		7626893272	
11.	SARAVANAN S	QS STC		9941876805	
12.	Niranjana D.	EE, PWRD		9435045543	
13.	Pintu Ch. Sa	QE STC		9435123312	
14.	Deep Joshi	DPH, Geo ASUP		7891511090	
15.	Vishwanath Angira	Site Engineer ASUP		7002051252	
16.	Jagadeesh Bhattacharya	DDO, ADMA		9864116646	
17.	Kanishk Gogoi	PMU, ASUP		7002561620	
18.	Sanjita Dutta	PMU, ASUP		8876396955	

B. Photos and Attendance Sheets of Stakeholder Consultation (with local people before monsoon) in May 2023



Minutes of Discussion	
Project Name :	Assam Skill University Project
Date of Meeting :	25.05.2023
Time & Location :	12PM at Site office
Meeting Objective : Stakeholder Consultation.	
Members present	
Rashmi Ram Nath.	Rashmi Ram Nath
Rukma Devi	
Lalita Nathi	
Demomoni Bora.	
Rumi Debra.	Rumi Debra
Arabinda Debra.	Arabinda Debra
Jyotirmoy Nath	Jyotirmoy
Rita Mani Prata	Rita
Shruti Devi	Angali Mishra
Durga Choudhary	Shubra Boro
Kritika Mishra	Tara Mishra
Pratik Choudhary	Darshanath Mishra
Pratik Choudhary	Nirmal Choudhary
Durgesh Boro.	Rupa Ram Singha
Diabab Choudhary	
Ashraf Jobby	Ashraf Jobby
Kamran Kakati	K Kakati
Kanishk Jaisi	Kanishk
Sangita Datta	S. Datta

C. Storm water drainage meeting outside ASU Campus, Mangaldai

Minutes of Meeting (02/06/2023)

Meeting / Project Name:	Assam Skill University Project (Construction of Assam Skill University Campus at Mangaldai, Darrang, Assam)		
Date of Meeting:	02/06/2023	Time & Location:	11.30 am to 1.00 pm at the Site Office, Mangaldai
Meeting Objective	Storm water drainage management outside the ASU Campus, Mangaldai		

Members present:

<i>Name</i>	<i>Designation /Organization</i>
Mr. Jayanta Sharma	PTM, ASUP
Mr. Shreenivas Verma	ADB Environmental Consultant
Ms. Ellora Kalita	Civil Engineer, PMU-ASUP
Mr. Yashman Angira	Site Engineer, PMU-ASUP
Ms. Sanghita Dutta	Environment Specialist, PMU-ASUP
Mr. Putul Ch. Sarma	Quality Engineer, CS02
Mr. Ashis Mistry	Site Engineer, CS02
Mr. Saravanan.S	Quantity Surveyor, CS02
Mr. Jayanta Kumar Das	A.E Water Resource Department
Mr. Tapan Sarmah	J.E Water Resource Department
Mr. Kishore Kr. Chaudhury	M.I.D, T& CP
Mr. Ratan Ch. Mandal	M.I.D, T& CP
Dr.Pallavi Latkar	Architect, CS02
Ms.Shruti Barve	Landscape Architect, CS02

Mr. Jayanta Sharma, PTM, ASUP presided over the meeting.

Points discussed:

- A preliminary site survey of the stretch connecting Mara Nadi channel to the Noa Nadi river was done with PMU, ASUP, Water resource Engineers, Town and Country planning department, Mandal from Circle Office, Darrang and CS02 architects.
- The Executive Engineer, Water Resource Department assured over phone that the Water Resource Department, Mangaldai will submit a preliminary survey report and cost estimate proposal for conducting detailed survey work from the Mara Nadi channel to Noa Nadi River to District Authority, Darrang. Further a detailed Estimate will be submitted to District Authority, Darrang after conducting the survey for further necessary action, as per MoM dated 4th April 2023.
- Water resource department agreed to do the survey parallelly within 10-15 days.
- Water Resource Department to apply Land Availability Certificate from Circle Office, Darrang after conducting the survey.
- NHAI authority to be consulted for the alignment of the drainage channel planned.
- ADB Safeguard consultant asked PMU to prepare a contour map based on the current landfilling status by 5th of June and prepare a mitigation plan for effective drainage of the site for this year monsoon.

Discussion ended at 1.00 pm with thanks from the chair.



Project Technical Manager

Assam Skill University Project

D. Grievance redressal committee meeting, 30th June 2023

GRIEVANCE REDRESSAL COMMITTEE MEETING

Date: 30th June 2023 Time: 11:00 AM - 12:30 PM

Venue: ASU site office, Mangaldai

Attendees:

Sl. No.	Name	Organization & Designation	Gender	Signature	Ph/Mail
1.	DEEP J. BAISHYA	GR, ASUR DEPT. ASUR	M		9965-15895
2.	Nabajyoti Gahma	President UPANUSARA	M		9811084288
3.	Kabita Saikia	Member MAMANGA GP	F		9706520537
4.	Rema Devi	President MAMANGA GP	F		9638553243
5.	Banghita Datta	Joint Specialist ASU, ASUR	F		9876226225
6.	Karishma Joshi	Gender & IP Specialist	F		9802361489



Annexure-2: CAPACITY BUILDING ON ENVIRONMENTAL SAFEGUARD

A. Orientation workshop on HIV/AIDS & Free health checkup camp by contractors, 28th March,23



25 May, 23
ASU Site

53

ANNEXURE 3: ADB Review Mission and IGBC Team Visit to ASU Site

A. ADB Review Mission, 29th - 30th March



Assam Skill University Project
Safeguards Review Mission 30th March 2023

ASU Site visit and meeting
Venue: ASU site office
Details of the participants:

Sl. No.	Name	Organization/ Designation	Gender	Signature	Contact details
1	Mosafa Ahmed	Site Engineer	M	[Signature]	9101507477
2	Sayantan Roy	QA/QC	M	[Signature]	7044255213
3	Kanishk Das	monitorm	M	[Signature]	9871237111
4	Arshif Jadhav	Safety Officer	M	[Signature]	7079771995
5	Karishma Gopi	ASUP	F	[Signature]	
6	Ellena Kalita	ASUP	F	[Signature]	
7	LINAKS PANDA	ASUP Social Expert	M	[Signature]	
8	Pankaj Ch. Son	CE	M	[Signature]	943512331
9	B. B. Agnewal	T.L. CS-01	M	[Signature]	9650610516
10	P. K. MISHRA	QA/QC	M	[Signature]	8498392460
11	J. K. Samanta	OSD, ASU	M	[Signature]	9435014910
12	SUMITR Khatun	Asst. guard officer	M	[Signature]	3503348316
13	Soumitra Singh	PCR-01	M	[Signature]	9857724011
14	Tanishk K. Das	Site Engineer	M	[Signature]	6000872474
15	Bitubam Sarin	Site Engineer	M	[Signature]	8822714233
16	SARAVANAN	QS/ STC	M	[Signature]	9941876855
17	Yashwan Singh	PMU, ASUP	M	[Signature]	7002051252
18	SANJEEV SHUKLA	PMU, ASUP	M	[Signature]	8130591434
19	Jayant Sharma	PMU, ASUP	M	[Signature]	9401324639
20	Sangita Dutta	PMU, ASUP	F	[Signature]	8876376700

B. IGBC TEAM VISIT, 13th and 14th July 2023

IGBC Team visited the site on 13th July and did a feasibility study with the CW02 consultant for Green building.




Meeting: Assam Skill University-IGBC Team Site visit


Date: 14.07.2023

Venue: ASU Conference Hall, Rehabari.

SL NO	NAME	ORGANIZATION & DESIGNATION	GENDER	SIGNATURE	PH/MAIL
1	SHRI SUBHASH CHANDRA DAS	V.C, ASU	M		
2	SHRI ANKUR JAIN	CEO, ASUP	M		
3	SHRI JYOTISH KR. SARMAH	OSD, ASUP	M		
4	SHRI HIMALAY SARMA	DPD, ASUP	M		
5	Manisha Shetty	CII, IGBC	F		
6	Nivedita Dileep	CII, IGBC	F		
7	Sanjay Kumar	CWO-2	M		
8	Kaustav Kakati	CWO-2	M		
9	Ellora Kalita	PMU, ASUP	F		
10	Sanghita Datta	PMU, ASUP	F		
11					
12					
13					
14					
15					
16					

ANNEXURE -4: Grievance Redressal Mechanism of ASUP




GOVERNMENT OF ASSAM
SKILL, EMPLOYMENT & ENTREPRENEURSHIP DEPARTMENT
DISPUR:GUWAHATI-6
Block-D, 1st Floor, Janata Bhawan, seed-dept@assam.gov.in,
<https://skill.assam.gov.in/>

No. SKM.39/2021/28 Dated Dispur, the 16th December, 2021.

From : Smt. Madhuchanda Talukdar, ACS,
Deputy Secretary to the Govt. of Assam,
Skill, Employment & Entrepreneurship Department. *DDO - ASUP*
Legal Advisor

To : The Mission Director,
Assam Skill Development Mission,
Garchuk, Guwahati 35.

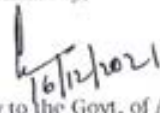
Sub : Modified three tier Public Grievance Redressal Mechanism for Assam Skill University.

Ref : Letter No. ASDM/ASUP/2/2021/13 dtd. 30/11/2021.

Sir,


With reference to the letter and subject cited above, I am directed to convey the approval regarding modification in the previously approved three tier Public Grievance Redressal Mechanism for Assam Skill University as per recommendation of senior education specialist, ADB.

This has the approval of Principal Secretary, Skill, Employment & Entrepreneurship Department.

Yours faithfully,

Deputy Secretary to the Govt. of Assam,
Skill, Employment & Entrepreneurship Department.

Memo No. SKM.39/2021/28 A Dated Dispur, the 16th December, 2021.

Copy to
PS to Principal Secretary, Skill, Employment & Entrepreneurship Department for kind appraisal of
Principal Secretary.

By order etc,

Deputy Secretary to the Govt. of Assam,
Skill, Employment & Entrepreneurship Department.

Grievance Redressal Mechanism for Assam Skill University Project

The grievance redressal mechanism (GRM) for Assam Skill University Project will be established at three levels: (i) on site; (ii) project management unit (PMU); and (iii) Assam State government. Details of the GRM to be established at the three levels are described below. The complainant is free to approach the Court of Law at any time during the process or even before approaching the GRM.

1. LEVEL 1 – ON SITE, Implementing Agency

1. **Grievance Redressal Officer (GRO), Level 1:** DPMT Darrang, ASDM/Communication manager(PMU)
2. **Mode of Complaints:** a) On Site Grievance Redressal Box; b) ASDM Website; c) Telephonic; d) By post
3. **Responsibility for Maintenance of Grievance Register:** Site Engineer.
4. **Process:**
 - i. Grievance Redressal Box will be installed at the site office along with information of the Grievance Redressal Officer at the respective level (designation, address and contact no).
 - ii. In case of any telephonic complaints to the GRO, the receiving officer will register the complaint in the site register.
 - iii. In case a site specific complaint is received through ASDM website, the same will be sent by Gender and Indigenous People Specialist, PMU for ASU Project to the DPMT/communication Manager, via email and letter with copy to the Executive Engineer PWD. Details of the complaint received through website will be recorded in the site register.
 - iv. Grievance register will be maintained at the site by DPMT, to record the details of complaints and corrective action taken.
 - v. DPMT/Communication Manager will be responsible for checking the Grievance Redressal Box everyday /once in a week on a designated day and recording the complaint in the grievance register.
 - vi. **A Site Level Grievance Redressal Committee (GRC)** will be formed headed by the Grievance Redressal Officer. The Committee will comprise of
 - a. DPMT, ASDM;
 - b. Communication Manager, PMU;
 - c. Civil Engineer, PMU;
 - d. Environment specialist, PMU;
 - e. Gender and Indigenous peoples specialist, PMU;
 - f. Locally elected representative of the local panchayat
 - vii. Upon the receipt of the complaint through drop box or website, Communication Manager/DPMT will record the details of the complaint in the register and intimate the Deputy Project Director, PMU) within 2 working days of receipt of the Complaint. The GRO will issue a meeting notice for resolving the complaint to all members of the Committee and the Complainant. The meeting will be conducted within 10 working days of the receipt of the complaint.
 - viii. **Meeting of the GRC:** The members of the GRC will discuss the matter with the complainant and resolve the matter amicably. A letter will be issued to the complainant with reference to the meeting providing the solution to the complaint. Details of the solution and date of letter will be recorded in the Grievance register.
 - ix. In case, the issue is not resolved during the Meeting of the GRC, Level 1 the GRO will present the matter to the GRO, Level 2 i.e. CEO, ASU Project for resolution by the Grievance Redressal Committee at Level 2. Such an escalation will be made within 7 working days of conducting the GRC Level 1 meeting. Details of the escalation will be recorded in the Grievance register by the Deputy Project Director, PMU.
- **Monthly Grievance Redressal Report:** At the end of every month, GRO level 1 will submit information on the grievances received, date of complaint, corrective action and copy of the letter sent to the complainant to the CEO, ASU Project for information and record on monthly basis.

LEVEL 2 – PMU LEVEL at Implementing Agency

1. **Grievance Redressal Officer (GRO), Level 2:** Mission Director, ASDM and CEO of ASU project.
2. **Mode of Complaints:** a) Grievance Redressal Box at ASDM Office; b) Escalation from GRO Level c) Website d) By post e) Telephonic
3. **Responsibility for Maintenance of Grievance Register:** Gender and Indigenous People Specialist, PMU
4. **Process:**
 - i. ASU Grievance Redressal Box will be installed at ASDM head office along with information of the Grievance Redressal Officer at the respective level (Designation, address and contact no.).
 - ii. In case of any telephonic complaints to the GRO, the receiving officer will register the complaint in the site register.
 - iii. In case of a complaint received through website, the Gender and Indigenous People Specialist, PMU will be responsible for sending the Grievances to the concerned levels by email as well as letter. For e.g.: Site specific complaints to respective Site Engineer (with copy to Ex Eng. HPPWD of the concerned site), Zone level complaints to the concerned Project Manager, PWD. In case the complaint pertains to the PMU level, the same will be put up before the Mission Director, ASDM. All web based complaints will be sent to the concerned levels within 5 working days of receipt of the complaint.
 - iv. Grievance register will be maintained at the Gender and Indigenous peoples Specialist, PMU to record the details of complaints received at the PMU level and action taken.
 - v. **Grievance Redressal Committee, Level 2:** This will be formed at the State level, and will be headed by the MD, ASDM. The committee members will include
 - a. CEO, ASU Project;
 - b. HR & Admin, ASDM;
 - c. Gender Specialist, PMU;
 - d. Environment Specialist, PMU;
 - e. Legal Advisor, ASDM
 - vi. Upon the receipt of the complaint, the GRO will convene a meeting of the Committee within 10 working days. The respective GRO level 2 and Deputy Project Director of PMU will also be called for the meeting. The matter must be resolved by the GRC, level 2 within 30 days of receipt of the complaint.
 - vii. The solution approved by the committee will be formally intimated to the complainant through a letter. Wherein, the solution along with information on level 3 of the Grievance Redressal will also be provided (in case the complainant is not satisfied with the solution provided at the PMU level, she/he may escalate the same to Level 3). In case of an escalation from level 2 to level 3, a copy of the letter will also be sent to the GRO, Level 2.
 - viii. In case the complaint cannot be resolved at by the PMU GRC Level 2, the matter will be escalated by the CEO, ASU Project for presentation in the State Level Steering Committee(SEED) and the same will be communicated to the complainant.
 - ix. **Quarterly Grievance Redressal Report:** At the end of every quarter, Gender and Indigenous Peoples Specialist, PMU will compile information on the grievances received and corrective action taken from all the zones and ASDM. The report will also be included in the Quarterly Progress report on ASU project to be submitted to ADB.

LEVEL 3 – STATE LEVEL, Executive Agency(SEED)

1. **Grievance Redressal Officer (GRO), Level 3:** Senior most Secretary, SEED, Govt. of Assam
2. **Mode of Complaints:** a) Escalation from GRO Level 2; b) Escalation of Complaint by Complainant dissatisfied with Level 2 Solution.
3. **Responsibility for Recording in the PMU Level Grievance Register:** Such complaints will be recorded in the PMU Grievance Register itself by the Gender Specialist, PMU
4. **Process:**
 - i. The grievances which cannot be resolved at the PMU level or where the matter is directly presented to the Principal Secretary by the complainant will be deliberated upon in the SLSC meeting and the solution for the same will be intimated to the complainant via letter. The details will be recorded in the Grievance register and copy of the letter will be provided to all the concerned GRO's for information and record.
 - ii. In case the complainant is still dissatisfied with the solution, he/she may approach the Court of Law.
 - iii. **Quarterly Grievance Redressal Report:** Gender and Indigenous peoples Specialist will include information on such grievances in the Quarterly Grievance report as mentioned at Level 2.

**ANNEXURE 5: Quarterly Environmental monitoring results.
Quarter 1(January-March 2023)**

Ambient air quality



**POLLUTION CONTROL BOARD, ASSAM
Bamunimaidam, Guwahati-21**

Ambient Air Quality Test Report

REPORT NO.	AA-14/2023		
SERVICE REQUEST NO.	Request Monitoring	SERVICE REQUEST DATE	28.02.2023
DATE OF ISSUE	21.03.2023	SAMPLE RECEIVED DATE	17.03.2023
NAME & ADDRESS OF CUSTOMER/UNIT			CO-ORDINATES: 26.42524
M/s. A.S. Enterprise, Zoo- Narengi Road, Guwahati-781021. Assam			92.01570

AMBIENT AIR QUALITY ANALYSIS

Sampling Details:

Date and Time of Start of Sampling	16.03.2023 at 11.47 AM
Date and Time of Completion of Sampling	17.03.2023 at 11.50 AM
Sampling done by	Rabiul Haque and Manoj Dutta
Sampling duration	18 hrs. 22 mints.
Sampling Location	Near boundary wall of South West side of the project, Assam Skill University, Bidya Nagar, Mangaldol. Dist. Darrang, Assam.
Date of analysis	21.03.2023
Sampling equipment used	APM460NL,411 & APM550MFC
Ambient Temperature (°C)	Max: 25 Min: 12
Weather condition	Partly Clear
Wind Direction	225.00°
Sampler location w.r.t. height from GL	<3 mtrs.
Photographs (if any)	Not available

Test Result:

Sl. No	Parameters	Test Method	Sampling Method	Result	National Ambient Air Quality Standards as per CPCB, 2009
1	PM 10 or Particulate Matter of size ≤ 10 micron	IS:5182 (Part 23)-2006 (Re-affirmed 2017)	IS:5182 (Part 23)-2006 (Re-affirmed 2017)	432 $\mu\text{g}/\text{m}^3$	100 $\mu\text{g}/\text{m}^3$
2	PM2.5 or Fine Particulate matter of size ≤ 2.5 micron	IS:5182 (Part 24)-2019	IS:5182 (Part 24)-2019	127 $\mu\text{g}/\text{m}^3$	60 $\mu\text{g}/\text{m}^3$
3	Sulphur Dioxide as SO_2	IS:5182(Part2)-2001 (Re-affirmed 2017)	IS:5182(Part2)-2001 (Re-affirmed 2017)	10 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$
4	Oxides of Nitrogen as NO_2	IS:5182(Part6) (Re-affirmed 2022)	IS:5182(Part6) (Re-affirmed 2022)	17 $\mu\text{g}/\text{m}^3$	80 $\mu\text{g}/\text{m}^3$

Note: The results related to the parameter tested only.

Checked by

(G.K.Misra)
Sr.Env.Scientist

Reviewed & Authorized by

(M. Saikia)
Addl. Chief Env. Scientist

Ambient noise level



POLLUTION CONTROL BOARD :: ASSAM

BAMUNIMADAM, GUWAHATI-21.

Ambient Noise Level Report

REPORT NO.	AN-58/2023		
SERVICE REQUEST NO.	Request Monitoring	DATE OF MONITORING	16.03.2023
DATE OF ISSUE	21.03.2023	SAMPLING DURATION	8.00 hrs.
NAME & ADDRESS OF CUSTOMER/UNIT	M/s. A.S. Enterprise, Zoo- Narengi Road, Guwahati-781021. Assam		

Instrument Description:

Make	CASELLA
Model	CEL-620A1/IP
Serial No.	4806714

Sampling Site Description:

Sampling Location	Near boundary wall of South West side of the project, Assam Skill University, Bidya Nagar, Mangaldoi. Dist. Darrang, Assam.
Co-Ordinate	26.42524 92.01570
Weather	Partly Clear
Wind Direction	225.00°
Ambient Temperature	Min. 12°C Max. 25°C
Sampling Done By	Rabiul Haque, AES and Manoj Dutta, Sc. Asstt.
Sampling Time	10.00 AM to 6.00 PM

Results:

Sampling Duration	Noise Level in dB(A)			Ambient Air Quality Standards in respect of Noise in dB(A) Leq		
	Leq	Lmax	Lmin	Area/Zone	Day Time 6.00 AM-10.00 PM	Night Time 10.00 PM-6.00 AM
10.00-11.00 AM	65.2	85.2	47.1	Industrial	75	70
11.00-12.00 Noon	66.3	87.3	49.3			
12.00-1.00 PM	68.2	89.6	47.2	Commercial	65	55
1.00-2.00 PM	68.4	89.8	48.3	Residential	55	45
2.00-3.00 PM	70.3	88.4	55.1	Silence	50	40
3.00-4.00 PM	69.4	86.4	52.1			
4.00-5.00 PM	62.2	80.8	47.6			
5.00-6.00 PM	55.1	62.7	48.5			
Average dB(A) Leq	65.6					

Note: 1. The results related to the parameter tested only.
2. Noise Level Monitoring was conducted during Day Time.

Checked by

(G.K. Misra)
Sr. Env. Scientist

Reviewed & Authorized by

(M. Saikia)
Addl. Chief Env. Scientist

Ground water monitoring

en-VISION

Recognized by Pollution Control Board, Assam

Enviro Technologies North East

Technologies for better tomorrow

TEST REPORT:

Report No: 230206_1503280_0

Sample ID No: EETNE/Feb/01/23/D

Test Starting Date: 01/02/23

Date of Report: 06/02/23

Date of sample receipt: 01/02/23

Test completion Date: 06/02/23

Name & Address of Client		M/s. A.S. Enterprise, Zoo Narengi Road, Guwahati, Assam			
Sample Description		Type: Ground Water		Source : Borewell	
Sample collected by		M/s. En-vision Enviro Technologies North East			
Sample Collection Particulars		Date 01/02/2023	Time 11:00 A.M	Temperature 26°C	Quantity Drawn:2L
		Sampling Method: EETNE/SOP/02			

Sl No.	Parameters	Unit	Result	Reference Method	IS 10500: 2012	
					Acceptable limit	Permissible limit
1	pH	---	6.91	APHA 23 rd Edition, 4500-H ⁺ , Page: 4-95	6.5-8.5	No relaxation
2	Turbidity	NTU	1.1	APHA 23 rd Edition, 2130, Page: 2-13	1.0	5.0
3	TDS	mg/L	171.6	APHA 23 rd Edition, 2540 C, Page: 2-69	500	2000
4	Dissolved Oxygen	mg/L	7.3	APHA 23 rd Edition, 4500-O ₂ , Page: 4-146	--	--
5	Total hardness	mg/L	86.5	APHA 23 rd Edition, 2340 B, Page: 2-48	200	600
6	Calcium	mg/L	43.2	APHA 23 rd Edition, 3500-Ca B, Page: 3-69	75	200
7	Magnesium	mg/L	15.6	APHA 23 rd Edition, 3500-Mg B, Page: 3-86	30	100
8	Total Alkalinity	mg/L	135.3	APHA 23 rd Edition, 2320 B, Page: 2-37	200	600
9	Chloride	mg/L	12.6	APHA 23 rd Edition, 4500-Cl ⁻ B, Page: 4-75	250	1000
10	Sulphate	mg/L	19.3	APHA 23 rd Edition, 4500-SO ₄ ²⁻ E, Page: 4-199	200	400
11	Nitrates	mg/L	4.5	APHA 23 rd Edition, 4500-NO ₃ ⁻ B, Page: 4-127	45	No relaxation
12	Residual Chlorine	mg/L	BDL	APHA 23 rd Edition, 4500-Cl B, Page: 4-63	0.2	1.0



Page 1 of 2


House No. 6, 1st Floor, Sankardev Path, Pub-Saranis, Chandmari, Guwahati-781003, Assam.


Phone : +91 8811096201 | e-mail : envisionghy@gmail.com | visit us at : www.en-vision.in

Sl No.	Parameters	Unit	Result	Reference Method	IS 10500: 2012	
					Acceptable limit	Permissible limit
13	Fluoride	mg/L	0.31	APHA 23 rd Edition, 4500-F ⁻ D, Page: 4-90	1.0	1.5
14	Copper	mg/L	0.024	APHA 23 rd Edition, 3111 B, Page: 3-20	0.05	1.5
15	Iron(as Fe)	mg/L	0.218	APHA 23 rd Edition, 3111 B, Page: 3-20	0.3	No relaxation
16	Cadmium	mg/L	BDL	APHA 23 rd Edition, 3111 B, Page: 3-20	0.003	No relaxation
17	Lead(as Pb)	mg/L	BDL	APHA 23 rd Edition, 3111 B, Page: 3-20	0.01	No relaxation
18	Zinc	mg/L	0.311	APHA 23 rd Edition, 3111 B, Page: 3-20	5	15
19	Chromium Total	mg/L	BDL	APHA 23 rd Edition, 3111 B, Page: 3-20	0.05	No relaxation
20	Manganese	mg/L	0.039	APHA 23 rd Edition, 3111 B, Page: 3-20	0.1	0.3
21	Selenium	mg/L	BDL	APHA 23 rd Edition, 3114A, Page: 3-36	0.01	No relaxation

NOTE: ((TDS) Total Dissolved Solids, (BDL) Below Detection Limit.

For Enviro Enviro Technologies North East


Rimpi Sarma
Environmental Chemist
Test Done By


Dr. Pranita Chakraborty
Quality Manager
Authorized Signatory

Note: i) The results relate only to the parameters tested.
ii) The test report shall not be reproduced except in full, without written approval of laboratory.
iii) Parameter no.13 to 20 were analysed by Department of Chemistry, B. Borooah College as per our MOU.

End of report

Monitoring results for Quarter 2 (April -June 2023)



TC-11384

Pollution Control Board, Assam

Central Laboratory, Bamunimaidam, Guwahati

অসম প্ৰদূষণ নিয়ন্ত্ৰণ পৰিষদ

কেন্দ্ৰীয় পৰীক্ষাগাৰ, বামুনীমৈদাম, গুৱাহাটী



TEST REPORT

REPORT NO.	BTW-18/2023	PAGE	1		
DATE OF ISSUE	26/07/2023	SERVICE REQUEST DATE	16/03/2023		
SERVICE REQUEST NO	----	Sample received on	09.06.2023		
NAME & ADDRESS OF CUSTOMER		SAMPLE DETAILS			
The Project Manager PCPL & BIL(JV) 4 th Floor,Royal Arcade, B.Baruah Road,Guwahati-781007		Description: Sampling done by: A. Chudhury, AES Date of sampling: 09.06.2023 Sampling Location: GW from Assam Skill University Project, Mangaldol, Assam Sampling Protocol: PCBA/LAB/W&WW/SOP/02 Packing: Sealed Marking: Labeled Quantity: 2 Ltrs. Analysis start Date: 09.06.2023 Analysis end Date: 17.06.2023			
S. No.	Parameters	Unit	Results	Permissible Limit (IS 10500:2012)	Test Method
Physico-Chemical Parameter					
1	pH @25°C	-	6.8	6.5 – 8.5	APHA 23 rd Edition, 4500-H ⁺ B: 2017
2	Conductance	µs/cm	209.3	-----	APHA 23 rd Edition, 2510-B: 2017
3	Turbidity	NTU	27	5 NTU	APHA 23 rd Edition, 2130-B: 2017
4	Total Dissolved Solid (TDS)	mg/l	132.0	2000 mg/	APHA 23 rd Edition, 2540-C: 2017
5	Total Hardness as CaCO ₃	mg/l	96.0	600 mg/l	APHA 23 rd Edition, 2340-C: 2017
6	Total Alkalinity as CaCO ₃	mg/l	72.0	600 mg/l	APHA 23 rd Edition, 2320-B: 2017
7	Chloride as Cl ⁻	mg/l	8.0	1000 mg/l	APHA 23 rd Edition, 4500-Cl ⁻ B:2017
8	Calcium	mg/l	78.0	200 mg/l	APHA 23 rd Edition, 3500-Ca B
9	Magnesium	mg/l	18.0	100 mg/l	APHA 23 rd Edition, 3500-Na B
10	Sulphate	mg/l	18.6	400 mg/l	APHA 23 rd Edition, 4500-SO ₄ ²⁻ E
11	Nitrate	mg/l	3.0	45 mg/l	APHA 23 rd Edition, 4500-NO ₃ C
12	Fluoride	mg/l	0.298	1.5mg/l	APHA 23 rd Edition, 4500-F-C

End of Report

Note:

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- This test will not be generated again, either wholly or in part, without written permission of the laboratory.
- The samples will be disposed-off after Fifteen days from the date of issue of test report, unless until specified / requested by the customer.
- For any further query related to analysis results please contact QM, PCBA, Central Laboratory.
- This test report cannot be reproduced except with the permission of the laboratory.

Checked by

(Rita Choudhury)
EES

Authorized Signatory

(M. D. Adhikary)
Sr. Env. Scientist

Head Office : Bamunimaidam, Guwahati - 781021, Assam : India.

Phone : 2652774 & 2550258; Website : www.pcbassam.org; E-mail: membersecretary@pcbassam.org

Groundwater monitoring



Pollution Control Board, Assam

Central Laboratory, Bamunimaidam, Guwahati

অসম প্রদূষণ নিয়ন্ত্রণ পৰিষদ

কেন্দ্রীয় পরীক্ষাগার, বামুনীমৈদাম, গুৱাহাটী



TEST REPORT

REPORT NO.	BTW-18/2023	PAGE	1		
DATE OF ISSUE	26/07/2023	SERVICE REQUEST DATE	16/03/2023		
SERVICE REQUEST NO	----	Sample received on	09.06.2023		
NAME & ADDRESS OF CUSTOMER		SAMPLE DETAILS			
The Project Manager PCPL & BIL(JV) 4 th Floor, Royal Arcade, B Baruah Road, Guwahati-781007		Description: Sampling done by: A. Chudhury, AES Date of sampling: 09.06.2023 Sampling Location: GW from Assam Skill University Project, Mangaldoi, Assam Sampling Protocol: PCBA/LAB/W&WW/SOP/02 Packing: Sealed Marking: Labeled Quantity: 2 Ltrs. Analysis start Date: 09.06.2023 Analysis end Date: 17.06.2023			
S. No.	Parameters	Unit	Results	Permissible Limit (IS 10500:2012)	Test Method
Physico-Chemical Parameter					
1	Iron as Fe	mg/l	0.16	0.3mg/l	APHA 23 rd Edition,3500-Fe:2017
2	Total Solid	mg/l	156.0	-----	APHA 23 rd Edition,2540-B:2017
3	Lead as Pb	mg/l	BDL	-----	APHA 23 rd Edition,3111-B:2017
4	Zinc as Zn	mg/l	0.006	15 mg/l	APHA 23 rd Edition,3111-B:2017
5	Copper as Cu	mg/l	BDL	1.5mg/l	APHA 23 rd Edition, 3111-B:2017
6	Cr (T)	mg/l	BDL	-----	APHA 23 rd Edition,3111-B:2017
7	Nickel as Ni	mg/l	BDL	-----	APHA23rd Edition, 3111-B:2017
8	Cadmium as Cd	mg/l	BDL	-----	APHA23rd Edition,3111-B:2017
9	Mercury as Hg	mg/l	BDL	-----	APHA23rd Edition,3112-B:2017
10	Residual Chlorine	Mg/l	NIL	1.0mg/l	APHA 23 rd Edition,4500-Cl B:2017
11	Arsenic as As	mg/l	BDL	-----	APHA23rd Edition,3114-B:2017
12		MPN/100ml	Nil	Should not be detectable in any 100ml sample	APHA23rd Edition,9221E:2017
	Total Coliform				
13	Faecal Coliform	MPN/100ml	Nil	Should not be detectable in any 100ml sample	APHA23rd Edition,9221F:2017

BDL: Below Detectable Limit

End of Report

Note:

1. The results given above are related to the tested sample, for various parameters as analyzed. The customer asked for the above tests only.
2. This test will not be generated again, either wholly or in part, without written permission of the laboratory.
3. The samples will be disposed-off after Fifteen days from the date of issue of test report, unless until specified / requested by the customer.
4. For any further query related to analysis results please contact QM, PCBA, Central Laboratory.
5. This test report cannot be reproduced except with the permission of the laboratory.

Checked by

(Rita Choudhury)
EES

Authorized Signatory

(M. D. Adhikary)
Sr. Env. Scientist

Head Office : Bamunimaidam, Guwahati - 781021, Assam : India.

Phone : 2652774 & 2550258; Website : www.pcbassam.org; E-mail: membersecretary@pcbassam.org

Surface water monitoring



Pollution Control Board, Assam Central Laboratory, Bamunimaidam, Guwahati

অসম প্রদূষণ নিয়ন্ত্রণ পৰিষদ
কেন্দ্রীয় পরীক্ষাগার, বামুনীমৈদাম, গুৱাহাটী



TEST REPORT

REPORT NO.	BTW-19/2023	PAGE	1		
DATE OF ISSUE	26/07/2023	SERVICE REQUEST DATE	16/03/2023		
SERVICE REQUEST NO	----	Sample received on	09.06.2023		
NAME & ADDRESS OF CUSTOMER		SAMPLE DETAILS			
The Project Manager PCPL &BIL(JV) 4 th Floor, Royal Arcade, B.Baruah Road, Guwahati-781007		Description:			
		Sampling done by: A. Chudhury, AES			
		Date of sampling: 09.06.2023			
		Sampling Location: Water from Bega River at Mangaldoi Town, Assam			
		Sampling Protocol: PCBA/LAB/W&WW/SOP/02			
		Packing: Sealed			
Marking: Labeled					
Quantity: 2 Ltrs.					
Analysis start Date: 09.06.2023					
Analysis end Date: 17.06.2023					
S. No.	Parameters	Unit	Results	Permissible Limit (IS 2296-1982)	Test Method
Physico-Chemical Parameter					
1	pH @25°C	-	7.6	6.5 – 8.5	APHA 23 rd Edition, 4500-H ⁺ B: 2017
2	Conductance	µs/cm	137.2	-----	APHA 23 rd Edition, 2510-B: 2017
3	Turbidity	NTU	8.2	5 NTU	APHA 23 rd Edition, 2130-B: 2017
4	COD	mg/l	12.0	-----	IS 3025 (Part 58)
5	BOD	mg/l	3.4	3.0mg/l	IS 3025 (Part 44)
6	Total Dissolved Solid (TDS)	mg/l	86.0	1500 mg/	APHA 23 rd Edition, 2540-C: 2017
7	Total Hardness as CaCO ₃	mg/l	46.0	600 mg/l	APHA 23 rd Edition, 2340-C: 2017
8	Total Alkalinity as CaCO ₃	mg/l	112.0	600 mg/l	APHA 23 rd Edition, 2320-B: 2017
9	Total Suspended Solid	mg/l	28.0	-----	APHA 23 rd Edition, 2540-D: 2017
10	Chloride as Cl ⁻	mg/l	6.0	1000 mg/l	APHA 23 rd Edition, 4500-Cl ⁻ B: 2017
11	Calcium	mg/l	32.0	200 mg/l	APHA 23 rd Edition, 3500-Ca B
12	Magnesium	mg/l	14.0	100 mg/l	APHA 23 rd Edition, 3500-Na B
13	Sulphate	mg/l	18.8	400 mg/l	APHA 23 rd Edition, 4500-SO ₄ ²⁻ E
14	Nitrate	mg/l	1.5	45 mg/l	APHA 23 rd Edition, 4500-NO ₃ ⁻ C
15	Fluoride	mg/l	0.306	1.5mg/l	APHA 23 rd Edition, 4500-F-C

End of Report

Note:

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Checked by

(Rita Choudhury)
EES

Authorized Signatory

(M. D. Adhikary)
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Head Office : Bamunimaidam, Guwahati - 781021, Assam : India.

Phone : 2652774 & 2550258; Website : www.pcbassam.org; E-mail: membersecretary@pcbassam.org



Pollution Control Board, Assam

Central Laboratory, Bamunimaidam, Guwahati

অসম প্রদূষণ নিয়ন্ত্ৰণ পৰিষদ

কেন্দ্ৰীয় পরীক্ষাগার, বামুনীমৈদাম, গুৱাহাটী



LIFE

Lifestyle for
Environment

TEST REPORT

REPORT NO.	BTW-19/2023	PAGE	1
DATE OF ISSUE	26/07/2023	SERVICE REQUEST DATE	16/03/2023
SERVICE REQUEST NO	----	Sample received on	09.06.2023
NAME & ADDRESS OF CUSTOMER		SAMPLE DETAILS	
The Project Manager PCPL&BIL(JV), 4 th Floor, Royal Arcade, <u>B Baruah Road, Guwahati-781007</u>		Description: Sampling done by: A. Chudhury, AES Date of sampling: 09.06.2023 Sampling Location: Water from Bega River at Mangaldoi Town, Assam Sampling Protocol: PCBA/LAB/W&WW/SOP/02 Packing: Sealed Marking: Labeled Quantity: 2 Ltrs. Analysis start Date: 09.06.2023 Analysis end Date: 17.06.2023	

S. No.	Parameters	Unit	Results	Permissible Limit (IS 2296-1982)	Test Method
Physico-Chemical Parameter					
1	DO	mg/l	7.4	4.0mg/l	IS3025(part38):1989(Reaffirmed2003)
2	Iron as Fe	mg/l	0.20	50mg/l	APHA23rd Edition,3500-Fe:2017
3	Phosphate as PO ₄	mg/l	0.12	-----	APHA23rd Edition,4500-PC:2017
4	Lead as Pb	mg/l	BDL	0.1mg/l	APHA23rd Edition,3111-B:2017
5	Zinc as Zn	mg/l	0.042	15mg/l	APHA23rd Edition,3111-B:2017
6	Copper as Cu	mg/l	BDL	1.5mg/l	APHA23rd Edition,3111-B:2017
7	Cr (T)	mg/l	BDL	-----	APHA23rd Edition,3111-B:2017
8	Nickel as Ni	mg/l	BDL	-----	APHA23rd Edition,3111-B:2017
9	Cadmium as Cd	mg/l	BDL	0.01mg/l	APHA23rd Edition,3111-B:2017
10	Mercury as Hg	mg/l	BDL	-----	APHA23rd Edition,3112-B:2017
11	Arsenic as As	mg/l	BDL	0.2mg/l	APHA23rd Edition,3114-B:2017
12	Total Coliform	MPN/100ml	3500	5000MPN/100ml	APHA23rd Edition,9221E:2017
13	Faecal Coliform	MPN/100ml	1100	2500MPN/100ml	APHA23rd Edition,9221F:2017

BDL: Below Detectable Limit

End of Report

Note:

1. The results given above are related to the tested sample, for various parameters as analyzed. The customer asked for the above tests only.
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Checked by

(Rita Choudhury)
EES

Authorized Signatory

(M. D. Adhikary)
Sr. Env. Scientist

Head Office : Bamunimaidam, Guwahati - 781021, Assam : India.

Phone : 2652774 & 2550258; Website : www.pcbassam.org; E-mail: membersecretary@pcbassam.org

Ambient air quality monitoring



Pollution Control Board, Assam

Central Laboratory, Bamunimaidam, Guwahati

অসম প্রদূষণ নিয়ন্ত্রণ পৰিষদ

কেন্দ্রীয় পরীক্ষাগার, বামুনীমৈদাম, গুৱাহাটী



Test Report

REPORT NO.	AA- 23/23		
SERVICE REQUEST NO.	Request Monitoring	SERVICE REQUEST DATE	16.03.2023
DATE OF ISSUE	26/07/2023	SAMPLE RECEIVED DATE	09.06.2023
Location Details: M/s Pawan & Brahmaputra (JV), 4 th Floor, Royal Arcade, B. Baruah Road, Guwahati-781007, Assam.			
Location Code	Location Description		GPS Co-Ordinates
L1	At the construction area of South West direction of the project, Assam Skill University, Bidya Nagar, Mangaldoi.		Lat: 26.424271° Long: 92.015389°

AMBIENT AIR QUALITY ANALYSIS

Sampling Details:

Date and Time of Start of Sampling	07.06.2023 at 11.47 AM
Date and Time of Completion of Sampling	08.06.2023 at 11.50 AM
Sampling done by	Amarendra Choudhury, AES and Manoj Kr Dutta, SA-III
Sampling duration	11 hrs. 06 mints.
Date of analysis	12-06-2023
Sampling equipment used	RDS:PCBA/Air/PM10/04 & FPS: PCBA/Air/PM2.5/03
Ambient Temperature (°C)	Max: 39 °C Min: 32 °C
Weather condition	Clear sky
Sampler location w.r.t. height from GL	3 to 10 meters

Test Result:

Sl. No	Parameters	Test Method	Sampling Method	Unit	Result	NAAQ Standards as per CPCB, 2009
					Location L1	
1	PM 10 or Particulate Matter of size ≤ 10 micron	IS:5182 (Part 23)-2006 (Re-affirmed 2017)	IS:5182 (Part 23)-2006 (Re-affirmed 2017)	$\mu\text{g}/\text{m}^3$	477	100
2	PM2.5 or Fine Particulate matter of size ≤ 2.5 micron	IS:5182 (Part 24)2019	IS:5182 (Part 24) 2019	$\mu\text{g}/\text{m}^3$	165	60
3	Sulphur Dioxide as SO_2	IS:5182(Part2)-2001 (Re-affirmed 2017)	IS:5182(Part2)-2001(Re-affirmed 2017)	$\mu\text{g}/\text{m}^3$	15	80
4	Oxides of Nitrogen as NO_2	IS:5182(Part6) (Re-affirmed 2022)	IS:5182(Part6) (Re-affirmed 2022)	$\mu\text{g}/\text{m}^3$	21	80

End of Report

Note: The results related to the parameter tested only.

Checked By

(G.K. Misra)
Sr. Env. Scientist

Reviewed & Authorized by

(Monoj Saikia)
Addl. Chief Env. Scientist

Ambient noise level monitoring



Pollution Control Board, Assam

Central Laboratory, Bamunimaidam, Guwahati

অসম প্রদূষণ নিয়ন্ত্রণ পৰিষদ

কেন্দ্রীয় পরীক্ষাগার, বামুনীমৈদাম, গুৱাহাটী



LiFE
Lifestyle for
Environment

Ambient Noise Level Report

REPORT NO.	AN-66 /2023		
SERVICE REQUEST NO.	Request Monitoring	DATE OF MONITORING	07.06.2023
DATE OF ISSUE	26/07/2023	SAMPLING DURATION	14.00 hrs.
NAME & ADDRESS OF CUSTOMER/UNIT	M/s Pawan & Brahmaputra (JV), 4 th Floor, Royal Arcade, B. Baruah Road, Guwahati-781007, Assam.		

Instrument Description:

Make	Model	Serial No.
CASELLA	CEL-620A1/IP	4806714

Sampling Site Description:

Sampling Location	Near office building of the project, Assam Skill University, Bidya Nagar, Mangaldoi. Dist. Darrang, Assam.
Co-Ordinate	Lat: 26.424271° ; Long: 92.015389°
Weather	Clear
Wind Direction	225.00°
Ambient Temperature	Min: 25°C Max: 37°C
Sampling Done By	Amarendra Choudhury, AES and Manoj Dutta, Sc. Asstt.
Sampling Time	2 PM to 5 AM

Results:

Sampling Duration	Noise Level in dB(A)						Time Zone
	Leq	Lmax	Lmin	L ₅₀	L ₅₀	L ₁₀	
2 PM-3PM	69.5	85.6	48.4	50.2	54.6	59.7	Day time Average Leq = 63.9
3PM-4PM	70.2	86.2	48.6	50.4	57.2	63.2	
4PM-5PM	69.1	84.2	47.3	49.3	55.6	62.2	
6PM-7PM	65.5	82.4	46.3	48.8	54.3	60.3	
7PM-8PM	60.1	80.3	44.4	46.1	49.2	53.7	
8PM-9PM	58.2	77.2	44.1	45.8	48.3	50.3	
9PM-10PM	55.1	72.2	40.3	42.3	45.4	50.1	
10PM-11PM	53.3	68.3	40.1	41.2	43.3	48.2	Night Time Average Leq = 49.3
11PM-12 PM	51.3	59.1	38.2	39.2	40.3	46.1	
12PM-1AM	48.2	58.1	38.4	39.3	40.1	45.3	
1AM-2AM	48.1	58.7	38.5	39.5	40.0	44.1	
2AM-3AM	48.3	57.8	38.7	39.1	39.9	43.7	
3AM-4AM	47.4	58.1	39.2	40.2	40.4	43.1	
4AM-5AM	48.5	59.2	40.1	41.1	42.2	44.7	



Pollution Control Board, Assam

Central Laboratory, Bamunimaidam, Guwahati

অসম প্রদূষণ নিয়ন্ত্ৰণ পৰিষদ

কেন্দ্ৰীয় পৰীক্ষাগাৰ, বামুনীমৈদাম, গুৱাহাটী



LiFE
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Environment

Ambient Air Quality Standards in respect of Noise in dB(A) Leq		
Area/Zone	Day Time	Night Time
	6.00 AM-10.00 PM	10.00 PM-6.00 AM
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence	50	40

Note: 1. The results related to the parameter tested only.

Checked by

(G.K. Misra)
Sr. Env. Scientist

Reviewed & Authorized by

(M. Saikia)
Addl. Chief Env. Scientist

Annexure 6: Contract Labour License CW01

STOP CHILD LABOUR

 FORM-VI [See Rule-25(1)]	
Office of the Commissionerate of Labour LICENSE UNDER CONTRACT LABOUR (REGULATION & ABOLITION) ACT, 1970	
UBIN :	618/883627/NOPAN/2/2023
UAIN :	LCFORMIV/CL/2023/04802
License No. :	CLL/2023/351681739008881KR
Date of Issue :	17/04/2023
<p>1. Licence is hereby granted to A S ENTERPRISE under Section 12(1) of the Contract Labour (Regulation and Abolition) Act, 1970 subject to the conditions specified in the Annexure.</p>	
<p>2. The Licence is for doing the work of Construction of ASU Boundary wall, in the Establishment of ASSAM SKILL UNIVERSITY, C/O. at 3RD FLOOR, DETC OFFICE COMPLEX, , REHABARI, KAMRUP METRO - 781008, ASSAM.</p>	
<p>3. The Licence shall remain in force till 15/04/2024.</p>	
<p>4. Maximum No of contract labour proposed to be employed in the establishment on any date : 60 nos.</p>	
<p>5. VALID FOR ALL OVER ASSAM, and only for the purpose mentioned in this certificate.</p>	
<p>6. <u>Payment Details:</u></p>	
GRN	AS000486875202324E
CIN	05131322023170400537
Txn Date	20230417193053
Bank	HDF
Code	
Amount	18700.00
Status	Y
	
<p>(Scan the QR Code for authentication)</p>	
<p>Office of the Commissionerate of Labour Licensing Officer</p>	
<p>*** This is a computer generated certificate and it does not require a Signature/Seal.*** ***Terms & Conditions of this Certificate is enclosed as Annexure-I.***</p>	

STOP CHILD LABOUR

Annexure 7: Contract Labour License of CW02

STOP CHILD LABOUR

 FORM-VI [See Rule-25(1)]	
Office of the Commissionerate of Labour LICENSE UNDER CONTRACT LABOUR (REGULATION & ABOLITION) ACT, 1970	
UBIN :	618/959453/NOPAN/12/2022
UAIN :	LCFORMIVCL/2022/22602
License No. :	CLL/2022/22602
Date of Issue :	16/12/2022
<p>1. Licence is hereby granted to PAWAN COMMUNICATIONS PVT LTD IN JV WITH BRAHMAPUTRA INFRASTRUCTURE LIMITED under Section 12(1) of the Contract Labour (Regulation and Abolition) Act, 1970 subject to the conditions specified in the Annexure.</p> <p>2. The Licence is for doing the work of CONSTRUCTION OF ASU CAMPUS AND FACILITIES, in the Establishment of MISSION DIRECTOR ASSAM SKILL DEVELOPMENT MISSION CUM CEO ASSAM SKILL UNIVERSITY PROJECT, C/O. GOVT. OF ASSAM at DECT, REHABARI, GUWAHATI, KAMRUP METRO - 781008, ASSAM.</p> <p>3. The Licence shall remain in force till 01/12/2023.</p> <p>4. Maximum No of contract labour proposed to be employed in the establishment on any date : 100 nos.</p>	
	
KIMTING SINGSON Digitally signed by KIMTING SINGSON Date: 2022.12.16 16:48:40 +05'30' Signature of the Licensing Officer	

STOP CHILD LABOUR

Reference No: LCFORMIVCL/2022/22602 To View: <https://eoddb.assam.gov.in/ReCv/0451AB59> Token No: 0451AB59

Annexure 8: Migrant Labour License of CW02

STOP CHILD LABOUR



GOVT. OF ASSAM
LO Office(Mangaldoi)
FORM 11

CERTIFICATE OF REGISTRATION UNDER INTER-STATE MIGRANT WORKMEN (RE & CS) ACT, 1979.

UAIN : LCFORM1/2023/00020
Registration No. : MGW(E)/2023/U416862874013122R
Date of Issue : 09/06/2023

A Certificate of registration containing the following particulars is hereby granted under Clause(a) of Sub-Section-(2) of Section-4 of the Inter-State Migrant Workmen (Regulation of employment and conditions of service) Act 1979, and the rules made thereunder to M/S PAWAN COMMUNICATION PVT LTD IN JV WITH BRAHMAPUTRA INFRASTRUCTURE LIMITED .

1. Nature of work carried on in the establishment: CONSTRUCTION OF ASU CAMPUS AND FACILITIES

2. Name and Address of contractors:

S. No.	Full Name	Street Name 1	Street Name 2	Village/Town	District	Pincode	State
1.	PAWAN COMMUNICATION PVT LTD IN JV WITH BRAHMAPUTRA INFRASTRUCTURE LIMITED	ROYAL ARCADE, PART -II, 4TH FLOOR, B, BARUAH ROAD, ULUBARI	ULUBARI	GUWAHATI	KAMRUP	781007	ASSAM

3. Nature in which migrant workmen are to be employed or are employed: CONSTRUCTION OF ASU CAMPUS AND FACILITIES

4. Maximum no. of migrant workmen to be employed on any day through each contractor: 20

5. Other particulars relevant to the employment of migrant workmen:

6. Payment Details:

GRN AS001458940202324E
CIN 00030302023090648484
Txn Date 09/06/2023
Amount 30.00
Status Y



LO Office(Mangaldoi)
Registering Officer

(Scan the QR Code for authentication)

*** This is a computer generated certificate and it does not require a Signature/Seal.***

Annexure 9: NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION- CW01



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)
NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	As Enterprise		
Project Address:	Bidya Nagar Mangaldoi, Darrang		
Town:	Mangaldoi (mb)	Block:	Pachim-mangaldai
District:	Darrang	State:	Assam
Pin Code:			
Communication Address:	Asenterprise B4-403, Lalmati Games Village, Basistha, Guwahati, Kamrup Metro, Assam - 781029		
Address of CGWB Regional Office :	Central Ground Water Board North Eastern Region, Betkuchi, Opposite Isbt., Nh-37, Guwahati., Kamrup Metro, Assam - 781005		

1. NOC No.:	CGWA/NOC/INF/ORIG/2023/18292					2. Date of Issuance	21/04/2023						
3. Application No.:	21-4/2610/AS/INF/2023					4. Category: (GWRE 2020)	Safe						
5. Project Status:	New Project					6. NOC Type:	New						
7. Valid from:	21/04/2023					8. Valid up to:	20/04/2028						
9. Ground Water Abstraction Permitted:													
Fresh Water			Saline Water			Dewatering			Total				
m ³ /day		m ³ /year	m ³ /day		m ³ /year	m ³ /day		m ³ /year	m ³ /day		m ³ /year		
60.00		18000.00											
10. Details of ground water abstraction /Dewatering structures													
Total Existing No.:0							Total Proposed No.:2						
		DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*		0	0	0	0	0	0	0	0	0	2	0	0
*DW- Dug Well, DCB-Dug-cum-Bore Well, BW-Bore Well, TW-Tube Well, MP-Mine Pit,MPu-Mine Pumps													
11. Ground Water Abstraction/Restoration Charges paid (Rs.):								18000.00					
12. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.						No. of Piezometers		Monitoring Mechanism					
								Manual		DWLR**		DWLR With Telemetry	
**DWLR - Digital Water Level Recorder						1		0		1		0	

(Compliance Conditions given overleaf)


This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE


Annexure 11: Source approvals of construction materials

CTO of aggregate crusher submitted by CW01



NEHA

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/TEZ/T-2144/22-23/18

Dated Guwahati, the 9th Jun, 2023

CONSENT TO OPERATE

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

- i) Name of Industry : M/s Daorao Stone Crusher and Screening Plant.
- ii) Name of the Occupier / Applicant and Designation :
- iii) Address of Industry : Vill. Baghekhowa, P.O. Panery Hat, Dist-Udalguri, Assam-784524.
- iv) Project cost : Rs. 92.50 (In Lakhs)
- v) Type of Project/Category : Stone Crusher (Orange Category)
- vi) Details of Crusher

Sl No.	Number/Type of Crusher	Capacity
1	Primary Crusher	2 x 150 TPH
2	Secondary Crusher	3 x 100 TPH

- vi) Details of Raw Materials:

Sl No.	Name	Quantity
1	River Boulder and Gravel	22000 m ³ /Month

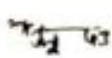
- vii) Details of Product :

Sl No.	Product	Quantity/ Capacity
1	Stone Chips	15000 m ³ /Year
2	Stone Dust	3000 m ³ /Year

- viii) D. G. Set : 1 x 625 KVA + 1 x 365 KVA
- ix) Source of Raw Material: Beltola SS Mahal

TERMS AND CONDITIONS:

1. The Consent to Operate (CTO) has been accorded based on the particulars furnished by the applicant vide Application ID-1917877 and subject to addition of further or more conditions if so warranted by subsequent developments. The CTO will automatically become invalid if any change or alteration or deviation is made in actual practice.
2. The CTO is valid for a period up to 31.03.2024.
3. 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 genuine complaint received;



Contd... n. 3



4. The unit shall obtain prior Consent to Establish from the Board, for any further expansion, alteration, modification or modernization of the project.
5. Proper housekeeping shall be maintained within unit premises. Burning of any wastes inside the premises is strictly prohibited.
6. The project proponent shall develop a greenbelt/plantation area with native trees covering atleast 33% of the total plot area.
7. The project authority shall install a Display Board as per the Board's notification no. PCBA/LGL-95/2021/Notification/01 dtd.11.11.2021 as (Appendix-A).
8. The unit shall install permanent boundary line/partition wall of minimum 10 ft height with tin/asbestos sheet or non-porous partition material with installation of permanent boundary posts.
9. As per the provisions of the Water (Prevention and Control of Pollution) Act, 1974 as amended and the Air (Prevention and Control of Pollution) Act, 1981 as amended, any Officer empowered by the Board on its behalf shall have without interruption, the right at any time to enter the unit premises for inspection, collection of sample for analysis and may call for any information as deemed necessary. Denial of this right will cause withdrawal of the CTO.

Specific Conditions:

A. Air Aspect:-

1. The unit shall install and operate the crusher and screening machine, with proper enclosure and dust collection system.
2. The stone crushing unit shall implement the following air pollution control measures to control source as well as fugitive emission:
 - a. Dust containment cum suppression system at raw material feed Hopper, all material transfer and dropping points.
 - b. Construction of the metallic haul roads within the premises.
3. 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 $600\mu\text{g}/\text{m}^3$.
4. The unit shall comply with the ambient noise level standard, notified by MoEF & CC, GOI vide GSR 7 dated Dec.22, 1998 as mentioned herein under.

Limit in dB (A) Leq	
Day Time (6:00am-10:00pm)	Night Time (10:00pm-6:00am)
75	70

5. The unit shall comply with the Standards and Guidelines for control of Noise Pollution from Stationary Diesel Generator Set(s), notified by MoEF & CC, GOI vide GSR 7, dated Dec.22, 1998 (Appendix-B).
6. The Ambient Air Quality, within the Plant premises shall be maintained within the National Ambient Air Quality Standards, notified by MoEF & CC, vide G.S.R.826 (E) dtd.19.11.2009, especially with respect to PM_{10} & $\text{PM}_{2.5}$, as mentioned herein under;

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural & Other Area	Ecologically Sensitive Area (notified by Central Government)
1.	Particulate Matter (size less than $10\mu\text{g}$) or $\text{PM}_{10} \mu\text{g}/\text{m}^3$	Annual* 24 hours**	60 100	60 100
2.	Particulate Matter (size less than $2.5\mu\text{g}$) or $\text{PM}_{2.5} \mu\text{g}/\text{m}^3$	Annual* 24 hours**	40 60	40 60



B. Water aspect:-

1. Source of Water: Ground Water
2. Details of water consumption and effluent generation:-

SL NO.	NAME	QUANTITY
1	Raw water Consumption	6.0 KLD
2	Effluent Generation	0.5 KLD
3	Permission from C.G.W.A	Not Obtained

3. Permission/Exemption of the Central Ground Water Authority shall be obtained for extraction of Ground Water, as applicable.
4. i) Storm water shall not be allowed to mix with any effluent and/or floor washings.
ii) Storm water within the battery limits shall be channelized through separate drain/pipe passing through an Oil and Grease Trap cum sedimentation tank.
iii) For storm water discharge, the unit shall comply with general effluent discharge parameters standard, notified by MoEF & CC, GOI vide G.S.R. 422 (E); dated 31.12.1993 (Appendix-C).
5. Rain water harvesting facility shall be installed and maintained.

C. Solid Waste Aspect:

1. Adequate facility shall be created for collection, storage, transportation, treatment and disposal of non-hazardous solid waste generated from the unit.
2. Adequate system shall be adopted on reduction of waste generation and enhancement of re-utilization and recycling of waste materials.
3. Solid waste generated in the unit shall be disposed of as per the provisions of Solid Waste Management Rules, 2016.

D. Hazardous Waste Aspects:

1. Authorization under Hazardous & Other Wastes (Management & Trans-boundary Movement) Rules, 2016 shall be obtained from the Board.
2. The project authorities shall comply with the provisions of the said Rules.
3. Adequate facility shall be provided for collection and storage of used/spent oil, which shall be sent to registered recyclers for recycling.
4. The unit shall dispose of any other Hazardous Waste generated by the unit as per the provisions of the Rules.
5. The unit shall identify and quantify all streams of Hazardous Waste generation as per Schedule-I and maintain proper record in Form-III of the said Rules.
6. The unit should submit the annual return in Form-IV under the said rules on or before 30th June every year.

The unit shall submit compliance report of the mandated conditions by April 15th every year to Member Secretary, PCBA as well as to Regional Laboratory cum Office, Tezpur, PCBA. The Board will have the liberty to withdraw the CTO if adequate pollution control and safety measures are not implemented by the unit.

(Shantanu Kr. Dutta)
Member Secretary

Memo No. WB/TEZ/T-2144/22-23/18-A

Dated Guwahati, the 9th Jun, 2023

Copy to:

✓ M/s Daorao Stone Crusher and Screening Plant, Vill. Baghekhowa, P.O. Panery Hat, Dist-Udalguri, Assam-784524 for information and compliance of condition.

(Shantanu Kr. Dutta)
Member Secretary

A. MoU Signed by CW02 Contractor with Rowta S/G Mahal for supply of construction materials.

PAWAN & BRAHMAPUTRA (JV)
4th Floor, Royal Arcade, B. Baruah Road, Guwahati- 781007, Assam

Ref: Mangaldai/ASDM/ENV/2023-24/009 **Dated: February 5th 2023**

MEMORANDUM OF UNDERSTANDING

The memorandum of understanding (MOU) is signed this day February 5th 2023 between M/S PAWAN & BRAHMAPUTRA (JV) First Party and M/S Rowta S/G Mahal (Second Party). The first party being in construction business requires sand & subgrade for the Asian Development Bank (ADB) funded Assam Skill University Campus and Facilities under implementation at Mangaldoi, Darrang District, Assam. The second party having complied with all regulatory clearances and permissions for its quarries & crusher at Dag Number 54, Village Baghekhowa Mouza Harisinga, Udalguri, Assam-784510 is willing to supply construction materials (sand & subgrade etc.) to this first party at terms and conditions drafted under the separate agreement. Both the parties agree, through this MOU, for the supply of construction materials (Sand & sub-grade etc.) till the completion of projects.

For M/S PAWAN & BRAHMAPUTRA (JV)

For M/S Rowta S/G Mahal


M/S PAWAN & BRAHMAPUTRA (JV)
Mahesh Chakraborty
Authorized Signatory

(Authorized Signatory)


(Authorized Signatory)

B. EC granted for collection of Sand and Gravel from Rowta S/G Mahal submitted by CW02

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, ASSAM
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE, GOVT OF INDIA
BAMUNIMARDAM, GUWAHATI-781021, ASSAM.

No. SEIAA.1630/2021/EC/14 /1437 Dated: 7/5/2021
 Proposal No. SIA/AS/MIN/188152/2020

To: Sri Krishna Narzari
 Vill. Dakhin Naoherma
 P.O. Pathakpur
 Dist. Udaiguri, BTAD, Assam

Sub: - Environment Clearance for Collection of Sand & Gravel from "Rowta S/G Mahal" under Mazbat Range of Dhansiri Forest Division, Dist. Udaiguri, BTAD, Assam by Sri Krishna Narzari.

This has reference to your application for Prior Environmental Clearance dated 05/10/2019 along with Form-1M, Mining Plan, D.F.O. letter, Google map with G.P.S. Co-ordinates and other relevant documents for Collection of Sand & Gravel from "Rowta S/G Mahal" under Mazbat Range of Dhansiri Forest Division, Dist. Udaiguri, BTAD, Assam.

The quantity of Sand & Gravel to be collected is:

Sand:	4,250 cu.m (Four Thousand Two Hundred Fifty) only for 2(Two) years @ 2,125 cu.m (Two Thousand One Hundred Twenty Five) only for per year.
Gravel:	8,500 cu.m (Eight Thousand Five Hundred) only for 2(Two) years @ 4,250 cu.m (Four Thousand Two Hundred Fifty) only for per year.
Total Allotted area:	4.79 Ha.
Mining Area:	4.45 Ha.

The Sand & Gravel shall be extracted only from the area of the GPS Co-ordinates shown below as per Mining plan:

<u>Longitude (East)</u>	<u>Latitude (North)</u>
1. E- 92°13'50.9"	N- 26°50'57.9"
2. E- 92°13'58.1"	N- 26°50'58.1"
3. E- 92°13'38.3"	N- 26°50'58.3"
4. E- 92°13'39.2"	N- 26°50'39.2"

The Sand & Gravel shall be extracted manually/semi mechanized way from "Rowta S/G Mahal" under Mazbat Range of Dhansiri Forest Division, Dist. Udaiguri, BTAD, Assam.

The proposal was examined and processed in accordance with EIA Notification 2006 and its amendments thereof. The State Level Expert Appraisal Committee (SEAC), Assam examined the documents of the proposal for Collection of Sand & Gravel at its meeting held on 03/04/2021. Accordingly, the application was discussed and thoroughly scrutinized by the SEAC and found that the project falls under I(a) and considered as B2 Category of EIA Notification 2006 and subsequent amendment. The Committee recommended the project to the SEIAA, Assam for issuance of Environmental Clearance.

Based on the recommendation of the SEAC, the State Environment Impact Assessment Authority, Assam (SEIAA) considered the proposal in its meeting held on 12/04/2021 and accords Prior Environmental Clearance to the project as mentioned above under the provisions of EIA notification 2006 and its subsequent amendments issued under Environment Protection Act 1986 subject to compliance of following specific and general conditions.

The operational area of mining must be confined to the given 4.79 Ha area bound by the coordinates mentioned above and there shall not be any other area of mining contiguous to this.

Member Secretary
 State Level Environment Impact
 Assessment Authority, Assam.

Page 1 of 4

The project proponent is to submit a declaration in writing to this effect before commencement of the work.

1. Specific Conditions

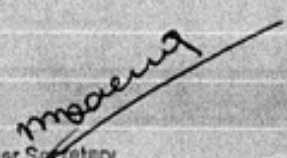
1. The legal status of the mining area remains unchanged.
2. The lease holder shall undertake adequate safeguard during Collection of Sand & Gravel and ensure that due to this activity, the hydro geological and ecological regime of the surrounding area shall not be affected. Regular monitoring of ground water level and quality shall be carried out around the mine lease area during the mining operation. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.
3. Manual/semi-mechanized way and low impact Collection of Sand & Gravel shall be undertaken.
4. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter as at loading and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. The status of implementation of measures taken shall be reported to SLIAA and work shall be completed before the start of mining.
5. Quarrying shall be restricted within the area as per GPS Co-ordinates mentioned above.
6. There shall be a stockyard to stock mining material outside the quarry site. Parking shall not be made on public road or in the river bed.
7. The following measures are to be further implemented to reduce air pollution during transportation of mineral:
 - Roads shall be graded to mitigate the dust emission.
 - Over filling of tippers and consequent spillage on the roads shall be avoided.
8. Measures should be taken to comply with the provisions laid under Noise Pollution (Regulation and Control) (Amendment) Rules, 2010 issued by the MoEF, Govt. of India.
9. Mining shall be limited to day time only.
10. No mining shall be carried out in the safety zone of any bridge and / or embankment.
11. No mining shall be carried out in the vicinity of natural / manmade archaeological sites.
12. No wildlife habitat will be disturbed and also aquatic Flora & Fauna of the river will not be disturbed.
13. **Green belt development shall be carried out in 20% of total mine area either on river bank or along road side considering CPCB guidelines with native tree species in the mining area.**
14. User agency shall not make any fresh approach road over any part of the forest land but may use existing forest road only.
15. Transport of materials shall be done by covering the trucks/tractors with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
16. Appropriate mitigation measures shall be taken to prevent any kind of pollution. It shall be ensured that there is no leakage of oil and grease from the vehicles used for transportation.
17. Special Measures shall be adopted to prevent the nearby settlement from the impacts of mining activities.
18. Dispensary facilities for first-aid shall be provided at site to the workers.
19. Occupational health surveillance program of the workers should be undertaken periodically.
20. Conservation measures shall be taken for protection of Flora & Fauna in the core and buffer zone.
21. It shall be ensured that collection of mining materials does not disturb or change the underlying soil characteristic of river bed/basin, where mining is carried out.
22. It shall be ensured that mining does not in any way disturb the turbidity, velocity and flow pattern of the river water.
23. Conservation measures shall be taken for protection of flora & fauna in the core and buffer zone.
24. The fauna nesting area shall not be used for mining.
25. Extraction of mining materials shall be restricted within central three - fourth width of the river.

meant
Member Secretary
State Level Environment Impact
Assessment Authority, Assam.

26. A maximum depth of 2.5 m has been allowed for mining the river bed from un-mined bed level, keeping at least 2.5 m of Sand Layer below the water level of the river as sand bed.
27. This Environmental Clearance is applicable only subject to receipt of mining permit by the project proponent from the Competent Authority as per AMMC Rule, 2013 and subsequent amendment.
28. Measures for prevention & control of Soil erosion & management of site shall be undertaken.
29. It shall be ensured that excavations of same dose not disturb or changes the underlying soil characteristics of the river bed basin where mining is carried out.
30. It shall ensure that mining dose not many ways disturbed the turbidity, velocity & slow pattern of the river water.
31. **Mining shall be restricting two (2) meters depth of excavation from the general ground level. Further, mining is allowed keeping 5 (five) meters free from right side of the river bank.**
32. To maintain safety & stability of river bank 10% of the width of the river shall be left intact as no mining Zone.
33. No river/Stream should be diverted for the purpose of Sand & Gravel mining. No natural water course and/or water resources are obstructed due to mining operation.
34. Use of water pump for mining of Sand & Gravel is strictly prohibited.
35. No extraction of Sand & Gravel in landslide prone area.
36. Controlled clearance of riparian vegetation to be undertaken.
37. Mining shall not be undertaken in a mining lease located in 200-500 m of bridge, 200 m from the edge of National highway & railway line, 50 m from a reservoir, canal or building, 25 m from the edge of state high way and 10 m from the edge of other roads.
38. Vehicles used for transportation of sand are to be permitted only with of fitness & PUC certificates.
39. Health & safety of workers should be taken care of.
40. Natural springs are not be affected due to mining activities and necessary protection measures are to be undertaken.
41. Any solid waste generated shall be disposed of as per Solid Waste Management Rules 2016. Segregation of bio degradable and non-biodegradable wastes shall be done at site and disposed of as per Solid Waste Management Rules 2016.
42. The critical parameters such as PM₁₀, NO_x, SO₂ in ambient air within the impact Zone shall be monitored periodically and water quality of the River/Streams shall also be monitored (pH, DO, TDS, Fecal Coliform, TSS, etc.) and analysis report shall be submitted to SEIAA, Assam.
43. The Project Proponent shall submit annual replenishment report certified by an authorized agency to SEIAA, Assam annually.
44. **The P.P. will ensure strict adherence to the terms and conditions laid down in the approved mining plan.**

II. General Conditions

1. All necessary statutory clearances shall be obtained from competent authorities in connection with mining operation and copies of the same shall be submitted to SEIAA, Assam.
2. Special measures shall be adopted to prevent nearby settlements from the impacts of mining activities.
3. Maintenance of roads through which transportation of minor minerals is to be undertaken shall be carried out regularly.
4. User agency shall comply with the provisions framed under Assam Minor Mineral concession Rules 2013 and subsequent amendments.
5. The SEIAA Assam may alter/modify the above conditions or stipulate further conditions in the interest of environment protection.
6. Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment Protection Act, 1986.


 Member Secretary
 State Level Environment Impact
 Assessment Authority, Assam.

7. The SEIAA, Assam may revoke or suspend the order, if implementation of any of the above conditions is not found satisfactory.
8. SEIAA, Assam will monitor the operation area from time to time and the project proponent shall extend full support for the same.
9. The above conditions will be enforced inter-alia under the provisions of water (Prevention & Control of Pollution) Act 1974, the air (Prevention & Control of Pollution) Act 1981, the Environment Protection Act 1986 and the public liability Insurance Act 1991 along with their amendments & rules.
10. The Environmental Clearance is valid for a period of 2 (Two) years only from the date of issue of this order.
11. **Under Corporate Environment responsibility (CER), appropriate budgetary provision shall be made as per MOEF&CC OM F. No. 22-65/2017-IA.III dated 01/05/2018 and 19/06/2018 commensurate with the total value of the work and to be spent for health improvement, education, drinking water facilities, and other socio-economic upliftment in and around the project area (radius of 10 KM from the project site) in consultation with a Committee having representatives from all sections of the population in the nearby villages and with information to the SEIAA on biannual basis.**
12. **The project proponent shall submit half yearly compliance reports in respect of the terms & conditions stipulated in this order to the SEIAA, Assam in soft copy (CD) & hard copy on 1st June and 1st Dec each year. The Compliance Report should also include the work done under CER as in 9 above and also under Green Belt development in the project area (to be supported with photographs and other documentary evidences in both cases).**
13. The Divisional Forest Officer, Sonitpur East Forest Division, Dist. Biswanath Chariali, Assam shall realize the Royalty as per existing rate and he should ensure due surveillance on the mining operation to avoid occurrence of irregularities. He will also ensure that mining be allowed at the approved location only.

Mamun
Member Secretary
SEIAA, Assam

Bamunimaidam, Guwahati-21.

Memo No. SEIAA.1630/2021/EC/14/ 1437 -A

Dated: 7/5/2021

Copy to:

1. The Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, MOEF&CC, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi-110003.
2. The Secretary to the Govt. of Assam, Environment & Forest Department, Dispur, Guwahati-6 Cum Member Secretary, SEIAA, Assam for favour of kind information.
3. The P.C.C.F, HoFF, Govt. of Assam, Panjabari, Guwahati-37 for favour of kind information.
4. The Divisional Forest Officer, Sonitpur East Forest Division, Dist. Biswanath Chariali, Assam for information & necessary action to ensure that all **Specific Conditions & General Condition** are complied with.
5. The Regional Office, MOEF&CC, Govt. of India, Low-U-sib, Lumbatngen, Near MTC Workshop, Shillong-21 for information.
6. Office Copy.

Sd/-
Member Secretary
SEIAA, Assam


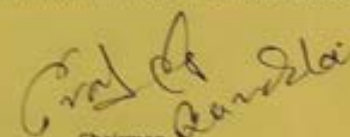
Bamunimaidam, Guwahati-21.

C. Payment of royalty by CW02 Contractors for earth

E-CHALLAN

NAME:	PAWAN AND BRAHMAPUTRA JV
GRN NO:	AS005516342202223P
PRN NO:	3769120892039
BANK Transaction No:	10004672023012703531
BANK NAME	SBI PAYMENT GATEWAY (Charges Applicable)
CHALLAN NO:	3769120892039
Date	3/N-/27-J
Forest Transaction ID	10004672023012703531
Amount	1999980
Head Account	ROYALTY
DEPARTMENT ID	A01+TPAB1480444887609118
PAYMENT STATUS	Payment Success

Annexure 12: NOC for Guest house building and others from Mangaldai Development Authority, Mangaldai

<div style="text-align: center;">  <p>OFFICE OF THE CHAIRMAN MANGALDAI DEVELOPMENT AUTHORITY Mangaldai - 781125</p> </div>	
No. MDA/BP/GERIMARI-V/2023-837	Dated Mangaldai the 06-02-2023
To, ASSAM SKILL UNIVERSITY-ASSAM SKILL DEVELOPMENT MISSION (ASDM) GUWAHATI, ASSAM INDIA VILL-GERIMARI CHAPORI, MANGALDAI, DARRANG (ASSAM)	
Sub : Issue of "No objection Certificate U/S 13 of Assam T. & C.P. Act 1959 (As amended) for construction of an Assam Type/R.C.C. area of each floor/boundary wall. (GUEST HOUSE)	
Stilt floor 64.00 m ²	Ground Floor 651.10 m ²
1 st Floor 625.00 m ²	2 nd Floor 356.96 m ²
3 rd Floor XX m ²	4 th Floor XX m ²
Boundary Wall R.M. at VILL-GERIMARI CHAPORI Mangaldai	
Front Setback 14.90M(E) (FROM INTERNAL ROAD)	
Side Setback : Right 31.97 M (N) (FROM COMMUNITY CENTRE)	
Left 26.54M (S)	
Rear Setback 11.75M(W)	
Ref. : Your application of Date 30-12-2022	
Sir/Madam,	
Reference to your application for No Objection Certificate to erect/re-erect/add to/after a building/ boundary wall at Ward No./Village GERIMARI of RANGAMATI Mouza (Dag No. 22,28,29,30,31,32,33,34,35,36,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,201,202, 203,204,205,206,207,208,209,210,211,212,213 Periodic Patta No GOVT) on GOVT road for EDUCATIONAL purpose in accordance with plan submitted with it, your application is hereby –	
1) Sanctioned for the aforesaid construction U/S 13 of Assam T. & C.P. Act 1959 (As amended). 2) Sanctioned for construction subject to following shown by red ink the drawings. 3) Rejected for reasons given below :	
Note : The boundary wall is to be demolished at the owners own risk and cost whenever the Government desires for widening of the road and in case of any dispute. N.O.C. Conditions : 1) Internal drainage system is mandatory. 2) This No Objection Certificate is valid for two years only. 3) The No Objection Certificate will be cancelled if any boundary dispute arise. 4) Tree plantation is mandatory. 5) It is mandatory for the application to inform the date fixed for laying of foundation stone of the proposed building to MDA.	
Enclosed : One copy of Approved Plan.	
<div style="text-align: right;">  Chairman Mangaldai Development Authority Mangaldai Chairman Mangaldai Dev. Authority </div>	

Annexure 13: Batching Plant & DG Consent To Operate(CTO) From Control Board, Assam Pollution



**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/TEZ/T-2219/22-23/16

Dated Guwahati, the 24th Apr. 2023

CONSENT TO OPERATE

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

- i) Name of Unit : M/s. Pawan Communications Pvt Ltd
(In JV with Brahmaputra Infrastructure Limited).
- ii) Name of the Occupier / Applicant and Designation : Mahesh Chachan, Operations Director.
- iii) Address of Unit : Bidyanagar, Mangaldoi, Dist- Darrang, Assam- 784125.
- iv) Cost of the project : Rs. 43.0 (In lakhs)
- v) Type of Project/Category : Batching Plant
(Orange Category)
- vi) Details of Raw Materials :

Sl No.	Name	Quantity (CM/Day)
1	Sand	85.0
2	Cement	62.0
3	Aggregates	176.0

- vii) Details of Products :

Sl No.	Name	Quantity (CM/Day)
1	Ready Mix Concrete	208.0

- viii) D. G. Set : 1 x 125 KVA

TERMS AND CONDITIONS:

1. The Consent to Operate (CTO) has been accorded based on the particulars furnished by the applicant vide Application ID- 1737180 and 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 is made in actual practice.
2. The CTO is valid for the period up to 31.03.2024.
3. 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 genuine complaint received.
4. Proper housekeeping shall be maintained. The unit shall not burn any wastes in the unit premises.
5. The unit shall obtain prior "Consent to Establish" from the Board, for any further expansion, alteration, modification or modernization of the project
6. The project authority shall install a Display Board as per the Boards Notification no. PCBA/LGL-95/2021/Notification/01 dtd.11.11.2021. (Copy enclosed as Appendix-A).

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- The project proponent shall develop a greenbelt/plantation area with native trees covering at least 33% of the total plot area.
8. As per the provisions of the Water (Prevention and Control of Pollution) Act, 1974 as amended and the Air (Prevention and Control of Pollution) Act, 1981 as amended, any Officer empowered by the Board on its behalf shall have without interruption, the right at any reasonable time to enter the unit for inspection, collection of sample for analysis and may call for any information as deemed necessary. Denial of this right will cause withdrawal of the CTO.

Specific Conditions:

A. Air/Emission Aspect:-

- The unit shall install and operate screening machine, if any, with proper enclosure and dust collection system.
- The unit shall implement the following air pollution control measures to control source as well as fugitive emission:
 - Dust containment cum suppression system at Raw Material Feed Hopper, all material transfer and dropping points.
 - Construction of the metallic haul roads within the premises.
- The unit shall comply with ambient noise level standard, notified by MoEF & CC, GOI vide GSR 7, dated Dec.22, 1998, as mentioned herein under.

Area Code	Category of Area	Limit in dB(A) Leq.	
		Day time	Night time
A.	Industrial area	75	70

- The unit shall comply with the Standards and Guidelines for control of Noise Pollution from Stationary Diesel Generator Set(s) notified by MoEF & CC, GOI vide GSR 7, dated Dec.22, 1998, (Appendix-B).
- The Ambient Air Quality, within the Plant premises shall be maintained within the National Ambient Air Quality Standards, notified by MoEF & CC, vide G.S.R.826 (E) dtd.19.11.2009, especially with respect to PM₁₀ and PM_{2.5}, as mentioned herein under;

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural & Other Area	Ecologically Sensitive Area (notified by Central Government)
1.	Particulate Matter (size less than 10µg) or PM10 µg/m ³	Annual* 24 hours**	60 100	60 100
2.	Particulate Matter (size less than 2.5µg) or PM2.5 µg/m ³	Annual* 24 hours**	40 60	40 60

B. Waste Water Aspect:

- Source of Water- Ground Water
- Details of water consumption and effluent generation:-

SL. NO.	PARTICULARS	QUANTITY
1	Raw water Consumption	10.0 KLD
2	Effluent Generation	Nil

- Permission/exemption of the Central Ground Water Authority shall be obtained for extraction of Ground Water.
- Storm water shall not be allowed to mix with any effluent and/or floor washings.
 - Storm water within the battery limit shall be channelized through separate drain/ pipe passing through an Oil and Grease Trap cum sedimentation tank.
 - For storm water discharge, the unit shall comply with general effluent discharge parameters standard, notified by MoEF & CC, GOI vide G.S.R. 422 (E); dated 31.12.1993 (Appendix-C).
- Rain water harvesting facility shall be installed and maintained.

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C. Solid Waste Aspect:

1. Adequate facility shall be created for collection, storage, transportation, treatment and disposal of non-hazardous solid waste generated from the unit.
2. Adequate system shall be adopted on reduction of waste generation and enhancement of re-utilization and recycling of waste materials.
3. Solid waste generated in the unit shall be disposed of as per the provisions of Solid Waste Management Rules, 2016.

D. Plastic Waste Aspect:

1. Plastic waste generated in the unit shall be disposed of as per provisions under Plastic Waste Management Rules, 2016.
2. The unit shall submit the report regarding generation & disposal of Plastic Waste within 30th June every year.

E. E-Waste Aspects:

The unit shall comply with the provisions of E-Waste Management Rules, 2022.

F. Hazardous Waste Aspects:

1. Authorization under Hazardous and Other Wastes (Management & Trans-boundary Movement) Rules, 2016 shall be obtained from Board.
2. The project authorities shall comply with the provisions of the said Rules.
3. Adequate facility shall be provided for collection and storage of used/spent oil, which shall be sent to registered recyclers for recycling.
4. The unit shall dispose of any other Hazardous Waste generated by the unit as per the provisions of the Rules.
5. The unit shall identify and quantify all streams of Hazardous Waste generation as per Schedule-I and maintain proper record in Form-III of the said Rules.
6. The unit shall submit the annual return in Form-IV under the said rules on or before 30th June every year.

The unit shall submit compliance report of the mandated conditions by April 15th every year to Member Secretary, PCBA as well as to Regional Laboratory cum Office, Tezpur, PCBA till the completion of the project. The Board will have the liberty to withdraw the CTE if adequate pollution control and safety measures are not implemented by the unit.

(Shantanu Kr. Dutta)
Member Secretary

Dated Guwahati, the 24th Apr. 2023

Memo No. WB/TEZ/T-2219/22-23/16-A

Copy to:

✓ M/s. Pawan Communications Pvt, Bidyanagar, Mangaldoi, Dist- Darrang, Assam- 784125
for information and compliance of conditions.

(Shantanu Kr. Dutta)
Member Secretary

Annexure 14: ASU Consent To Establishment (CTE) From Pollution Control Board, Assam



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. PCBA/TEZ/T-2314/23-24/6

Dated Guwahati, the 10th Aug. 2023

CONSENT TO ESTABLISH

'CONSENT TO ESTABLISH' (CTE) under Section 25 of Water (Prevention & Control of Pollution) Act, 1974 and Section 21 of Air (Prevention & Control of Pollution) Act, 1981 as amended and Rules Framed thereunder, is granted to:

- i) Name of Industry : M/s. Assam Skill University.
- ii) Name of the Occupier/ Applicant and Designation : Chief Executive Officer.
- iii) Address of the unit : Assam Skill University, Mangaldoi, Dist-Darrang, Assam-784125
- iv) Type of the project : Construction of Building Block and Sewage Treatment Plant (STP)
- v) Cost of the project : Rs. 2600.0 Lakhs
- vii) Details of Project:

Sl No.	Service	Capacity
1	Construction of University Building Blocks	75,000 sq. mtr
2	STP	400 KLD

TERMS AND CONDITIONS

1. The Consent to Establish (CTE) has been accorded based on the particulars furnished by the applicant vide Application ID- 2088469 and subject to addition of further or more conditions if so warranted by subsequent developments. The Consent will automatically become invalid if any change or alteration or deviation is made in actual practice without prior permission of the Board.
2. The CTE will be valid till the date of commissioning of the unit or five (5) years, whichever is earlier.
3. The CTE 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 CTE;
 - b) Obtaining the CTE by misrepresentation or failure to disclose fully all relevant facts;
 - c) If any genuine public complaint against the unit is received;
4. The unit shall obtain prior "Consent to Establish" from the Board, for any expansion, modification, modernization of the project.
5. The project Authority should install a display Board as per the Board's Notification No. PCBA/LGL-95/20-21/Notification/01 dtd.11.11.2021 (Appendix-A).
6. Proper housekeeping shall be maintained within unit premises. Burning of any Waste within the premises is strictly prohibited.
7. The project proponent shall develop a greenbelt/plantation area with native trees, covering at least 33% of the total plot area around the unit and township, if any.

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8. The unit shall not operate without valid 'Consent to Operate' of the Board.
9. As per provisions of Water (Prevention & Control of Pollution) Act, 1974, any officer, employed by this Board on its behalf shall without any interruption, shall have the right at any time to enter the unit for inspection, to take samples for analysis and any call for any information etc. violation of this right will lead to the withdrawal of this order.
10. Healthy working environment for the worker must be maintained and there should not be health Hazard to the workers for inadequate arrangement for ventilation, dust removal arrangements should be adequate and full proof for the health of the workers. Their health should be regularly monitored.

Specific Conditions:

A. Air Aspect:-

1. The unit shall implement the following pollution control measures to control source as well as fugitive emission:
 - a. Dust containment cum suppression system at all the material transfer and dropping points.
 - b. Construction of the metallic haul roads within the premises.
 - c. Water sprinkling at haul roads.
2. The unit shall comply with noise level standard as notified by the MoEF & CC, Govt. of India vide, GSR 7, dated Dec.22, 1998, as mentioned below.

Limit in dB (A) Leq	
Day Time (6:00am-9:00pm)	Night Time (9:00pm-6:00am)
75	70

3. The Ambient Air Quality in the Plant premises shall be maintained within the National Ambient Air Quality Standards, notified by the MoEF & CC, GOI, vide GSR 826(E) dtd.16.11.2009, especially with respect to PM_{2.5}, PM₁₀, SO₂ & NO₂ as mentioned herein under:

Sr. No.	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural & Other Area	Ecologically Sensitive Area (notified by Central Government)
1.	PM ₁₀ (µg/m ³)	Annual* 24 hours**	60 100	60 100
2.	PM _{2.5} (µg/m ³)	Annual* 24 hours**	40 60	40 60

B. Water Aspect:

1. Sewage Treatment Plant (STP), shall be installed. Treated effluent shall be reused to achieve Zero Liquid Discharge (ZLD) condition.
2. i) Storm water shall not be allowed to mix with any effluent and/or floor washings.
ii) Storm water within the battery limit shall be channelized through separate drain/ pipe passing through an Oil and Grease Trap cum sedimentation tank.
3. For discharge of storm water, the unit shall comply with general effluent discharge parameters standard, notified by MoEF & CC, GOI vide G.S.R. 422 (E); dated 31.12.1993 (Appendix-B).
4. Rain water harvesting facility shall be installed and maintained.

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C. Solid Waste Aspect:

1. Adequate facility shall be created for collection, storage, transportation, treatment and disposal of non-hazardous solid waste generated from the unit.
2. Adequate system shall be adopted on reduction of waste generation and enhancement of re-utilization and recycling of waste materials.
3. Solid waste generated in the unit shall be disposed of as per the provisions of Solid Waste Management Rules, 2016.
4. The unit shall submit action plan for re-use of Bio-sludge generated in the STP.

D. Plastic Waste Aspect:

1. Plastic Waste generated in the unit shall be disposed of in accordance of the provisions under the Plastic Waste Management Rules, 2016.
2. The unit shall submit a report on generation and disposal of plastic wastes within 30th June every year.

E. E-Waste Aspect:

The unit shall comply with the provisions of E-Waste Management Rules, 2022.

F. Construction and Demolition Wastes Aspect:

The unit shall comply with the provisions of the Construction and Demolition Wastes Management Rules, 2016 for management of construction and demolition wastes.

The unit shall submit compliance report of the mandated conditions by April 15th every year to Member Secretary, PCBA as well as to Regional Laboratory cum Office, Tezpur, PCBA till the completion of the project. The Board will have the liberty to withdraw the CTE if adequate pollution control and safety measures are not implemented by the unit.

(Shantanu Kr. Dutta)
Member Secretary

Memo No. No. PCBA/TEZ/T-2314/23-24/6-A

Dated Guwahati, the 10th Aug. 2023

Copy to:

✓ M/s. Assam Skill University, Mangaldoi, Dist- Darrang, Assam-784125 for information and compliance of conditions.

(Shantanu Kr. Dutta)
Member Secretary

Annexure 15: Insurance Policy CW01(Workmen Compensation)

पॉलिसी अनुसूची/ Policy Schedule - Employees Compensation Insurance

Policy Number:
200100412210000007

व्यवसाय स्रोत/Business Source: 200100

वितरण चैनल/Sales Channel Code:
9000191876

नाम/Name: Mr Silam Paul Contact Number:
9864192070

सह दास्य कोड / Co Broker Code:

कस्टमर केयर टॉल फ्री नंबर/Customer

Care Toll Free Number:

1800 345 0330

ईमेल/

email:customer.support@nic.co.in



ग्राहक का नाम /Customer Name: _ ASSAM SKILL DEVELOPMENT
MISSION AND AS ENTERPRISE
पता/ Address: ZOO ROAD, ZOO NARENGI, KAMRUP METRO,
City: GUWAHATI, District: KAMRUP METRO, State: ASSAM, PIN:
781024.
Cell: 6002129897

ग्राहक आईडी/Customer ID:
9566776019

पैन /PAN: AKWPS7783E

फोन /Phone:

ई-मेल /E-Mail: ANILSARKAREENTERPRISE@GMAIL.COM

पॉलिसी: 23/02/2023 के 16:00 से 22/02/2024 की मध्य रात्रि तक प्रभावी /Policy Effective from 16:00 hours, on 23/02/2023 to
midnight of 22/02/2024

प्रीमियम/ Premium	₹ 10,854.00	कवर नोट संख्या और तारीख/ Cover Note Number and Date	समू नही/NA
CGST	₹ 977.00		
SGST/UTGST	₹ 977.00		
IGST	₹ 0.00	प्रस्ताव संख्या और तारीख/ Proposal Number and Date	8800230223140988 Dt. 23/02/2023
वाच्य/वैध/ वैध / Less:GST_TDS	₹ 0.00		
पुनर्प्राप्ति योग्य स्टाम्प ड्यूटी /Recoverable Stamp Duty	₹ 0.00	रसीद संख्या और तारीख/ Receipt Number and Date	200100612210002367 Dt. 23/02/2023
कुल/Total Amount	₹ 12,808.00	पॉलिसी संख्या और समाप्ति तारीख/ Previous Policy Number and Expiry Date	समू नही/NA

(Rupees Twelve Thousand Eight Hundred Eight Only.)

Joint Policyholder Name: NA

Joint Policyholder Address: NA

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

SL.No	Law	Limit of Indemnity	Coverage
1	Employee Compensation Act, 1923 and Subsequent amendments thereof prior to the date of issue of this Policy	Subject otherwise, to the terms, conditions & Exclusions of the Policy, the amount of liability incurred by the Insured.	Yes

SL.No	Industry Type	Description of Work Done by Employees	Number of Employees	Declared Wages/ Contract Value	Place of Employment	Contractors Name, Contractors Address
1	Industry Type: Builders Sub Industry Type: All employees (Bldg. ht. < 9 Mts)	Construction of Boundary Wall with RCC and Stone masonry piling with Brickmasonry	20	Declared Wages: 0 Contract Value: 3600000	ASU Campus Site MANGALDOI Assam	Contractors Name: A S ENTERPRISE Contractors Address: ZOO NARENGI ROAD, GUWAHATI, ASSAM

Clauses, Endorsements and Warranties Applicable:

Average Clause.

Insureds liability for Contractors /Sub contractors Employees (W.C. Endorsement 179 (Ertwhile Tariff)

If the monthly wages are lesser than 15000/-, the "Compensation calculation will be based on the actual lesser monthly wages entered and not Rs 15000/-"

नेशनल इन्सुरेन्स कंपनी लिमिटेड

National Insurance Company Limited

CIN No. U19320WB1909010001713

RGA Regn. No-58

पंजीकृत एवं प्रधान कार्यालय : 3 मिडिलस्टन स्ट्रीट, कोलकाता 700 071

Registered & Head Office : 3 Midling Street, Kolkata 700 071

P No. 033-22831705-06 Fax: 033-22831712

email : customer.support@nic.co.in

Toll Free : 18003450330

For any information please contact the Policy Issuing Office or visit our website at nationalinsurance.nic.co.in



पॉलीसी अनुसूची/ Policy Schedule - Employees Compensation Insurance

Policy Number:
200100412210000007

व्यवसाय स्रोत /Business Source: 200100

वितरण, डीलर, वितरण/Sales Channel Code:
9000191876

नाम/Name: Mr Silam Paul Contact Number:
9864192070

सह दलाल कोड / Co Broker Code:

जारीकर्ता कार्यालय/Issuing Office
कार्यालय कोड/Office Code: 200100
कार्यालय पता /Office Address: GUWAHATI
DIVISION / 2nd Floor, Lohia Mansion GS
Road, Bhanganagarh, Guwahati, - 781005.
State Code: 18, Assam
GSTIN: 18AAACH9967E122
Contact Number: 361 2451163
Mobile Number: 0

कस्टमर केयर टॉल फ्री नंबर/Customer
Care Toll Free Number:
1800 345 0330

ईमेल:
email:customer.support@nic.co.in



टिप्पणी/Remarks: Principle Name-
ASSAM SKILL DEVELOPMENT MISSION

Name of the Contractor/insured -
A S ENTERPRISE

Address of contractor/insured -
ZOO ROAD, GUWAHATI, ASSAM

Location of Site-
ASU Campus Site, Mangaldoi, Assam

Detailed project Description-
Construction of Boundary Wall with R.C.C and Stone masonry piling with Brick masonry. It also comprises of Chain link fencing above the
plinth level for ASU Campus Site, Assam

Employee Category
1. Unskilled Workers- 20 nos
Salary- Rs. 15000 per worker per month
Rs. 300000 per month for 20 nos workers
Rs. 3600000 for 12 months for 20 nos workers

All excess, clauses, warranties, terms & conditions as per proposal, cover letter, Workmen Compensation Act and Standard Employees

जिसकी गवाही मैं दमि/मह/वरुष को उपरोक्त उत्प्रेषित कार्यालय पते पर अधीनस्थकर्ता को बंधित अपकृत कथि जा राह है उसके द्वारा
निरूपित करि जाय। यह अनुसूची, संलग्न पॉलिसी, खण्ड, पृष्ठोक्त और पॉलिसी शर्तों, जो कंपनी वेबसाइट <https://nationalinsurance.nic.co.in>
पर उपलब्ध है, को एक अनुबंध के रूप में एक साथ पढ़ा जाए तथा कोई भी शर्त या अभिव्यक्ति जिसके लिए वह बंधित अर्थ पॉलिसी या अनुसूची
के किसी भी हिससे में संलग्न कथि गया हो, एक ही अर्थ वहन करेगा चाहे जहाँ भी उत्प्रेषित हो। यह अस्वास्थ्य दमि जात है कि प्रीमियम चेक के
असवीकृती के मामले में, यह दस्तावेज स्वतः प्रारम्भिकता निरस्त हो जायेगी। **IN WITNESS WHEREOF, the undersigned being duly authorized
hereunto set his/ her hand at the office address mentioned above, this 23/February/2023. This schedule, the attached policy, the clauses,
the endorsements and policy wordings as available in the website <https://nationalinsurance.nic.co.in> shall be read together as one
contract and any word or expression to which the specific meaning has been attached in any part of this policy or of the schedule shall bear
the same meaning whenever it may appear. It is warranted that IN CASE OF DISHONOUR OF THE PREMIUM CHEQUE, THIS DOCUMENT
STANDS AUTOMATICALLY CANCELLED 'AB-INITIO'**

इम्पैयरमेंट/ओम्बुड्समैन/Details: Office of the Insurance
Ombudsman, Jeevan Nivesh, 5th Floor, Nr. Panbazar over bridge, S.S. Road,
Guwahati - 781001(ASSAM).
Tel: 0361 - 2632204 / 2602205
Email: bimalokpal.guwahati@oicoin.co.in



कृते नेशनल इन्सुरेन्स कंपनी
FOR NATIONAL INSURANCE CO. L.
Company Limited
अधिकृत हस्ताक्षरकर्ता/Authorized
Divisional Manager
गुवाहाटी नेशनल कार्पोरेशन-1
GUWAHATI DIVISION-1



नेशनल इन्सुरेन्स कंपनी लिमिटेड
National Insurance Company Limited
CIN No. U10200WB1996GO001713
IRDA Regn. No-58

पंजीकृत एवं प्रधान कार्यालय : 3 मिडिल्टन स्ट्रीट, कोलकाता 700 071
Registered & Head Office : 3 Middleton Street, Kolkata 700 071
P No. :033-22831705-06 Fax : 033-22831712
email : customer.support@nic.co.in
Toll Free : 18003450330

For any information please contact the Policy Issuing Office or visit our website at nationalinsurance.nic.co.in

TAX INVOICE



Invoice Serial No: 30096V2P00000007

Details of Supplier:

National Insurance Company Limited,
GUWAHATI DIVISION I 2nd Floor, Lohia Mansion, GS Road, Bhengagarh, Guwahati, - 781005
State : 18, Assam
GSTIN No : 18AAACN8967E1Z3

Details of Receiver : ASSAM SKILL DEVELOPMENT MISSION AND AS ENTERPRISE

Address : ZOO ROAD, ZOO NARENGI, KAMRUP METRO
City : GUWAHATI,
District: KAMRUP METRO,
State: ASSAM,
PIN: 781024.

Place Of Supply State : Assam
State Code : 18
GSTIN No : 18AKWPS7783E323

सैक कोड SAC Code	सेवा का विवरण Description of Service	कुल/Total (₹)	छूट/ Discou nt	टैक्स योग्य/ मूल्य/Taxable Value(₹)	सीजीएसटी की दर/CGST CGRate	राशि/ Amount(₹)	एसजीएसटी/यूटीजीएसटी SGST/UTGST	राशि/ Amount(₹)	आईजीएसटी/IGST IGRate	राशि/ Amount(₹)	केरल बाढ़ उपक्रम/Kerala Flood Cess	राशि/Amount (₹)
997139	Other non-life insurance services (excluding reinsurance services)	10,854	0%	10,854	9%	977	9%	977	0%	0		0
TOTAL		10,854		10,854		977		977		0		0

कुल इनवॉयस मूल्य (अंकों में) Total Invoice Value (in figures) :

₹ 12,808

कुल इनवॉयस मूल्य (शब्दों में) Total Invoice Value (in words) : ₹12,808

Twelve Thousand Eight Hundred Eight

केवल/Only.

रविस चार्ज की अपेक्षा टैक्स की राशि Amount of Tax Subject to Reverse Charge : No

E.&O.E

कुल नेशनल इन्सुरेंस कंपनी लिमिटेड For
and on behalf of National Insurance Company Limited

अधिकृत हस्ताक्षरकर्ता Authorized Signatory



नेशनल इन्सुरेंस कंपनी लिमिटेड
National Insurance Company Limited
CIN No. U18209WB1906GO001713
IRDA Regn. No-58

पंजीकृत एवं प्रधान कार्यालय : 3 मिडिलटन स्ट्रीट, कोलकाता 700 071
Registered & Head Office : 3 Middleton Street, Kolkata 700 071
P No. 033-22831705-06 Fax : 033-22831712
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Toll Free : 18003450330

For any information please contact the Policy Issuing Office or visit our website at nationalinsurance.nic.co.in



पुनर्भरण / Endorsement- Employees Compensation Insurance Policy Number : 200100412210000007	
व्यवसाय स्रोत/ Business Source : 9000191876	जारीकर्ता कार्यालय/Issuing Office कार्यालय कोड / Office Code : 200100 कार्यालय पता / Office Address : GUWAHATI DIVISION / 2nd Floor, Lohia Mansion, GS Road, Bhangagarh, Guwahati, - 781005. State Code: 18, Assam GSTIN: 18AAACN9957E122 eMail:
वित्तिय चैनल का नाम/ Sales Channel Name : Mr Sitam Paul	वित्तिय चैनल शेयर कोड/ Sales Channel Contact Number : 9664192070 सह ट्रेडर कोड / Co Broker Code: कस्टमर केयर टोल फ्री नंबर/ Customer Care Toll Free Number: 1800 345 0330 ईमेल: email:customer.support@nic.co.in

ग्राहक का नाम/ Customer Name : ASSAM SKILL DEVELOPMENT MISSION AND AS ENTERPRISE	ग्राहक आईडी/ Customer ID: 9666776019	पैन/ PAN: AKWPS7763E
पता/ Address: ZOO ROAD, ZOO NARENGI, KAMRUP METRO, City: GUWAHATI, District: KAMRUP METRO, State: ASSAM, PIN: 781024, Mobile: 6002129897		फोन/ Phone: ई-मेल/ E-Mail: ANILSARKAREENTERPRISE@GMAIL.COM

Policy Effective from 16:00 hours, on 23/02/2023 to midnight of 22/02/2024			
Premium:	₹ 10,854.00	Total St:	Unlimited
CGST	₹ 977.00	Proposal Number and Date:	8800230223140988 Dt. 23/02/2023
SGST/UTGST	₹ 977.00		
IGST	₹ 0.00		
Kerala Flood Cess	₹ 0.00		
Less:GST TDS	₹ 0.00		
Recoverable Stamp Duty:	₹ 0.00	Receipt Number:	2001008122100002367
Total Amount:	₹ 12,808.00	Receipt Date:	23/02/2023
(Rupees Twelve Thousand Eight Hundred Eight Only.)		Co-Insurance Details:	N/A

Endorsement Effective from 11:32 hours, on 27/02/2023 to midnight of 22/02/2024			
Additional Premium:	₹ 0.00	Insured's Request Date:	27/02/2023
CGST	₹ 0.00	Endorsement Number:	200100412282100002
SGST/UTGST	₹ 0.00		
IGST	₹ 0.00		
Kerala Flood Cess	₹ 0.00		
Less:GST TDS	₹ 0.00		
Recoverable Stamp Duty:	₹ 0.00	Endorsement Issue Date:	27/02/2023
Total Amount:	₹ 0.00	Receipt Number:	N/A
(Rupees Zero Only.)		Receipt Date:	N/A

General / Common Information change

Principle Name- ASSAM SKILL DEVELOPMENT MISSION Name of the Contractor/Insured - A S ENTERPRISE Address of contractor/insured - ZOO ROAD, GUWAHATI, ASSAM Location of Site- ASU Campus Site, Mangaldoi, Assam Detailed project Description- Construction of Boundary Wall with R.C.C and Stone masonry piling with Brick masonry. It also comprises of Chain link fencing above the plinth level for ASU Campus Site, Assam. Correct Employee Category 1. Unskilled Workers- 15 nos 2. Skilled Workers - 05 nos
--

Printed on 27/02/2023 by ID: 72913, AID: 72913

नेशनल इन्स्योरेंस कंपनी लिमिटेड
National Insurance Company Limited
 CIN No. U19200WB1906GO001713
 IRDA Regn. No-38

जर्मन रोड कार्यालय : 3 मिडिल्टन स्ट्रीट, कोलकाता 700 071
 Registered & Head Office : 3 Middleton Street, Kolkata 700 071
 P No. 033-22831705-06 Fax : 033-22831712
 email : customer.support@nic.co.in
 Toll Free : 18003450330

For any information please contact the Policy Issuing Office or visit our website at nationalinsurance.nic.co.in



Endorsement: Employees Compensation Insurance	
Policy Number : 200100412210000007	आवेदन जारी करने वाला कार्यालय/Issuing Office
व्यापारिक स्रोत/ Business Source : 9000191676	कार्यालय कोड /Office Code : 200100
	कार्यालय पता / Office Address : GUWAHATI DIVISION / 2nd Floor, Lohia Mansion, GS Road, Bhanganagarh, Guwahati, - 781005.
	State Code: 18, Assam
	GSTIN: 18AAACN6957E123
	eMail:
वितरक चैनल का नाम/ Sales Channel Name : Mr. Silam Paul	वितरक चैनल का नाम/ Sales Channel Contact Number : 9864192070
	साइ ब्रकर कोड / Co Broker Code:
	कस्टमर केयर टोल फ्री नंबर/ Customer Care Toll Free Number: 1800 345 0330
	ईमेल: email:customer.support@nic.co.in

Salary- Rs. 15000 per worker per month
Rs. 300000 per month for 20 nos workers
Rs. 3600000 for 12 months for 20 nos workers

All excess, clauses, warranties, terms & conditions as per proposal, cover letter, Workmen Compensation Act and Standard Employees Subject otherwise to the Terms, Exclusion and Conditions of this Policy.

IN CASE OF DISHONOUR OF THE PREMIUM CHEQUE, THIS DOCUMENT STANDS AUTOMATICALLY CANCELLED 'AB-INITIO'

For and On Behalf Of National Insurance Company Limited

उपरोक्त दस्तावेज़ राष्ट्रीय बीमा कंपनी लिमिटेड के नाम पर है।
FOR NATIONAL INSURANCE CO. LTD.

Authorized Signatory

वितरक चैनल का नाम/ Sales Channel Contact Number : 9864192070

साइ ब्रकर कोड / Co Broker Code:

कस्टमर केयर टोल फ्री नंबर/ Customer Care Toll Free Number: 1800 345 0330

ईमेल: email:customer.support@nic.co.in



Printed on 27/02/2023 by ID: 72913, A/D: 72913

नेशनल इन्स्योरेंस कंपनी लिमिटेड
National Insurance Company Limited
CIN No. U18200WB1906GO1001713
IRDA Regn. No-58

Page no: 2

पंजीकृत एवं प्रधान कार्यालय : 3 मिडिलटन स्ट्रीट, कोलकाता 700 071
Registered & Head Office : 3 Middleton Street, Kolkata 700 071
P No. :033-22831705-06 Fax : 033-22831712
email : customer.support@nic.co.in
Toll Free : 18003450330

For any information please contact the Policy Issuing Office or visit our website at nationalinsurance.nic.co.in

Annexure 16: Insurance Policy CW02 (Workmen Compensation Policy)



IFFCO - TOKIO GENERAL INSURANCE CO. LTD

Regd. Office: IFFCO SADAN, C1 Dist. Centre, Saket, New Delhi- 110017

Workmen's Compensation Policy Schedule

Cum Tax Invoice

ORIGINAL FOR RECIPIENT

GST Applicable



Servicing Office:

1-B, 1st Floor,

Aditya Tower,

G S Road, Dispur,

Guwahati-781006, Assam

State Code: 18, GSTIN: 18AAAC17573H725

General Insurance Services : 997133

Insured's name:	PAWAN COMMUNICATIONS PVT LTD & BRAHMAPUTRA INFRASTRUCTURE LIMITED (JV)			Unique Invoice No.	43278313
Address:	4TH FLOOR ROYAL ARCADE PART II			Policy No.	43278313
	ULUBARI, GRY			Date of Issuance	23/11/2022
	GUWAHATI ASSAM Pincode: 781007			Policy effective from 0001 hrs 18/11/2022	
State Code/ Place of Supply:	18	Country Name:	India	GSTIN:	
Phone Number:		CIN No:		Agent No. A300039 ASA	To Midnight 17/11/2023
Audhaar No.:				Agent Name: UPADHYAY, KAILASH	

	Taxable Value	CGST	SGST	IGST	CESS
Rate		9.00	9.00	0.00	0.00
Amount	31942.00	2874.78	2874.78	0.00	0.00
Total Tax		5749.56		Total Value	437691.56

Whether GST is Payable on Reverse Charge Basis - No

We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.

Trade or Business	Construction of Assam Skill University Campus
Place of Employment(s)	ASSAM SKILL UNIVERSITY CAMPUS, MANIGALDOL, ASSAM
	PINCODE-784125

Sr. No.	Category of Employee	Estimated Total Wages, Salaries and other e	Rate (%)	Premium without Service Tax (Rs.)
1	40 SKILLED WORKER 18000	8640000.00	0.1849	15971.00
2	60 UNSKILLED WORKER 12000	8640000.00	0.1849	15971.00
		Overall Total Wages	17280000.00	

Additional Clauses / Endorsements / Other details, if any
Nature of Work : Civil Construction

Signature Not Verified

Digitally signed by SUBRATA MONDAL

Date: 2022.11.23 12:57:44 IST

Reason: Valid Policy Copy

Location: IFFCO Tokio General Insurance Company Ltd, India

Workmen's Compensation (UIN : IRDAI106RP0006V01200001)

Attaching to and forming part of Policy Number 43278313

Show Signature Properties --> Click on 'Show signer's Certificate' --> Go to 'Trust' --> Click on 'Add to'

Trusted Certificate --> Click on 'OK' --> Click on 'Close'

•

Classification No : 46

•

Details of Workers Covered :

•

40 Skilled Worker - Wages of Rs 18,000/- each per month

40 Unskilled Worker - Wages of Rs 18,000/- each per month

•

Standard Terms, Conditions, Warranties, Exclusions :

Warranted that worker are properly trained and Adequate safety measures to be followed while working on site as per industry norms.

•

Attendance Register should be maintained in the places of employment mentioned.

•

At any point of time the total number of workers as well as designation on site should not exceed the total number of persons and designations as declared under the policy.

Furnish the total number of employees working on site at the time of accident. In case of total no. of workers as well as no. of persons in designation is exceeding, the same should be immediately informed to the insurer and the premium should be paid accordingly.

•

The change in places of employment if any during the policy period should be referred to the insurer compulsorily or else cover will be void.

•

Major Exclusion:

•

The workman having been under the influence of liquor or drugs, or any other toxics

•

The wilful disobedience by the workman of orders and rules expressly given to secure the safety of the workmen, or

•

The wilful removal or disregard by the workman of any safety devices provided for the safety of workmen.

•

Excluding Blasting, Quarry, Mining & Underground Works

•

Signature Not Verified

Digitally signed by SUBRATN MOYDAL
 Date: 2022.11.23 12:57:44 IST
 Reason: Valid Policy Copy
 Location: IFICO Tokio General Insurance Company Ltd, India

Worker's Compensation (UIN : IRDAN106RP0006V01200001)
 Attaching to and forming part of Policy Number 43278313

Show Signature Properties --> Click on 'Show signer's Certificate' --> Go to Tab 'Trust' --> Click on 'Add to Trusted Certificate' --> Click on 'OK' --> Click on 'Close'

Excluding tunneling.
*
Medical Extension Benefit Not Covered.
*
Occupational Diseases Not Covered
*
Compressed air diseases are not covered
*
Terrorism Cover Covered
*
No Cover for underground/tunnel Activities.
*
All other terms and conditions as per ITG's Standard
WC Policy wordings.

Agent Name & Telephone No:	UPADHYAY, KAJLA,SH
----------------------------	--------------------

The Policy is subject to following endorsement(s) - Endorsement No / Endorsement Wording

The Policy is subject to the following Warranties / Conditions/ Definitions
1. Coverage of Employees should be as per The Indian Employee's Compensation Act , 1923.
2. Wage & Attendance register must be maintained.
Exclusion: Losses or damages caused directly or indirectly due to any infectious or contagious disease, pandemic epidemics as declared by WHO and / or Government of India will be an exclusion under this policy.
The Coverage is as per Policy Wordings / Endorsements / Clauses attached with the Policy Schedule. Please go through Workmen's Compensation Policy and in case of discrepancy, Please inform us.
Corporate Identity Number(CIN): U74899DL2000PLC107621
Toll Free : 1-800-103-5499 ; Other : (0124) 428-5499 ; SMS "claim" to 56161
Policy Issuing Office: Delhi
Consolidated Stamp Duty deposited as per the order of Government of National Capital Territory of Delhi

Workmen's Compensation Insurance - Policy Wordings
Employee's Compensation Act 1923, Indian Fatal Accidents Act 1855, Common Law
WHEREAS the Insured carrying on the Business described in the Schedule and no other for the purpose of this insurance by a proposal and declaration which shall be the basis of this contract and is deemed to be incorporated herein has applied to the IFFCO TOKIO GENERAL INSURANCE CO LTD. (here in after called The

Signature Not Verified

Digitally signed by SUBRATA MOYDAL
Date: 2022.11.23 12:57:44 IST
Reason: Valid Policy Copy
Location: IFFCO Tokio General Insurance Company Ltd, India

Workmen's Compensation (UIN : IRDAN106RP0006V01200001)

Attaching to and forming part of Policy Number 43278313

Show Signature Properties --> Click on 'Show signer's Certificate' --> Go to Tab 'Trust' --> Click on 'Add to Trusted Certificate' --> Click on 'OK' --> Click on 'Close'

Company) for the insurance hereinafter contained and has paid or agreed to pay the Premium as consideration for such insurance.

NOW THIS POLICY WITNESSETH that if at any time during the period of Insurance any employee in the Insured's immediate service shall sustain personal injury by accident or disease arising out of and in the course of his employment by the Insured in the Business and if the Insured shall be liable to pay compensation for such injury either under the Law(s) set out in the Schedule or at Common Law then subject to the terms exceptions and conditions contained herein or endorsed hereon the Company will indemnify the Insured against all sums for which the Insured shall be so liable and will in addition be responsible for all costs and expenses incurred with its consent in defending any claim for such compensation.

PROVIDED ALWAYS that in the event of any change in the Law(s) or the substitution of other legislation thereof this Policy shall remain in force but the liability of the company shall be limited to such sum as the Company would have been liable to pay if the Law(s) had remained unaltered.

EXCEPTION

The Company shall not be liable under the Policy in respect of:

- Any injury by accident or disease directly attributable to war invasion act of foreign enemy hostilities (whether war be declared or not) civil war mutiny insurrection rebellion revolution or military or usurped power.
- The Insured's liability to employees of contractors to the Insured.
- Any liability of the Insured which attaches by virtue of an agreement but which would not have attached in the absence of such agreement.
- Any sum which the Insured would have been entitled to recover from any party but for an agreement between the Insured and such party.

CONDITIONS

- This Policy and the Schedule shall be read together as one contract and any word or expression to which a specific meaning has been attached in any part of this Policy or of the Schedule shall bear such specific meaning wherever it may appear.
- Every notice or communication to be given or made under this Policy shall be delivered in writing to the Company.
- The Insured shall take reasonable precautions to prevent accidents and disease and shall comply with all statutory obligations.
- In the event of any occurrence which may give rise to a claim under this Policy the Insured shall as soon as possible give notice thereof to the Company with full particulars. Every letter claim writ summons and process shall be notified or forwarded to the Company immediately on receipt. Notice shall also be given to the company immediately the Insured shall have knowledge of any impending prosecution inquest or fatal enquiry in connection with any such occurrence as aforesaid.
- No admission offer promise or payment shall be made by or on behalf of the Insured without the consent of the Company which shall be entitled if it so desires to take over and conduct in his name the defence or settlement of any claim or to prosecute in his name for its own benefit any claim for indemnity or damages or otherwise and shall have full discretion in the conduct of any proceedings and in the settlement of any claim and the Insured shall give all such information and assistance as the Company may require.
- The first premium and all renewal premiums that may be accepted are to be regulated by the amount of wages and salaries and other earnings paid by the Insured to employees during each Period of Insurance. The name of every employee together with the amount of wages salary and other earnings shall be properly recorded and the Insured shall at all times allow the Company to inspect such records and shall supply the Company with a correct account of all such wages salaries and other earnings paid during any period of Insurance with one month from expiry date of such Period of Insurance. If the amount so paid shall differ from the amount on which premium has been paid the difference in premium shall be met by a further proportionate payment to the Company or by a refund by the Company as the case may be.
- The Company may cancel this Policy by sending seven days notice by registered letter to the Insured at his last known address and in such event the premium shall be adjusted in accordance with Condition 6.
- If any difference shall arise as to the quantum to be paid under this Policy, (liability being otherwise admitted) such difference shall independently of all other questions be referred to the decision of an arbitrator, to be appointed in writing by the parties in difference or if they cannot agree upon a single arbitrator to the

Signature Not Verified

Digitally signed by SUBRATN MOYDAL
Date: 2022.11.23 12:57:44 IST
Reason: Valid Policy Copy
Location: IFICO Tokio General Insurance Company Ltd, India

Workmen's Compensation (UIN : IRDAN106RP0006V01200001)

Attaching to and forming part of Policy Number 43278313

Show Signature Properties --> Click on 'Show signer's Certificate' --> Go to Tab 'Trust' --> Click on 'Add to Trusted Certificate' --> Click on 'OK' --> Click on 'Close'

decision of two disinterested persons as arbitrators of whom one shall be appointed in writing by each of the parties within two calendar months after having been required so to do in writing by the other party in accordance with the provisions of the Arbitration Act 1940, as amended from time to time and for the time being in force. In case either party shall refuse or fail to appoint arbitrator within two calendar months after receipt of notice in writing requiring an appointment, the other party shall be at liberty to appoint sole arbitrator, and in case of disagreement between the arbitrators, the difference shall be referred to the decision of an umpire who shall have been appointed by them in writing before entering on the reference and who shall sit with the arbitrators and preside at their meetings.

It is clearly agreed and understood that no difference or dispute shall be referable to arbitration as hereinbefore provided, if the Company has disputed or not accepted liability under or in respect of this Policy.

It is hereby expressly stipulated and declared that it shall be condition to any right of action or suit upon this Policy that the award by such arbitrator, arbitrators or umpire of the amount of the loss or damage shall be first obtained.

It is also hereby further expressly agreed and declared that if the Company shall disclaim liability to the Insured for any claim hereunder and such claim shall not within 12 calendar months from the date of such disclaimer have been made the subject matter of a suit in a court of law, then the claim shall for all purposes be deemed to have been abandoned and shall not thereafter be recoverable hereunder.

9. The due observance and fulfilment of the terms, conditions and endorsements of this Policy so far as they relate to anything to be done or not to be done by the Insured and the truth of the statements and answers in the Proposal shall be conditions precedent to any liability of the Company to make any payment under this Policy.

10. It is here by understood and agreed that the cover provided under this Policy shall not extend to indemnify the Insured/Insureds in respect of any interest and/or penalty which may be imposed on him/them on account of his/their failure to comply with the requirements laid down under the Workmen's Compensation Act, 1923 and subsequent amendments of the said Act.

11. The terms earnings, wages and salaries shall mean the employees total remuneration paid or taken due for payment including overtime, value of board and/or lodging, housing accommodation bonuses and all other perquisites privileges or benefits in kind or money, received by the employees from the employer in connection with their employment which are capable of being estimated in money. These terms do not however include any travelling allowance or the value of any travelling concession or a contribution paid by the employer of a workman towards any pension or provident fund or a sum paid to a workman to cover any special expenses entitling on him by the nature of his employment. No deductions shall be made in respect of any contributions paid by employees in connection with pension or provident funds or of income tax deducted at source.

Terrorism Damage Exclusion Warranty

Terrorism / Terrorist Incident of whatsoever nature directly or indirectly caused by, resulting from or in connection with any act of terrorism regardless of any other cause or event contributing concurrently or in any other sequence to the loss is not covered.

Terrorism / Terrorist Incident : Means any actual or threatened use of force or violence directed at or causing damage, injury, harm or disruption, or the commission of an act dangerous to human life or property, against any individual, property or government, with the stated or unstated objective of pursuing economic, ethnic, nationalistic, political, racial or religious interests, whether such interests are declared or not. Robberies or other criminal acts, primarily committed for personal gain and acts arising primarily from prior personal relationships between perpetrator(s) and victim(s) shall not be considered terrorist activity. Terrorism shall also include any act, which is verified or recognized by the relevant Government as an act of terrorism.

Signature Not Verified

Digitally signed by SUBRATN MOYDAL
Date: 2022.11.23 12:57:44 IST
Reason: Valid Policy Copy
Location: IFICO Tokio General Insurance Company Ltd, India

Workmen's Compensation (UIN : IRDAN106RP0006V01200001)

Attaching to and forming part of Policy Number 43278313

Show Signature Properties --> Click on 'Show signer's Certificate' --> Go to Tab 'Trust' --> Click on 'Add to Trusted Certificate' --> Click on 'OK' --> Click on 'Close'

Annexure 17: Present condition of Labour camps at site



Annexure 18: Health and safety practices at site



a. Use of PPE by workers



b. Tool box talk session by safety officer

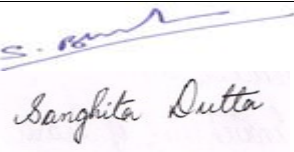
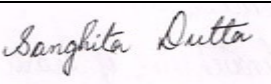
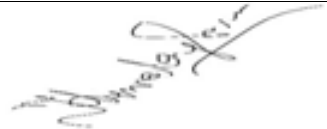
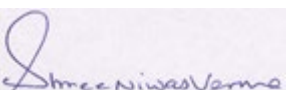
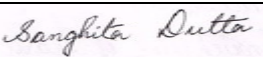
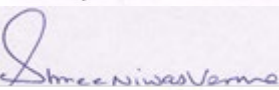

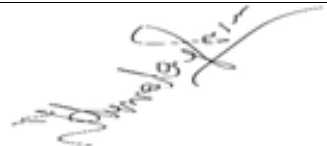
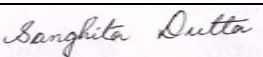
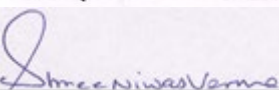

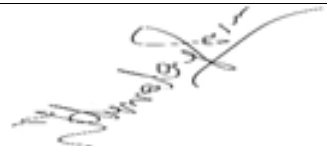


c. Water sprinkling at site and access roads

Project Title: India: Assam Skill University Project

Project Number: 53277

Report Title: Semi-annual Environmental Monitoring Report (Feb23-July23)

Version	Date (report)	Prepared by	Comments implemented and reviewed by	Approved By
Initial Report	Aug 2023	 Sanghita Dutta	 Sanghita Dutta	
Revision	30 Dec 2023	Restructured by  Shreeniwas Verma	 Sanghita Dutta  Shreeniwas Verma  S. Bhanu	
Revision	07 March 2024		 Sanghita Dutta  Shreeniwas Verma  S. Bhanu	

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