

Environmental Monitoring Report

PUBLIC

Project Number: 55307-001
Semi-Annual Report (April – September 2024)
December 2024

Bangladesh: Improving Urban Governance and Infrastructure Program

Prepared by the Management Design and Supervision Consultancy Services under Improving Urban Governance & Infrastructure Program (IUGIP), Local Government Engineering Department (LGED) for the Asian Development Bank (ADB).

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Government of the Peoples Republic of Bangladesh

Local Government Engineering Department
Management Design and Supervision Consultancy Services under
Improving Urban Governance & Infrastructure Program (IUGIP)

**Semi-Annual Environmental Monitoring Report
April 2024 – September 2024**

Prepared by: Management Design and Supervision Consultancy Services under
Improving Urban Governance & Infrastructure Program (IUGIP)
Local Government Engineering Department (LGED)



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Abbreviations

ADB	-	Asian Development Bank
AFD	-	Agence Francaise de Development
Ap	-	Affective Person
DoE	-	Department of environment
DLI	-	Disbursement Link Indicator
EARF	-	Environmental Assessment and Review Framework
ECA	-	Environmental Conservation Act
ECC	-	Environmental Clearance Certificate
ECR	-	Environmental Conservation Rules
EIA	-	Environmental Impact Assessment
EMP	-	Environmental Management Plan
FD	-	Forest Department
GoB	-	Government of Bangladesh
GRC	-	Grievance Redressal Cell
GRM	-	Grievance Redress Mechanism
IEE	-	Initial Environmental Examination
IFT	-	Invitation for Tender
IUGIP	-	Improving Urban Governance and Infrastructure Program
LCC	-	Location Clearance Certificate
LGED	-	Local Government Engineering Department
MDSC	-	Management Design and Supervision Consultant
MLGRDC	-	-Ministry of Local Government, Rural Development, Cooperatives
O&M	-	Operation and Maintenance
PAP	-	Program Action Plan
PMU	-	Project Management Unit
PPTA	-	Project Preparatory Technical Assistance
PRSP	-	Poverty Reduction Strategy Paper
RBL	-	Result-Based Lending
RP	-	Resettlement Plan
SEMR	-	Semi-annual Environmental Monitoring Report
SPS	-	Safeguard Policy Statement
ToR	-	Terms of Reference
UGIAP	-	Urban Governance Implementation Action Plan

Glossary of Bangladeshi Terms

Crore	-	10 million (= 100 lakh)
Ghat	-	boat landing station
Khas, khash	-	belongs to government (e.g., land)
Katcha	-	poor quality, poorly built
Lakh, lac	-	100,000
Madrasha	-	Islamic college
Mouza	-	government-recognized land area
Parishad	-	authority (Pourashava)
Pourashava	-	municipality
Pucca	-	good quality, well built, solid
Thana	-	police station
Upazila	-	sub district



Executive Summary

Environmental monitoring is a tool to assess environmental conditions and trends, support policy development and its implementation. This semi-annual environmental Monitoring report provides an overview of the Improving Urban Governance a Infrastructure Program (IUGIP) compliance status against the applicable standards, laws and regulations for environment, health and safety and environmental safeguards requirements as per loan agreement for the period of April 2024 to September 2024. This semi-annual environmental monitoring report (SEMR) also significances to show the implementation status of the mitigation measures and monitoring programmers suggested in the Program environmental management plans (EMP) at sites.

LGED is responsible for the overall implementation, technical supervision and execution of the Program. They oversee and coordinate the implementation, monitoring and evaluation of the program; execute agreements with the Pourashava to ensure the effective implementation of IUGIP that is planned for 88 pourashavas of Bangladesh.

The proposed results-based lending (RBL) and Disbursement Linked Indicator (DLI) for the IUGIP are built upon the successes and lessons learned from previous Urban Governance and Infrastructure Improvement Projects.

The Department of Environment (DoE) is responsible for the conservation, management, and development of the country's environment and natural resources. This DoE has confirmed based on the Environmental Conservation Rules (ECR) 2023 that activities of this IUGIP will not require obtaining any environmental clearance certificate (ECC) for their nature of small scale. As per ADB's Safeguards Policy Statement (SPS) this program falls under category B. Furthermore, activities all in red category as per ECR, 2023 and category A as per ADB SPS activities are not supported by this program and program has been screened out such activities and excluded from the list of activities.

Below table provides the environmental compliance status of IUGIP for all the ongoing packages. Compliance status is narrated further inside the reports.



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Table 1: Compliance status of commenced packages till 30 September 2024

Note: UR: Urban Road, DR: Drain, MF: Municipal Facilities

Sl. No.	Name of Pourashava and type of subproject	Contract Commence Date	Cumulative Physical Progress up to Reporting (Sep. 2024) month	REA checklist was filled and approved by PMU	RBL checklist was filled and approved by PMU	IEE was prepared and approved by PMU	Approved IEE published to LGED website	SEMP prepared and approved by PMU	Contractor opened injury death insurance for labors or	Obtained license by contractor (labor license/construction work license)	Obtained clearance from forest department or any other organization ¹	Obtained national clearances (DoE clearance) ²	Remarks
Works Ongoing													
1.	Bhanga UR.	9-Jan-24	23.40%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	Work Ongoing
2.	Bhanga UR.	20-Feb-24	18.98%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
3.	Boalmari UR+DR.	23-Jan-24	53.04%	Yes	Yes	Yes	Yes	No	Yes.	Yes	Not Required	Not Required	
4.	Boalmari UR+DR	24-Jan-24	52.59%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
5.	Goalanda UR+DR.	8-Jan-24	31.05%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
6.	Goalanda UR	10-Mar-24	33.27%	Yes	Yes	Yes	Yes	No	Yes.	Yes	Not Required	Not Required	
7.	Naria UR+DR	7-Dec-23	50.04%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
8.	Naria UR	21-Nov-23	67.70%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	

¹ Not required as no such impact that require clearance from forest department or other organization.

² DoE has confirmed based on the ECR, 2023 that activities of this program will not require obtaining any ECC their nature of small in scale.



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9.	Kalkini UR+DR.	12-Feb-24	37.35%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
10.	Kalkini UR	24-Mar-24	29.14%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
11.	Kalkini UR	15-Apr-24	20.20%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
12.	Kaliganj UR+DR.	30-Jan-24	79.68%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
13.	Kaliganj UR+DR.	7-Feb-24	34.64%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
14.	Kaliganj UR+DR.	15-Jun-24	8.83%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
15.	Kaliakoir UR+DR.	26-Jun-24	10.04%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
16.	Kaliakoir UR+DR.	7-Jul-24	7.92%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
17.	Kaliakoir UR+DR.	19-Aug-24	5.00%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
18.	Munshiganj UR+DR	13-Feb-24	21.48%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
19.	Munshiganj UR+DR.	4-Jan-24	32.13%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
20.	Araihazar UR+DR	13-Nov-23	30.02%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
21.	Araihazar UR+DR.	13-Nov-23	47.10%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
22.	Araihazar UR+DR.	20-Nov-23	75.75%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	



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23.	Araihazar UR+DR.	16-Jul-24	0.11%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
24.	Monohordi UR+DR.	25-Apr-24	9.48%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
25.	Monohordi UR+DR	9-Jul-24	0.94%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
26.	Hossainpur UR+DR.	13-Feb-24	11.75%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
27.	Hossainpur DR	13-Feb-24	1.15%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
28.	Madhupur UR+DR.	9-Jan-24	27.68%		Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
29.	Madhupur UR	8-Jan-24	64.05%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
30.	Madhupur UR	8-Jan-24	46.93%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
31.	Madhupur UR+DR.	2-Apr-24	2.51%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
32.	Brahmanbaria UR+DR.	30-Nov-23	35.97%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
33.	Brahmanbaria. UR+DR.	4-Jan-24	16.35%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
34.	Brahmanbaria UR+DR.	14-Mar-24	17.51%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
35.	Sandwip	5-Feb-24	28.46%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	



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	UR+DR.												
36.	Sandwip UR	27-Apr-24	11.24%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
37.	Banskhali UR+DR.	8-Feb-24	23.37%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
38.	Banskhali UR+DR.	28-Jan-24	29.84%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
39.	Banskhali UR+DR	14-Jul-24	5.17%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
40.	Chandanai sh UR	28-Apr-24	21.51%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
41.	Chandanai sh UR	29-Apr-24	8.08%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
42.	Raozan UR+DR.	22-Apr-24	17.00%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
43.	Raozan MF	19-May-24	19.34%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
44.	Haziganj UR+DR.	14-Jan-24	66.10%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
45.	Haziganj DR	14-Jan-24	41.25%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
46.	Haziganj DR	20-Mar-24	21.91%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
47.	Matlab UR+DR.	1-Feb-24	52.85%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	



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48.	Matlab UR+DR.	1-Feb-24	28.21%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
49.	Faridganj UR+DR.	6-Mar-24	15.18%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
50.	Faridganj UR	3-Mar-24	19.00%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
51.	Sonagazi UR+DR	25-Feb-24	24.53%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
52.	Khagrachori UR+DR	15-Nov-23	85.00%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
53.	Khagrachori UR+DR	19-Nov-23	72.45%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
54.	Khagrachori UR+DR	18-Jan-24	63.94%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
55.	Khagrachori UR+DR	27-May-24	51.49%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
56.	Bandarban UR+DR	28-May-24	44.70%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
57.	Chowmuhan UR+DR	27-Nov-23	14.00%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
58.	Chowmuhan UR	27-Nov-23	23.00%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	



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59.	Chowmuhanipur	30-May-24	0.85%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
60.	Raipur	20-Mar-24	3.40%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
61.	Raipur UR+DR	6-Feb-24	7.14%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
62.	Chunarughat UR	22-Nov-23	16.32%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
63.	Chunarughat UR+DR	22-Nov-23	9.72%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
64.	Chunarughat UR	14-Feb-24	2.21%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
65.	Kulaura UR+DR.	30-Jan-24	25.35%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
66.	Kulaura UR+DR	15-Apr-24	10.72%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
67.	Moulvibazar UR+DR	11-Feb-24	29.41%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
68.	Moulvibazar UR+DR.	5-Mar-24	34.63%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
69.	Bheramara UR+DR.	4-Feb-24	64.42%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
70.	Bheramara UR+DR.	15-Feb-24	42.82%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	



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71.	Kumarkhali UR+DR.	4-Mar-24	20.13%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
72.	Kumarkhali UR+DR	1-Jul-24	4.74%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
73.	Gangni UR+DR.	2-Nov-23	34.80%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
74.	Gangni MF	26-Dec-23	8.15%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
75.	Gangni UR	20-May-24	13.99%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
76.	Alomdanga UR+DR.	11-Feb-24	67.08%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
77.	Keshobpur UR+DR	25-Jan-24	55.02%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
78.	Keshobpur UR	29-Feb-24	57.75%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
79.	Keshobpur UR	9-May-24	34.12%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
80.	Santhia UR+DR	15-Nov-23	60.18%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
81.	Santhia UR	15-Nov-23	75.95%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
82.	Naohata UR	26-Dec-23	58.67%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
83.	Naohata UR+DR	4-Feb-24	16.63%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
84.	Bhawaniganj UR+DR	5-Feb-24	32.97%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	



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85.	Bhawaniganj UR	28-Mar-24	44.63%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
86.	Bhawaniganj UR	24-Jul-24	2.27%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
87.	Rohanpur UR+DR.	10-Feb-24	78.83%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
88.	Rohanpur UR	10-Feb-24	67.93%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
89.	Ulipur UR+DR	4-Dec-23	31.75%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
90.	Ulipur UR	4-Feb-24	19.87%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
91.	Patgram UR+DR	17-Jan-24	28.45%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
Contract awarded bUR no construction work started													
1	Tungipara UR+DR	Agreement not signed	Agreement not signed	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	Contract awarded bUR no construction work started
2	Goalanda MF	Agreement not signed	Agreement not signed	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
3	Gangni DR	Work not yet started	Work not yet started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
4	Kulaura UR+DR	25 Mar 24	Work not yet started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
5	Raozan	01 Aug 24	Work not	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	



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	UR		yet started										
6	Monohordi UR	25 Aug 24	Work not yet started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
7	Madan UR	24 Jul 24	Work not yet started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
8	Kaliakoil DR	28 Aug 24	Work not yet started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
9	Naria UR+DR.	18 Aug 24	Work not yet started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
10	Patgram UR+DR.	6 Aug 24	Work not yet started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
11	Bhanga UR	2 Oct 24	Work not yet started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
12	Kumarkhali UR+DR	1 Jul 24	0%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
13	Keshobpur MF	Work not started	00%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
14	Rohanpur MF	4 Apr 24	00%	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	



Semi-Annual Environmental Safeguard Report
(April 2024-September 2024)



Sl. No.	Name of Pourashava and type of subproject	Contract Commencement Date	Cumulative Physical Progress up to Reporting (Sep. 2024) month	REA checklist was filled and approved by PMU	RBL checklist was filled and approved by PMU	IEE was prepared and approved by PMU	Approved IEE published to LGED website	SEMP prepared and approved by PMU	Contractor opened injury death insurance for labors or	Obtained license by contractor (labor license/construction work license)	Obtained clearance from forest department or any other organization ¹	Obtained national clearances (DoE clearance) ²	Remarks
Package in tender/bidding stage													
1	Boalmari UR	Work not started	Work not started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	Package in tender/bidding stage
2	Mirkadim UR+DR.	Not Finalized	Work not started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
3	Araihazar UR+DR	Not Finalized	Work not started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
4	Madan UR	Not Finalized	Work not started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
5	Nazirhat UR+DR.	Not Finalized	Work not started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
6	Nazirhat UR+DR	Not Finalized	Work not started	Yes	Yes	Yes	Yes	No	Yes	Yes	Not Required	Not Required	
7	Matlab UR+DR.	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
8	Sonagazi UR+DR	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
9	Sonagazi UR+DR.	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
10	Bashurhat UR+DR.	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
11	Bashurhat UR+DR.	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
12	Bheramara	7 Jul 24	00%	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	



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(April 2024-September 2024)



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	UR+DR.												
13	Bheramara UR+DR.	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
14	Kumarkhali UR+DR.	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
15	Alamdanga UR+DR.	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
16	Sariakandi UR+DR	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
17	Sariakandi UR+DR.	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
18	Shibganj UR+DR	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
19	Ulipur. UR	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
20	Ulipur UR	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
21	Patgram UR+DR.	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
22	Sunderganj UR+DR.	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
23	Sunderganj UR+DR.	Not Finalized	Not Finalized	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
24	Santhia	Not	Not	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	



Semi-Annual Environmental Safeguard Report
(April 2024-September 2024)



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	UR	Finalized	Finalized										
Bid in Process													
1	Manikganj UR+DR.	Not Finalized	00%	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	Bid in Process
2	Mirkadim UR+DR.	Not Finalized	00%	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
3	Banderban UR+DR.	Not Finalized	00%	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
4	Ramgati UR	Not Finalized	00%	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
5	Ramgati UR	Not Finalized	00%	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
6	Gangni MF	Not Finalized	00%	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
7	Nazipur UR+DR	Not Finalized	00%	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
8	Noahata UR	Not Finalized	00%	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
9	Bagha UR+DR.	Not Finalized	00%	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
10	Shibganj UR+DR.	Not Finalized	00%	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	
Work Order Cancelled													



Semi-Annual Environmental Safeguard Report
(April 2024-September 2024)



Sl. No.	Name of Pourashava and type of subproject	Contract Commencement Date	Cumulative Physical Progress up to Reporting (Sep. 2024) month	REA checklist was filled and approved by PMU	RBL checklist was filled and approved by PMU	IEE was prepared and approved by PMU	Approved IEE published to LGED website	SEMP prepared and approved by PMU	Contractor opened injury death insurance for labors or	Obtained license by contractor (labor license/construction work license)	Obtained clearance from forest department or any other organization ¹	Obtained national clearances (DoE clearance) ²	Remarks
1	Tungipara UR	N/A	N/A	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	Work Order Cancelled
Work Retendered													
1	Santhia UR	N/A	N/A	Yes	Yes	Yes	Yes	Yes	No	Yes	Not Required	Not Required	Work Retendered



Till the end of September 2024, 143 subprojects have been sent to Pourashava for Invitation for Tender (IFT). All of the subprojects have been screened by Environmental checklist and none of this sub-project was dropped due to high-risk category. REA checklist for subproject have been also filled in different Pourashavas. Public Consultation is being conducted by PIU as ongoing basis and 91 Public Consultations have been conducted so far. Total 85 Initial Environmental Examinations (IEE) have been published in the LGED website.

Program Management Unit (PMU) of the Program is LGED and LGED is responsible for the overall compliance to the ADB's SPS 2009 and the all-applicable laws and rules under the Ministry of Environment, Forest and Climate Change (MoEFCC). The PMU has deployed on Environmental and Social focal during the reporting period who leads coordination of environmental and social safeguards issues. The PMU has been supported by a Senior Resettlement/Social Safeguard Specialist and Environmental Specialist (consultant) under Project Management, Design and Supervision Consultants responsible for ensuring the Program complies with the social and environmental safeguard requirements of the ADB. Monitoring of mitigation measures during construction are the responsibility of the PIU Environmental Management Officer, supported by the PMCU Environmental Specialists. As of the end of September 2024, sub-projects work status in the Pourashavas (Road and Drainage) are in various stages of tendering process. IEE along with Environmental Management Plan (EMP) have been prepared for all of these Pourashavas for Road and Drainage. For ensuring proper and effective implementation of various measures of EMP even by associated contractors, EMP has also been made as part of contract condition/document.

IUGIP has agreed Program Action Plan (PAP) for environment safeguards issues, and it has made good progress (development of guidelines, updating ESMF etc.) on the action items of the PAP.

Reference to para 9 of the Loan Agreement, in IUGIP all program actions, in the area of Environmental and Social Safeguards, are in the line of implementation in a timely and efficient manner. To be compliant with loan covenant, a thorough screening has already been conducted, prior to the commencement of any construction or rehabilitation work under IUGIP. It has been ensured that neither of the packages may be classified as category A for Environmental Impacts as per SPS 2009. It has been ensured that the preparation, design, construction, implementation, operation and decommissioning of all activities under IUGIP comply with (i) all applicable laws, regulations and guidelines of Bangladesh relating to Environment, Health and Safety. (ii) Environmental Safeguards and (iii) All measures and requirements, including monitoring requirements set forth in the PAP.

As a continual process, the PMU is monitoring the progress of EMP implementation. The monitoring activities were noted corresponding with the program's risks and impacts. The contractors have submitted monthly Environmental Monitoring Report covering the mitigation measures listed in this EMP. The findings says that the EMP has been followed at the site and no "Non- Compliance" noted.

LGED has conducted five training courses from April to September 2024. The venue of those training courses was in Bogura, Faridpur, Jashore and two courses in Dhaka. The training courses were on: Gender, Environment and Social Safeguards, Contract Management, Climate Change and Quality Control of Infrastructure. Total 120 participants were covered by such trainings where one was female participants. In IUGIP, the Grievance Redress Mechanism is established and this mechanism is functional. However, no grievance has been recorded during the reporting period.



1. Introduction

This Urban Governance and Infrastructure Improvement Program (UGIIP)—supported and financed by the Asian Development Bank (ADB) as the results-based lending (RBL) program that is being implemented to improve urban governance and services in 88 pourashavas of Bangladesh from fiscal year (FY) 2024 to FY2028, benefiting 7.6 million people. The program will (i) strengthen institutional capacity for inclusive municipal governance; and (ii) improve municipal infrastructure in terms of quality, access, resilience, and gender responsiveness. The program will support the Government of Bangladesh in achieving integrated and sustainable urban development to improve the livability of pourashavas.

IUGIP will contribute in reducing regional disparities and encounter local economic development. The ESMF was prepared to provide guidance framework aligned with national laws of GoB and SPS 2009 of ADB. This program under RBL modality will cover 88 Pourashavas listed in Annex1.

1.1. Impact and Outputs

The RBL program's impact is urban poverty reduced and living conditions improved and it has the below outputs:

Output 1: Institutional capacity for inclusive municipal governance strengthened. The RBL program will improve the livability and holding tax collection efficiency of target pourashavas by supporting the LGD, the LGED, and selected pourashavas to achieve inclusive municipal governance by (i) institutionalizing the criteria-based government development budget transfer to pourashavas (DLI 2); (ii) implementing urban governance improvement action plans (UGIAPs) in 88 pourashavas (DLI 3); (iii) computerizing (web-based) revenue management systems in 88 pourashavas (DLI 3); (iv) establishing a gender and climate-responsive operation and maintenance (O&M) management system in 88 pourashava (DLI 6); (v) training 1,570 staff (including 90% of eligible women staff and female councilors of pourashavas, the LGED, and the LGD) on urban governance, tax management, citizen participation, and climate-resilient urban planning (DLI 3 and DLI 5); (vi) earmarking at least 1% of the municipal revenue budget for implementation of pourashava-specific Gender Equality and Social Inclusion (GESI) action plans by 88 pourashavas (DLI 7); (vii) training at least 5,100 residents (including 50% women) of low-income neighborhoods on resilient livelihood skills (DLI 7); (viii) forming at least 252 low income neighborhood improvement committees with at least 50% women members in 63 pourashavas (DLI 7); (ix) approving 63 climate and disaster risk-informed master plans by respective pourashava councils (DLI 5); (x) completing at least 300 resilient and gender-responsive municipal infrastructure component detailed designs (DLI 4); and (xi) adopting climate-resilient and socially inclusive public open space guidelines (DLI 5).

Output 2: Municipal infrastructure improved in quality, access, resilience, and gender responsiveness.

The RBL program will support the development of priority municipal infrastructure and essential services for improving livability in 63 target pourashavas by (i) rehabilitating and reconstructing stormwater drainage, including natural drainage, to reduce climate and disaster risk (DLI 8); (ii) rehabilitating or reconstructing roads with stormwater drainage, bridges, and culverts for improved connectivity and access to municipal services that meet standards for GESI responsiveness, safety, resilience, and accessibility (DLI 9); (iii) improving other infrastructure, including community facilities and climate-resilient and socially inclusive public open spaces (DLI 10); and (iv) implementing low-income neighborhood improvement programs, including the construction of elderly (old age), women, and child-friendly sanitation facilities for poor households (non-DLI).

1.2. Location Map for the Program

The location map of the program is depicted below. The location of the program is 88 pourashavas and the list of the pourashavas under the program is included in the annex.

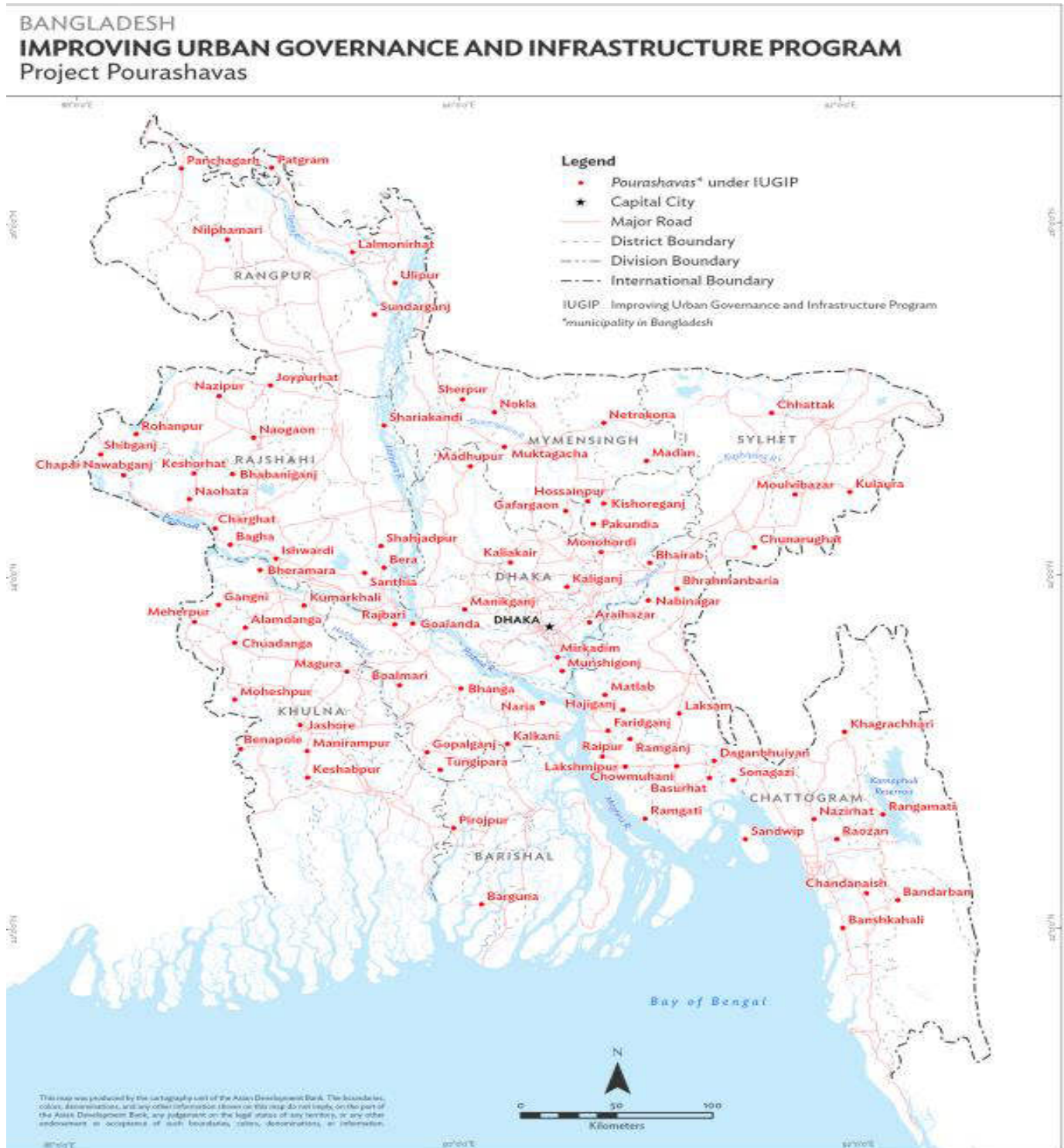


Figure 1: IUGIP Program Map



1.3. Purpose of the Report

This Semi-annual Environmental Monitoring Report (SEMR) has been prepared by LGED with the supports of their consultants for the period of April-September 2024. This is the second SEMR after the loan effectiveness of the program. This reports provide status of the program compliance of ADB RBL policy³ and ADB Safeguard Policy Statement (SPS)⁴ along with national regulations.

1.4. Scope of Works

Below table represents the scope of the RBL program:

Table 2: Scope of the program

<i>Item</i>	<i>Scope</i>
Outcome	Municipal services and governance in target <i>pourashavas</i> improved.
Key outputs	(i) Institutional capacity strengthened for inclusive municipal governance (ii) Municipal infrastructure improved in quality, access, resilience, and gender responsiveness.
Activity types	Prepare UGIAP, develop a web-based revenue management system, prepare central government fund transfers, construct municipal and low-income neighborhood infrastructure civil works, undertake capacity development activities, and prepare GESIAP preparation and budgeting
Expenditure size	\$689.29 million
Main financiers and their respective total amounts	Government: \$189.29 million ADB: \$300.0 million AFD: \$200.0 million
Geographic coverage	88 <i>pourashavas</i>
Implementation period	2024–2028

1.5. Program Component

The components of the program are as follows:

- Urban roads improvement
- Urban roads improvement Low-income neighborhoods Infrastructure [Water hand pumps and/or bore wells, community toilets, footpaths]
- Development of market centers
- Development of parks.

The overall Program is estimated to cost US \$ 689.29 million. The GoB contribution is US \$ 189.29 million, ADB loan is US \$ 300.00 million & TA grant amount US \$ 2.00 million. AFD loan is US \$ 200.00 million. The start date of the Program is July 01, 2023 and the completion

³ <https://www.adb.org/sites/default/files/institutional-document/526346/mainstreaming-rbl-programs.pdf>

⁴ <https://www.adb.org/sites/default/files/institutional-document/32056/safeguard-policy-statement-june2009.pdf>



date is June 30, 2028. The ADB loan signed on 14.08.2023. This ADB loan was effective from 12.10.23. The AFD loan was signed & effective from 11.08.23.

1.6. Implementation arrangement

The Ministry of Local Government, Rural Development and Cooperatives (MLGRDC) acting through its Local Government Engineering Department (LGED) is the Executing Agency. The implementation of the RBL program is being carried out through LGED at the local level. The respective Pourashavas (PIUs), where the program is being implemented, are also active stakeholders of the program. After construction of the subproject components, these will be transferred to Pourashavas.

At the LGED, PMU has been established and this PMU is being supported by the consultants. At the Pourashava level, PIU is implementing the program related construction works. One environmental and social safeguard specialist focal has been designated at the end of PMU from LGED is reporting to the Project Director. In the operation phase, Pourashavas will take care of operation and maintenance of facilities constructed with the assistance of district team of LGED. At PIU level, one officer of Assistant Engineer rank are designated as safeguard focal person, who will ensure EMP and resettlement plan implementation. Project Management, Design and Supervision Consultants (PMDSC) has been engaged to work closely with and advise the PMU and PIUs including the safeguards matters. Contractors at each subproject site designated one site engineer as environment, health, and safety officer.

The Safeguard Cell at PMU ensures that environmental requirements and EMPs and the resettlement plans are included in subproject contract documents. It also ensures that contractors adhere to the mitigation measures listed in subproject EMPs and resettlement plans.

1.7. Implementation Progress

As para 9 of the Loan Agreement, in IUGIP all program actions, in the area of Environmental and Social Safeguards, are in the line of implementation in a timely and efficient manner. Subprojects of program are designed, constructed, operated, and maintained in accordance with Borrower's Environmental Conservation Rule, 2023, and ADB's SPS 2009. and EARF prepared for the Program and agreed between the Borrower and ADB. Monitoring of mitigation measures during construction are the responsibility of the PIU Environmental Management Officer, supported by the PMDSC Environmental Specialists. As of the end of March 2024, sub-projects work status in the Pourashavas (Road and Drainage) are in various stages of tendering process, as stated above. IEEs have been prepared for all of these Pourashavas for Road and Drainage.

The EMP describes detailed site-specific mitigation measures including monitoring indicators with responsibility allocation in different stage of project cycle i.e. pre-construction, construction, and operation & maintenance phase. For ensuring proper and effective implementation of various measures of EMP even by associated contractors, EMP has also been made as part of contract condition/document. The Cumulative Physical Progress up to end September, 2024 is in Annex 12.

1.8. Result Based Lending, RBL, Disbursement Link Indicator, DLI

RBL is a new performance-based form of financing, where disbursements are linked to results rather than expenditure. Worldwide, demands are growing for governments and development



agencies to deliver measurable results. Better results are essential for fiscal sustainability, economic growth, human development, and poverty reduction. These increasing demands have driven a wide range of public sector reforms. Many innovative instruments have emerged viz the results-based Lending (RBL) in particular.

This working paper proposes that the Asian Development Bank (ADB) introduce a results-based Lending (RBL) for programs modality.

This IUGIP, is a result-based Lending (RBL) program, considering through DLIs (disbursement linked indicators matrix). Under this component, Program resources will be disbursed based on the achievement of targets under performance-based outputs.

The subcomponent will finance operation and maintenance (O&M) of urban infrastructure in Pourashavas which meet the requirements stipulated in the RBLs. The implementing agency, the IUGIP of Local Government Engineering Department (LGED) will support Pourashavas in meeting the RBLs; evaluate their performance; and allocate funds to those that meet the RBLs. Under this, Program resources will be disbursed based on the achievement of targets under the Performance-based Conditions.

The Improving Urban Governance and Infrastructure Program (IUGIP) under the Result Based Lending (RBL) modality will improve infrastructure facilities such as drains, roads, streetlights, low-income neighborhoods improvement (footpaths, drains, streetlights, tube wells, dustbins and community toilets), market centers and parks in selected Pourashavas.

2. Program's Environmental Safeguards

2.1. ADB Safeguard Policy Statement, 2009

The Safeguard Policy Statement (SPS) categorizes proposed components into categories (A, B or C) to determine the level of environmental assessment required to address potential impacts.

According to the safeguard policy statement, 2009 of ADB the Program falls under Category B and hence an IEE is sufficient to meet the environmental requirements. These policies apply to all ADB-financed Programs.

2.2. Status on environmental and social activities during the reporting period

2.2.1. Screening of Sub-Project by Result Based Lending (RBL)

Till the end of September 2024, 143 subprojects have been sent to Pourashava for IFT. All of the sub-projects have been screened by Environmental checklist and none of these subproject was dropped due to high risk category.

2.2.2. REA Check list

This checklist has been sent to all the Pourashava Engineers of 63 Pourashavas. The technical personnel of the Pourashava are entrusted to complete this Checklists (sample filled checklist in Annex-11) for the better accomplishment of the program.



2.2.3. Public Consultation

Public Consultations have been conducted by PIU on an ongoing basis and 91 Public Consultations have been conducted by the end of September 2024.

3. Statutory Environmental Requirements

3.1. Compliance Status on legislations

The covenants to the loan agreement with ADB require that the sub-programs are designed, constructed, operated, and maintained in accordance with Borrower Environmental Conservation Rule 2023, ADB Safeguard Policy Statements (2009) as agreed between the Borrower and ADB.

Reference to the memo number 22.02.0000.018.72.029.23.177 dated June 25, 2023, the DOE opined that, no Environment Clearance is required, as the programs under IUGIP are smaller than that described in schedule 1 of ECR, 2023. Letter of DoE enclosed in the Annex 5.

To be complied with national regulations, program has also confirmed that contractors opened injury or death insurance for labors and obtained license by contractor (labor license/construction work license).

3.2. Compliance Status with Program Action Plan (PAP) for Environmental Safeguard related Actions

Sound environmental management is critical to sustainable development. IUGIP's environmental safeguards aim to ensure the environmental soundness and sustainability of IUGIP and to support the integration of environmental considerations into the program decision-making process. IUGIP has agreed PAP for environment safeguards issues, and it has made good progress on the action items of the PAP. The status of the implementation of the PAP items are provided in the table below.



Table 3: Status on environment safeguards PAP

Actions as per PAP	Current status PMU	Remarks
3.1 Environment and Social Monitoring Framework (ESMF) developed and operationalized in 60 <i>pourashavas</i> .	1.PMU has assigned staff for responsibilities of ESMF and, all records of screening, document preparation, approval etc. is maintained.	Done
	2. PMU has Updated ESMF on the basis of ADB reviewed comments.	Done
	3. Total 82 projects has been Updated by using screening and categorization forms appended to ESMF in PID	Done
	4. As per Above screening and categorization approach it is following for new subprojects.	Ongoing on regular basis
	5. As per Above screening and categorization its always excluded from RBL program	Being followed
	6. 20 IEE has been published in LGED website	Done and ongoing for other subprojects
	7.PIUs and PMU to maintaining records	Being followed
	8. First quarter SEMR submitted and moderation under process on the basis of ADB's comments.	Done
3.2 Water quality test requirement practiced in the low-income neighborhoods under the Third UGIIP adopted and operationalized in 63 <i>pourashavas</i> .	9.Before construction water quality test will be done.	



Actions as per PAP	Current status PMU	Remarks
3.3. Guidelines /protocols developed to: (i) identify and exclude tube wells/bore wells contaminated arsenic from RBL program activities (ii) Toilet / septic tank siting and design guidelines to prevent and contamination of groundwater (iii) safe disposal/recycling of discarded and end-of-life solar in streetlights.	10.Guidelines /protocols already been updated with the help of MDSC consultants.	Done
3.4 Obtain and renew ECC in accordance with DOE conditions; if a common environmental clearance certificate is obtained, ensure that all individual program activities to which ECC is applicable are specified in ECC.	11. PMU has taken exempted letter from DOE that confirms that IUGIP will not require ECC as for all projects ECR 2023 for the nature of activities.	Not required
3.4 3 Environmental and Social Safeguard focal persons or specialists are assigned to LGED Program Management Unit, and <i>pourashavas</i> to strengthen the coordination for environmental social safeguards compliance. Appoint dedicated environmental social safeguards staff at PMU build capacity to implement ESMF Appoint safeguards staff in PIUs build capacity for implementation RBL program activities in with ESMF	12. Safeguard Officer for PMU and Pourashava's formation done.	Done

4. Loan Covenant Compliance

Reference to para 9 of Schedule 4 of the Loan Agreement, status of the compliance of the environmental safeguards' matters are provided in below table.

Table 4: Compliance Status of Loan Covenant

Sl	Para/ Clause no.	Description	Compliance Status	Action to be Taken
1	9	The Borrower shall ensure that all Program Actions in the area of Environmental and Social Safeguards are in the line of implementation in a timely and efficient manner.	Complied	To be continued throughout the Program life.
2	10 (a)	The Borrower shall ensure, or cause the Program Executive Agency to ensure, that no construction or rehabilitation works under the Program involve significant adverse environmental impacts that may be classified as category A under the SPS. Prior to commencing any construction or rehabilitation works under the Program, the Borrower shall conduct, or cause the Program Executive Agency to conduct, a screening to ensure that any works that may be classified as category A for the environment impacts within the meaning of SPS are excluded from the Program	Complied	A through screening has already been conducted, prior to the commencement of any construction or rehabilitation work under IUGIP. It has been ensured that neither of the packages may be classified as category A for Environmental Impacts, within the meaning of SPS 2009. This screening will be continued throughout the Program life.
3	10 (b)	The Borrower shall ensure, or cause the Program Executive Agency to ensure, that the preparation, design, construction, implementation, operation and decommissioning of all activities under IUGIP comply with (i) all applicable laws, regulations and guidelines of the Borrower relating to Environment, Health and Safety; (ii) the Environmental Safeguards; and (iii) all measures and requirements, including monitoring requirements set forth in the Program Action Plan.	Complied	To be continued throughout the Program life.

Compliance status with Government Regulations

A per DoE's decision based on ECR, 2023

No Environmental Clearance from DoE is required when:

- (i) The road length does not exceed 5 Km
- (i) The bridge span does not exceed 100 m

No Environmental Clearance from DoE is required for IUGIP, as road length for any of the packages, does not exceed 5 Km. There is no bridge in IUGIP. No road cutting permission will be required as all the roads will be made within the existing Right of Way (RoW). In any case if any tree required to be uprooted, two trees will be planted for each tree cutting. Mostly local labors work in the construction site. The contractor has already acquired a "Labor License" to engage labor at work.

5. Compliance with the steps of ESMF

Till date 143 IEEs has been made. Eighty five numbers of IEE have already been disclosed in LGED website. The rest are in the process of disclosure. Both the IEE and EMP has been included in the bid document.

All the packages complied with each step of Environmental and Social Management Framework (ESMF). The steps of ESMF were policy and legal framework, screening and environmental social assessment process, negotiated settlement and donation of land, environmental and social (involuntary resettlement) impacts, environmental management plan, resettlement plan and indigenous peoples community development plan, participation consultation and disclosure, grievance redress mechanism, institutional arrangement for safeguard compliance and capacity building.

However, specific ESMF compliance status as per PAP is provided in PAP status table 4 in section 3.2.

6. Compliance with EMP implementation

The compliance is monitored from PMU. A checklist has been sent to the site to be filled by PIU. They are filling it up and sending regularly it to PMU.

6.1. Compliance with EMP measures

For the infrastructures under the program, design included relevant provision for ensuring protection and adequate safety of the assets being created long-term sustainability. Stakeholder consultation is being carried out on a regular basis. Construction activities under the program have been commenced and in summary the below EMP measures have been ensured on the ground which are not limited to:

- All construction materials being procured from sources compliant with regulations of GoB and local levels.
- In procuring soil, the fertile top layer (top soil) is hipped/stored at the site. It is replaced after the transportation of the soil from the borrow pit.
- Potable drinking water free from arsenic contamination has been provided to the labor shed and work sites.
- The waste is collected in two separate bins: bio-degradable & non-biodegradable bins. The bio-degradable wastes are being dumped in a pre-selected area. Whereas the non-

biodegradable wastes are placed for re-cycling and the residue will ultimately be dumped in a pre-selected zone. The dumping yard will be far from any waterbody and selected area of Pourashavas.

- To prevent dust pollution the stockpiling of construction material is covered with tarpaulin. The construction waste is covered and stored at a pre-selected location, to avoid dust pollution. Water is spread at the site to eliminate the spreading of dust.
- The GoB Noise Pollution Control Rules, 2006 has been strictly followed at the site in deploying/using of machineries and equipment. Equipment that produces less sound, has been deployed at the site. Restriction has been imposed for noise producing equipment from operation, during the night-time between 10.00 pm to 6.00 am.
- Steps/ measures to protect slope has been taken as per design to control soil erosion especially when any excavation works are taken up in the open areas, near drains/canals and Ponds.
- The Contractor has already taken all precautionary measures to prevent water stagnation so as to avoid breeding grounds for mosquitoes and danger of other vector borne diseases near the construction sites.
- The Contractor strictly follows the instruction: not to park/repair vehicle, refueling and spillage of any lubricants around any water bodies to avoid ground contamination.
- Storing fuel and lubricants at sites has been strictly prohibited, to avoid soil pollution.
- The Contractor has already been instructed to minimize impacts on flora and fauna during construction phase.
- Use of PPE (personal protective equipment) viz. protective footwear, protective goggles, welder's protective eye-shields etc. are considered as a must at the work site.
- Use of demarcation, barricade/fencing and safety signage at the worksite to address the community health and safety issues including the workers occupation health and safety issues.
- Contractor has been instructed to use any toxic chemical in accordance with the manufacturer's instructions.
- Onsite emergency plan has already been chalked out to cater accidents and mishaps. Disaster Management Plan for natural calamities has also been made.

6.2. Compliance Status with Suggestion of ADB July Mission

During the last ADB mission visit in two pourashavas in July 2024, some of the areas of improvement were identified and the issues specified in table include those were indicated by stakeholders in meetings too. This compliance status of those areas of improvement is provided in below table.

Table 5: Compliance Status of Suggested Measures of July 2024 ADB Mission

SI	Findings	Suggested Areas of Improvement	Compliance Status	Remarks
Madhupur Pourashava				
Findings from Sawdagar para low income neighborhood improvement committee (LINIC) monthly meeting				
1	In the monthly meeting of LINIC, community environmental issues (e.g., waste management, water logging, growth of vector insects/mosquitoes) and their mitigation measures to be undertaken could be discussed	To discuss community environmental issues and their mitigation measures to be undertaken in monthly LINIC meeting	Complied	To be carried out in all future meetings
Findings from the construction site of road package IUGIP/MADHU/UT/01/2023				
1	There were areas of improvement of overall safety aspects of the construction site.	The site needs to be improved including use of adequate number of safety signage,	Complied	Suggestion taken to address in all other similar

SI	Findings	Suggested Areas of Improvement	Compliance Status	Remarks
		unauthorize entry restrictions to the construction site, flagman/ traffic management need to be ensured at the worksite.		construction site
2	Excavated soil/spoil found being stored on the dyke of a pond	All such soil/spoil needs to be managed in such a way that no runoff bearing sediments fall on the waterbody.	Complied	Suggestion taken to address in all other similar construction site
3	The site lacked presence of drinking water and first aid box for the workers.	Drinking water and first aid box for the workers need to be ensured at all construction sites.	Complied	Suggestion taken to address in all other similar construction site
4	Some of the required EHS documents/records keeping registers were not found at the worksite.	Required EHS documents/records keeping to be kept/ maintained at worksite: (i) approved IEE/EMP/SEMP; (ii) filled and approved screening and categorization forms; (iii) filled monitoring checklist; (iv) grievance register; (v) accident register; and (vi) waste/debris management register.	Complied	Suggestion taken to address in all other similar construction site
Findings from the construction site of road package IUGIP/MADHU/UT/03/2023				
1	Gum boots instead of safety shoes being used	Safety shoes with hard shield needs to be used by the workers.	Complied	Suggestion taken to address in all other similar construction site
2	There were areas of improvement for overall safety aspects of the site.	Overall safety aspects of the site needs to be improved including use of adequate number of safety signage, unauthorize entry restrictions to the construction site, flagman/ traffic management need to be ensured at the worksite.	Complied	Suggestion taken to address in all other similar construction site
3	Some of the required EHS documents/records keeping registers were not found at the worksite.	Required EHS documents/records keeping to be kept/ maintained at worksite: (i) approved IEE/EMP/SEMP; (ii) filled and approved screening and categorization forms;	Complied	Suggestion taken to address in all other similar construction site

SI	Findings	Suggested Areas of Improvement	Compliance Status	Remarks
		(iii) filled monitoring checklist; (iv) grievance register; (v) accident register; and (vi) waste/debris management register.		
Kaliakair Pourashava				
Suggestion from special TLCC meeting and exchange view session				
1	Since the IUGIP has both governance and infrastructure activities, it can collaboratively work with regulatory authority {department of environment (DOE) } by carrying out advocacy for enforcement of environmental regulations to control pollution and protect the environment.	To carry out advocacy works with DOE to control pollution and protect the environment	IUGIP may find a way if this can be done	
2	The Pourashava may set some environmental criteria considering design features to reduce pollution as well as mitigative feature/technology to control pollution as part of the requirement of license that they provide for installation of new industries.	To set criteria by the Pourashava to issue new license	IUGIP may find a way if this can be done	
Suggestion from courtyard session and monthly meeting of LINIC				
1	In the court yard session and monthly meeting of LINIC, community environmental issues (e.g., waste management, water logging, growth of vector insects/mosquitoes) and their mitigation measures to be undertaken could be discussed	To discuss community environmental issues and their mitigation measures to be undertaken in monthly LINIC meeting	Complied	To be carried out in all future meetings
Findings from the construction site of road package IUGIP/KALIA/UT+DR/01/2023				
1	Gum boots instead of safety shoes being used	Safety shoes with hard shield needs to be used by the workers.	Complied	Suggestion taken to address in all other similar construction site
2	First aid box was found in place at worksite premises, but it was found that some medicines are also kept in the box beyond the required first aid items.	No medicine (without doctor's prescription) rather than the first aid items should be kept in a first aid box.	Complied	Suggestion taken to address in all other similar construction site
3	There were areas of improvement for overall safety aspects of the site.	Overall safety aspects of the site needs to be improved including use of adequate number of safety signage, unauthorize entry restrictions to the construction site, flagman/ traffic	Complied	Suggestion taken to address in all other similar construction site

SI	Findings	Suggested Areas of Improvement	Compliance Status	Remarks
		management need to be ensured at the worksite.		
4	The site lacked presence of drinking water for the workers	Drinking water for the workers needs to be ensured at all construction sites.	Complied	Suggestion taken to address in all other similar construction site
5	Some of the required EHS documents/records keeping registers were not found at the worksite.	Required EHS documents/records keeping to be kept/ maintained at worksite: (i) approved IEE/EMP/SEMP; (ii) filled and approved screening and categorization forms; (iii) filled monitoring checklist; (iv) grievance register; (v) accident register; and (vi) waste/debris management register.	Complied	Suggestion taken to address in all other similar construction site

6.3. Environmental Quality Monitoring

Environmental monitoring tests for five environmental components is to be performed at the site. These tests have performed at the beginning, at the mid and at the end of work. These tests are as follows:

(i) Air quality test, (ii) Surface Water Quality test, (iii) Ground water quality test, (iv) Noise Level Measurement, and (v) Soil Quality Test.

As of September 30, 2024, one hundred three (103) sets of tests have been performed at the site, and program is awaiting the reports from the labs.

6.4. EMP Cost

An Environmental Management Plan (EMP) is a site or project specific plan developed to ensure that appropriate Environmental Management Practices are followed during a project's construction or operation.

Here the EMP was prepared to mitigate environmental risks and impacts of the Program. The EMP contains the agreement between LGED and ADB detailing the implementation of mitigation measures, monitoring program, cost estimates, and institutional arrangement to ensure that no significant adverse impacts results from the Program intervention. The basic objectives of the EMP are:

- established the roles and responsibilities of all parties involved in the Program's environmental management;
- ensured implementation of recommended actions aimed at environmental management and its enhancement; and
- ensured that the environment and its surrounding areas are protected and developed to meet

the needs of the local communities including other stakeholders and safeguard and the interests of the common people.

The total environmental management plan implementation is around 0.6% of the total civil works cost. The following items have been incorporated in the BoQ for each sub-Program and it varies from 4 to 7 lakhs depending on the volume of the package. The EMP has already been included in the relevant "Bidding Document".

6.5. Items incorporated in the BoQ for each subprojects

Providing and maintaining adequate portable water supply, sanitation, and cleanliness facilities at camp site and work site.

Temporary Toilet: Construction of temporary toilets in work site/rest area

Dust suppression measures at unpaved road surface or any other place suspect to dust blowing.

Air Quality: Periodic air quality monitoring during construction stage at construction sites, batching plants, crusher plants (if specifically established for Program), at major settlement areas along Program site. The parameters to be monitored are suspended particulate matter (SPM), respirable particulate matter (RPM), sulfur dioxide (SO₂) and oxides of nitrogen (NO_x), carbon monoxide (CO), Lead (Pb). Each monitoring schedule shall be over duration of 24 hours (in 8 hour shifts) for three seasons per year.

Water Quality: Water quality monitoring during construction phase at locations. The sampling shall be carried out for three seasons per year and cover all parameters as per WHO's Guidelines for Drinking-Water Quality including heavy metals.

Noise Quality: Noise quality monitoring at specified silent receptors along Program Road, at construction camp sites, batching plants, crusher plants (if specifically established for Program), and at major settlement areas along Program Road. Each monitoring schedule shall be over a duration of 12 hours (6 AM to 6 PM) for three seasons per year.

Maintain First Aid box at campsite to the entire satisfaction of the EIC.

In each of the bidding documents of the signed contracts a general Environmental Management Plans (EMP) has included. The contractors are fully aware of their responsibilities and requirements for compliance to environmental safeguards

6.6. EMP on Bidding Documents

In all the bidding documents, Environmental management Plan (EMP) has been included. It has been included in the Invitation for Tender (IFT) i.e. incorporated in the contract document. No amendment has been made in any package since the contract signed. Compliance of EMP & its proper monitoring noted at the site. No "Non-Compliance" has been observed. Nomenclature of an EMP from a Bidding Document (Chhatak Pourashava) (Annex 4)

6.7. Monitoring and Reporting on EMP

As a continual process, the PMU is monitoring the progress of EMP implementation. The monitoring activities was noted corresponding with the program's risks and impacts. The contractors have

submitted monthly Environmental Monitoring Report covering the mitigation measures listed in this EMP. The findings says that the EMP has been followed at the site and no “Non- Compliance” noted.

6.8. Summary of Quantitative and Qualitative Monitoring Data

In order to consolidate the overall safeguard compliance (qualitative and quantitative monitoring data) of packages are being implemented properly, activity wise a common checklist in line with the Program IEE, was provided to all Pourashava Engineers (PEs) to collect the EMP implementation status with the assistance of contractor’s environmental focal person. Further, the photography of the environmental compliance and non-compliance issues were collected during the monitoring period. Checklist received by September 30, 2024, is 133 numbers.

6.9. Summary of Quantitative and Qualitative Monitoring

Labor shed provided with sanitation system and potable water facilities. Separate toilet facility for male & female labor was observed. Use of cautionary sign found in position. Use of PPEs and first aid kit by the contractor at working site was found in order. Female labor found at the site. No child labor found working. No vehicle was found emitting black smoke. Dust suppression measures has been taken as required. Environmental compliances have been fully complied at the site.

Dumping and disposal of wastes: The use of PPE (personal protective equipment) has been strictly followed at the site. Wastes have stored safely in a separate dustbin and disposed quickly into a safe place. Hygienic situation ensured all around the labor shed and office premises by spraying disinfectant.

6.10. Summary of Environmental Monitoring Tests Performed

The summary of the environmental monitoring tests is provided in the below table:

Table 6: Summary of the environmental monitoring tests

SI #	Test Required for EMP	Test performed in number of Sub-Project	Test result received for number of Sub-Project
	Name of the Tests		
01	Air Quality Test	103	92
02	Noise Level Measurement	103	92
03	Soil Quality Test	103	92
04	Ground Water Quality Test	103	92
05	Surface Water Quality Test	103	92

6.11. Training on Health and Safety and Implementation of EMP

Formal Trainings:

LGED has conducted five training courses from April 2024 to September 2024. The details of the conducted training programs are as follows:

Table 7: Summary on trainings conducted

Sl #	Venue	Date of Commencement	Number of Participants	Comment
01	Bogura	May 15, 2024	25	Among the total participant attended, the number of female participant was only one.
02	Faridpur	May 19, 2024	25	
03	Jashore	May 20, 2024	23	
04	Dhaka	June 25, 2024	20	
05	Dhaka	June 26, 2024	27	
	Total number of Participants		120	

The main topic of discussion, were as follows:

- (i) Construction Management and Quality Control
- (ii) Supervision of Infrastructure Construction Technique
- (iii) Road Safety & Traffic Sign Maintenance
- (iv) Sub-Soil Investigation
- (v) Road site tree plantation& care taking
- (vi) Result Based Lending (RBL) & Disbursement Link Indicator (DLI)
- (vii) Gender Issues & Role of Woman in Infrastructure Improvement.
- (viii) Environment & Social safeguard Issues
- (ix) Procurement & Contract Management
- (x) Climate Change & its Environment Impacts

The Pourashava Engineers and the contractors or the Engineers/representatives from the contractor's end were the main participants. Among the trainers: the Quality Control Engineer, Environment Specialist, Gender Specialist, Procurement Specialist & the Training Specialist were noteworthy.

6.12. Occupational Health and Safety Compliance

The contractors have adopted the safety measures, such as placing of barricades/safety fencing, erection of metal sheet fencing, safety signs, and appointment of national safety staff and traffic management staff. Contractors have posted new safety signs and billboards at the critical work sites. As mandatory, the laborers wear Personal Protective equipment (PPE) viz. hard hat, safety glasses, and footwear etc., at the site to ensure their safety. Nonetheless, contractors have ensured workers welfare and good housekeeping practices at workers' camp.

Reporting of Accidents and Injuries including Fatalities: There was no accident or incident at the IUGIP site, till September 30, 2024. Indeed, there is a liability to report to ADB any major incident, fatality, or significant injury within three working days of its occurrence. No report has been submitted as no accident or incident took place at the site.

Exposure to Disease: The IUGIP has taken into consideration differentiated exposure to, and higher sensitivity of, disadvantaged or vulnerable groups and has already developed appropriate

mitigation measures in meaningful consultation with such groups and the competent government authorities.

Sexual Exploitation, Abuse & Harassment (SEAH): IUGIP has already adopted specific and differentiated measures to prevent and address SEAH, following a survivor-centered approach, and has established a confidential grievance mechanism for reporting incidents and referral systems to provide support to SEAH survivors.

Awareness on gender issues publicized at the work site. The awareness on sexual abuse and sexual intimidation, has been widespread at the site. It is not only sexual abuse and sexual intimidation, but awareness on gender issues has also been publicized.

Not a single incidence of sexual exploitation, abuse and harassment took place at the site. No accident of any magnitude took place in either sub-project.

7. Public Consultation

Till September 30, 2024, Ninety-one (91) number of public consultations has been conducted. On an average 30 participants participate in this type of public consultation. The female participant is around 5% here.

Topic Discussed in the “Public Consultation”

- (i) Potential environmental impacts from project activities.
- (ii) Project safeguard policy to mitigate environmental impacts.
- (iii) Role of communities to inform GRC on adverse environmental impacts or on negligence of contractors on environmental safeguard compliances.
- (iv) Improved Road Network connectivity.
- (v) Expansion of economic opportunities of rural poor through the improvement of rural infrastructure & Poverty reduction
- (vi) Gender development
- (vii) Improvement of local governance.
- (viii) Environmental sustainability
- (ix) Increased agricultural production i.e. higher incomes
- (x) Better educational attainment.

The participants in the “Public Consultation” expressed their opinion on an all-weather road. To have an uninterrupted illumination on the streets, they were insisting on ‘Solar Powered Street Light’. The height of the roads should be above the highest flood level (HFL). The drains by the side of the road should be covered with slabs, so that the drains may not be used as dustbin & simultaneously it may be used as a footpath. They emphasized on tree plantation by the side of the roads. Inclusion of more labor from the local community was also their demand.

Focus Group Discussion

Ten to fifteen numbers of participants attended in each “Focus Group Discussion (FGD)”. 10% of the participants in this FGD was female. Sixty-Nine FGDs held at Pourashava level till September

30, 2024. In the FGD brief discussion was made on the IUGIP program. The participants felt delighted & enthusiastic to have roads & drains in their Pourashava. They opined to have durable infrastructure. They expressed to extend all sorts of cooperation from their end during the execution stage. They requested to enroll as much labor as possible from the locality.

8. Grievance Redress Mechanism (GRM)

A grievance redress mechanism has already been established to voice and resolve the social and environmental concerns linked to the Program, which ensures greater accountability of the Program authorities towards the affected persons. This mechanism is not intended to bypass the government's own legal process, but to provide a time-bound and transparent mechanism that is readily accessible to all segments of the affected people. All costs involved in resolving the complaints (meetings, consultations, communication and reporting/information dissemination) has borne by the Program.

Public awareness campaigns in the Pourashava ensures the awareness on grievance redress procedures. The Program implementation unit (PIU) under the guidance of Chief Executive officer/ Secretary/ Sociologist of the Pourashava acts as a focal person at Pourashava. He used to run the awareness campaigns to ensure that the poor and vulnerable households are aware of grievance redress procedures.

The Program Affected Persons (PAPs) have the right of conveying grievances/suggestions by dropping the grievance redress/suggestion forms in the complaints/suggestion boxes, set in the Pourashava or to lodge complaints in writing in the Complaint Book of the 1st Level Grievance Redress Committee at Pourashava. On Line Complaints are also acceptable to GRCs. But in that case complainant/s have submit the complaint in written within two days. If the complainant wants the privacy will be strictly maintained.

Contact numbers for any grievance are displayed in the board placed at the starting point and other places of the scheme. Moreover, grievance boxes at required places are being ensured at the worksite. To maintain records in an easy way formats of GRC Register and guidelines for operating GRC will be prepared. Both the format and guidelines will be prepared in Bengali so that the GRC procedure become more easier to the operators of GRCs. A complaint Register will also be available at the Site office of the contractor. The Contractor will receive the complaint with acknowledgement and forward the complaint to the 1st Level Grievance Redress Committee at Pourashava within one day after receiving the complaint. Formats of Registers will be provided to the GRCs and contractors.

a) **1st Level Grievance.** The phone number of the PIU office was available at the construction site signboards. The contractors and PIU safeguard focal person immediately resolved on-site in consultation with each other and it was solved within 7 days of receipt of a complaint/grievance.

b) **2nd Level Grievance.** All grievances that cannot be redressed within 7 days at field/ward level was reviewed by the grievance redress cell (GRC) headed by Panel Mayor of the Pourashava with support from PIU designated safeguard focal person and MDSC regional environment and resettlement specialists. GRC attempted to resolve it within 15 days. The PIU designated safeguard focal person was responsible to see it through the process of redressal of each grievance.

c) **3rd Level Grievance.** The PIU designated safeguard focal person referred any unresolved or major issues to the PIU safeguard officer and MDSC national environmental and resettlement specialists. The PIU in consultation with these officers/specialists resolved it within 30 days.

Till the reporting period no grievance was informed & noted at the site. An orientation on GRC procedure and recording process to the GRC registers is to be given to the GRC Member Secretary and all contractors/ their representatives. During visiting the Pourashava the Resettlement Specialist/Environmental Specialists or Jr. Resettlement Specialists / Jr. Environment Specialist will review GRC registers. The GRCs will prepare Quarterly Report on GRC activities following the formats provided to them and will send the reports to PMU. The GRM Diagram is as per Annex 10.

Grievance Redress Committee (GRC)

Table 8: First level GRC

Serial Number	Included persons in 1 st . Level Grievance Redress Committee (GRC)	Position in the GRC
1.	Chief Executive Officer or Paura Nirbahi Officer	Convenor
2.	Executive Engineer, Pourashava/ Safeguard and Gender Focal person	Member
3.	Administrative Officer, Pourashava	Member Secretary
4.	Municipal Ward Councilor (designated)/ WC member	Member
5.	Medical Officer/EHS Supervisor	Member
6.	Affected Person's Representative/ Community or NGO Representative of Program Area	Member

Table 9: Second level GRC

Serial Number	Included persons in 2nd. Level Grievance Redress Committee (GRC)	Position in the GRC
1.	Administrator	Convenor
2.	Chief Executive Officer/ Paura Nirbahi Officer	Member Secretary
3.	Executive Engineer of the Pourashava	Member
4.	Representative of the Administrator	Member
5.	Administrative officer of the Pourashava	Member
6.	One women member/ Reserve women seat councilor	Member
7.	Representative of Affected Person/ TLCC member/ NGO member	Member

Table 10: PMU (third level) GRC

Serial Number	Included persons in PMU Level (3rd Level) Grievance Redress Committee (GRC)	Position in the GRC
1.	Program Director,	Convenor

2.	Administrator	Member Secretary
3.	Deputy Program Director (Safeguards)/ Program Manager	Member
4.	Deputy Program Manager (DPM)/ Senior Assistant Engineer	Member Secretary
5.	Assistant Director (Environment)/ National Environmental Consultant	Member
6.	Assistant Director (Social Safeguards)/ National Safeguard Consultant	Member
7.	Assistant Director (Gender) <i>supported by</i> Social, Environment and Gender Specialist/ National Gender Specialist, MDSC	Member

The GRCs are active as those are already formed during the project design stage. We do hereby confirm that no grievance has been recorded during this reporting period.

Receiving and resolving of complaints need specific knowledge on it. Easy access to GRCs and transparency of the GRCs make the GRCs fruitful. It is necessary to maintain records in the GRC registers. Operation of all the GRCs in a unique way will help to prepare reports on GRC activities. So, to prepare GRC registers an unique format and guidelines for operating GRCs are required. Language of the format of GRC Registers and Guidelines to operate the GRCs requires a language which will be easier for the user. So, the foarmat for GRC Registers and Guidelines to operate the GRCs will be prepared in Bengali and will be provided to the GRCs. The GRC members will be oriented on GRC process through online too.

9. Conclusion and Recommendations

Till date 143 sub-projects has sent to the Paurasava for tendering (IFT). More 10 sub-projects are in the pipeline to send to the Pourashava for IFT, which may be send by the end of October 2024.

IUGIP are also paying efforts to build the capacity of PIU and contractors for environmental issues. Six training programs has already been conducted till date. Preparations are on, to conduct another training program by this October 2024 in Cumilla. Strict discipline & supervision is observed at the construction site. Laborers are wearing PPE voluntarily. As such no accident and/or incident happened at the site in any Pourashava during the reporting period. However, there is still room to improve the health and safety aspects at construction site like strictly use of adequate and required items of PPE including increase of erecting of more safety signage at worksites. Contractors have been suggested to address this issue wherever applicable.

Environmental monitoring tests are being conducted at the site. Till this reporting period 103 tests have been performed. As a nomenclature one test result has been included in annex 10.

Total 91 public consultations have already been conducted, the public consultation process has the potential to go beyond the limitations of standard public opinion polls and to widen the scope of possible areas on which the public can be meaningfully questioned. This requires giving respondents key information and presenting them a wide range of arguments on the issue. Total 85 IEEs have so far been published in LGED website.

As per the criteria set for activities, no activities of red category as per ECR, 2023 and category A as per ADB SPS 2009 can be included under program. IUGIP is strictly following this by screening

with developed checklists. Furthermore, IEEs along with EMPs are being prepared for the required subprojects and such EMPs have been included with the contract documents to make sure that all the EMP requirements are being addressed by the contractor. To monitor the implementation of EMP monitoring, EMP checklists are being used and monitoring found that EMPs are being implemented throughout the different subproject those are ongoing.

Public consultations have been continued at the program interventions areas on an ongoing basis. GRM for the program is functional but no grievance was found during the reporting period.

Like this reporting period, IUGIP is recommended to carry out efforts on implementation of EMP, environmental safeguards requirements as per loan agreement, capacity building etc. Program has made some progress on PAP action items and it's recommended to address remaining action items of the PAP.

This program has been complied with the environmental requirements of national legislations and ADB SPS 2009 and requirements of loan agreement.

10. Program Related Photographs



Workers are busy in a Road work in Brahmanbaria Pourashava area wearing PPE



Project Signboard erected at the starting point of a Road work in Brahmanbaria Pourashava area.



Female laborers are found working in a Road work in Brahmanbaria Pourashava area wearing PPE.



In a Public Consultation meeting “Environmental Safeguard” was explaining in Brahmanbaria Pourashava area



“First Aid Box” at a Road work site in Brahmanbaria Pourashava area



Training Program arranged at Dhaka



Training Program arranged at Faridpur

Annexures

Annex 1: Name of 88 (including O&M) numbers of Pourashavas

Sl. No	Division	District	Pourashava
1	2	3	4
Already Approved (Main37)			
1.	Dhaka	Gazipur	Kaliganj
2.	Dhaka	Faridpur	Boalmari
3.	Dhaka	Faridpur	Bhanga
4.	Dhaka	Shariatpur	Naria
5.	Dhaka	Rajbari	Goalandha
6.	Dhaka	Kishoreganj	Hossainpur
7.	Dhaka	Madaripur	Kalkini
8.	Dhaka	Munshigonj	Munshigonj Sadar
9.	Dhaka	Narsingdi	Monohardi
10.	Dhaka	Narayanganj	Araihaazar
11.	Dhaka	Tangail	Madhupur

Sl. No	Division	District	Pourashava
1	2	3	4
12.	Chattogram	Chattogram	Bhanskhali
13.	Chattogram	Chattogram	Chandanaish
14.	Chattogram	Chattogram	Sandwip
15.	Chattogram	Chattogram	Raozan
16.	Chattogram	Chandpur	Faridganj
17.	Chattogram	Chandpur	Haziganj
18.	Chattogram	Chandpur	Matlab
19.	Chattogram	Noakhali	Begomgonj
20.	Chattogram	Feni	Sonagazi
21.	Chattogram	Lakshmipur	Raipur
22.	Chattogram	Brahmanbaria	Brahmanbaria
23.	Rajshahi	Rajshahi	Baghmara
24.	Rajshahi	Rajshahi	Charghat
25.	Rajshahi	Rajshahi	Paba
26.	Rajshahi	Chapai Nawabgonj	Gomastapur
27.	Rajshahi	Pabna	Santhia
28.	Khulna	Chuadanga	Alamdanga
29.	Khulna	Kustia	Bheramara
30.	Khulna	Kustia	Kumarkhali
31.	Khulna	Jashore	Monirampur
32.	Khulna	Meherpur	Gangni
33.	Sylhet	Moulavibazar	Kulaura
34.	Sylhet	Habiganj	Chunarughat
35.	Mymensingh	Netrakona	Madan
36.	Rangpur	Kurigram	Ulipur

37.	Rangpur	Lalmonirhat	Patgram
38.	Chattogram	Bandarban	Bandarban Sadar
39.	Chattogram	Chattogram	Fatikchari
40.	Chattogram	Khagrachhari	Khagrachhari Sadar
41.	Chattogram	Lakshmipur	Ramgati
42.	Dhaka	Manikganj	Manikganj
43.	Mymensingh	Sherepur	Nokla
44.	Rajshahi	Rajshahi	Mohanpur
45.	Rajshahi	Naogaon	Patnitola
46.	Rajshahi	Chapai Nawabgonj	Shibganj
47.	Rangpur	Gaibandha	Sundarganj
48.	Chattogram	Rangamati	Rangamati Sadar
49.	Dhaka	Gopalganj	Tungipara
50.	Chattogram	Feni	Daganbhuiyan
51.	Chattogram	Lakshmipur	Ramganj
52.	Dhaka	Munshiganj	Mirkadim
53.	Rajshahi	Bogra	Sariakandi
54.	Mymensingh	Mymensingh	Gaforgaon
55.	Dhaka	Gazipur	Kaliakair
56.	Sylhet	Moulvibazar	Moulvibazar Sadar
57.	Dhaka	Kishoreganj	Pakundia
58.	Dhaka	Kishoreganj	Bhairab
59.	Sylhet	Sunamganj	Chattak

Sl. No	Division	District	Pourashava
1	2	3	
60.	Khulna	Jhenaidah	Mahespur
61.	Chattogram	Noakhali	Companiganj
62.	Rajshahi	Rajshahi	Bagha
63.	Khulna	Jashore	Keshabpur
Operation and Maintenance (O &M) 25			
64.	Dhaka	Gopalganj	Gopalganj
65.	Dhaka	Kishoreganj	Kishoreganj
66.	Dhaka	Rajbari	Rajbari
67.	Chattogram	Brahmanbaria	Nabinagar
68.	Chattogram	Laksam	Laksam
69.	Chattogram	Lakshmipur	Lakshmipur
70.	Khulna	Meherpur	Meherpur
71.	Khulna	Chuadanga	Chuadanga
72.	Khulna	Jashore	Sharsha
73.	Khulna	Jashore	Jashore
74.	Khulna	Magura	Magura
75.	Mymensingh	Mymensingh	Muktagacha
76.	Mymensingh	Netrakona	Netrakona
77.	Mymensingh	Sherpur	Sherpur
78.	Rajshahi	Chapai Nawabgonj	Chapai Nawabgonj
79.	Rajshahi	Joypurhat	Joypurhat
80.	Rajshahi	Naogaon	Naogaon
81.	Rajshahi	Pabna	Bera
82.	Rajshahi	Pabna	Ishwardi
83.	Rajshahi	Sirajganj	Shahjadpur
84.	Rangpur	Lalmonirhat	Lalmonirhat
85.	Rangpur	Nilphamari	Nilphamari
86.	Rangpur	Panchagarh	Panchagarh
87.	Barishal	Barguna	Barguna
88.	Barishal	Pirojpur	Pirojpur

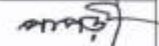
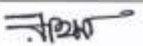
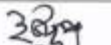
Annex 2: Public Consultation Attendance Sheets

Local Government Engineering Department
Improving Urban Governance and Infrastructure Program (IUGIP)
Public Consultation for Social and Environmental Safeguard issues

Name of Pourashava: Ramgarj Date: 26.09.24

Location: Bangram, primary school. Ward No: 02

List of Participants

SL	Name of Participant	Gender	Occupation	Mobile Number	Signature
01	মঃ মোশা(০৭/২৭৩৩)	M	Teacher	০২৭২৮৬০০০০	
02	পাপড়ী বানী পাল	F	Teacher	০১৭৬২২৭৭৫৫২	
03	আফাতি বানারায়	F	Teacher	০১৭৩২০৩৯৮৬১	
04	রহিমা আক্তার	F	Teacher	০১৭৫৮১৮৬২৮	
05	মঃ. ইঞ্জি. জমী-	M	Teacher	০১৭২৭১৭০৭৬১	
06	ডাঃ. কামাল হোসেন	M	Teacher	০১৭৫৩৭৫২৫০৮	
07	মোঃ মনির হাফিজ	M	student	০১৭৭৮৬৪২৩৫৭	
08	ডাঃ. মাহিন হোসেন	ABM	student	০১২০৪৭৫২৫২০	
09	মোঃ মেহেদী হাসান	M	Agri.	০১৭৭০৬৫৭৮১১	
10	জাবেদ	M		০১৭৭৫৩৭৭৬০২	
11	আব্দুল্লাহ	M	s/student	০১৫৮৭৮৮৬৭২৪২	
12	মাহমুদ হামিদ	M	Farman	-	
13	আল. আমিন	M	student	০১৬০২৭৫২৬৪৮	
14	মাহমুদ জুইল	M		০১৭১৫৪৬৮৫৭	
15	সাকিন	M		০১৭৫৪২৭৬০৫২	

Local Government Engineering Department
Improving Urban Governance and Infrastructure Program (IUGIP)
Public Consultation for Social and Environmental Safeguard issues

Name of Pourashava: *Banskhali*

Date: *24.09.24*

Location: *Banspara girza*

Ward No: *02*

List of Participants

SL	Name of Participant	Gender	Occupation	Mobile Number	Signature
01	জিৎমোহন বড়ুয়া	পু.	শ্রমিক	০১৮৫৮৫২৬২১৬	<i>[Signature]</i>
02	এনু বড়ুয়া (বুড়)	পু.	চাকরিবিহীন	০১৮০৪২৭৭৬০০	<i>[Signature]</i>
03	কাবির বিন এফমানি বড়ুয়া	পু.	শ্রমিক	০১৮১৩৩২৭৮৫৬	<i>[Signature]</i>
04	মোহাম্মদ আব্দুল মাদ্দ	পু.	শ্রমিক	০১৮৩৬-৫৭২২৪৬	<i>[Signature]</i>
05	সুবর্ণ দত্ত	ম.	শ্রমিক	০১৮৩৩৪৪২৬১০	<i>[Signature]</i>
06	জিহা রানী বড়ুয়া	ম.	শ্রমিক	০১৮১৫৫১৩৫১৬	<i>[Signature]</i>
07	ধন রানী বড়ুয়া	মহিলা	শ্রমিক	০১৮১১১৩০৬৭০	<i>[Signature]</i>
08	জিহান বড়ুয়া	পু.	চাকরি	০১৮১৩৪২১৩২৫২	<i>[Signature]</i>
09	জিহান	পু.	"	—	
10	এনু বড়ুয়া	পু.	"	০১৬৭৭৫৬৭৫	<i>[Signature]</i>
11	জি. আনিস বড়ুয়া	পু.	"	০১৭৭৭৭০৩১৬২	<i>[Signature]</i>
12	সানি বড়ুয়া	পু.	"	০১৭৩০৬৭০৭৩৬৭	<i>[Signature]</i>
13	বিদুল বড়ুয়া	পু.	"	০১৮৫৬২৬৬৭৭৭	<i>[Signature]</i>
14	সানি বড়ুয়া	মহিলা	H, wife	—	<i>[Signature]</i>
15	সানি বড়ুয়া	মহিলা	Bus.	—	<i>[Signature]</i>

Local Government Engineering Department
Improving Urban Governance and Infrastructure Program (IUGIP)
Public Consultation for Social and Environmental Safeguard issues

Name of Pourashava: *Bang/Khali*

Date: *24.09.24*

Location: *Badua Para*

Ward No: *02*

List of Participants

Sl	Name of Participant	Gender	Occupation	Mobile Number	Signature
০৬	রাজি বড়ুয়া	মহিলা	পা	—	রাজি
০৭	সুনামি বড়ুয়া	মহিলা	F	০৬০০৪৬ ৩৭৭৫	সুনামি বড়ুয়া
০৮	অমল বড়ুয়া	মহিলা	"	—	অমল
০৯	ললিতা বড়ুয়া	মহিলা	"	—	ললিতা
১০	মির্জা বড়ুয়া	"	"	০১৮১৬৬৬২৭৫	মির্জা
১১	জাহান্না বড়ুয়া	মহিলা	"	—	জাহান্না
১২	সুপারী বড়ুয়া	মহিলা	"	—	সুপারী
১৩	টপন বড়ুয়া	পুরুষ	"	০১৮৬২২৭০১০০	টপন
১৪	নকুল বড়ুয়া	মহিলা	"	—	নকুল
১৫	আনন্ড বড়ুয়া	পুরুষ	"	০১৮৭৭৫৮৬৪৫	আনন্ড
11					
12					
13					
14					
15					

Annex 3: Environmental and Social Management Plan Checklist

(Environmental and Social Management Plan Checklist)

SI #	Component	Potential Impacts Identified	Suggested Management Plan/ Mitigation Measures	Timeline	Responsibility
01	Land and Soil Environment	Soil contamination from improper handling and spillage of hazardous waste or chemicals.	Dustbins of good and long-lasting quality should be installed at different places to collect organic, plastic, glass and other garbage separately. All workers shall be instructed to put garbage in designated bins as per segregation. No open burning of waste shall be carried out at the site. Storage of waste lube drums shall have restricted access. The lube storage area needs to be provided with secondary containment and trap to control contamination of runoffs.	To be undertaken all through the project life. Monthly inspection must be carried out to see its implementation.	Pourashava Engineer & the Environmental Specialist
02	Water Resource and Quality	Extraction of Groundwater Inappropriate disposal of the municipal waste water. Contamination of Storm water at oil handling area.	Adequate toilet facility. Stop improper waste water disposal. Surface runoff from oil handling areas/devices shall be treated for oil separation before being discharged. Storm water drains must be cleaned every year before monsoon.	To be undertaken all through the project life.	Pourashava Engineer & the Environmental Specialist
03	Air	NOx Emissions from use of Natural gas	Regular maintenance of engines to ensure good thermal efficiency. Regularly spraying of water to avoid generation of fugitive dust, especially during summer.	To be undertaken all through the project life.	Pourashava Engineer & the Environmental Specialist
04	Ambient Noise Quality	Noise due to operational machinery. Movement of vehicles	Workers shall be provided with ear plugs/ ear muffs to limit exposure to occupational hazards.	To be undertaken all through the project life.	Pourashava Engineer & the Environmental Specialist
05	Ecology	Modification of habitat & development of greenbelt	Nourishment of flora & augmentation of tree plantation.	Build green Cover	Pourashava Engineer & the Environmental Specialist
06	Socio-Economics	Creates employment and business opportunity around the project area.	Aware the community on the development works.	To be undertaken all through the project life.	Pourashava Engineer
07	Occupational Health and Safety	Hazards like high noise, fire, electric shocks etc	Safety belt and safety nets to be used while working at height & the	To be undertaken all through the project life	Pourashava Engineer & the

SI #	Component	Potential Impacts Identified	Suggested Management Plan/ Mitigation Measures	Timeline	Responsibility
			working hours be during the daytime when sufficient sunlight is available		Environmental Specialist

Annex 4: Environment Monitoring Plan

SI #	Component	Monitoring Parameters	Frequency	Location	Reference Standards
01	Ambient Air	PM2.5 and PM10, SOx, NOx, CO	Before, during & soon after the completion of work	Project Site	National Air quality Standards of Bangladesh (2005)
02	Surface Water Quality (pond/water body)	pH, DO, Phosphate, Sulphate, EC, TDS, TSS, COD and BOD	Before, during & soon after the completion of work	Construction site	Schedule 12 of the ECR 1997
03	Ground water quality	pH, ORP, DO, Phosphate, Sulphate, Fe, EC, CA, TDS, CoD, BOD and Manganese	Before, during & soon after the completion of work	Construction site	Bangladesh Standards for Drinking Water (ECR'97)
04	Noise Level Measurement	Day and Night time Leq levels (LAeq)	Before, during & soon after the completion of work	Construction site	Noise Pollution (Control) Rules, 2006
05	Soil Quality Test	Organic matter, Zn, Sulfur, Lead & Nitrate.	Before, during & soon after the completion of work	Construction site	--

Annex 5: DOE's letter on ECC exemption

(Environmental Clearance from the Department of Environment, GoB)

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পরিবেশ অধিদপ্তর
পরিবেশ ভবন, ই/১৬ আগারগাঁও
শেরে বাংলা নগর, ঢাকা-১২০৭।
www.doe.gov.bd

স্মারক নং-২২.০২.০০০০.০১৮.৭২.০২৯.২৩.৩৭৭

তারিখ: ২২/০৬/২০২৩ বঙ্গাব্দ
২৫/০৬/২০২৩ খ্রিস্টাব্দ

বিষয়: Improving Urban Governance and Infrastructure Program (IUGIP) শীর্ষক কর্মসূচীর অনুকূলে পরিবেশগত ছাড়পত্র প্রদান প্রসঙ্গে।

সূত্র: আপনার ০৬/০৬/২০২৩ ইং তারিখের আবেদন।

উপর্যুক্ত বিষয় ও সূত্রের পরিপ্রেক্ষিতে নির্দেশক্রমে জানানো যাচ্ছে যে, পরিবেশ অধিদপ্তর, সদর দপ্তরের পরিবেশগত ছাড়পত্র বিষয়ক কমিটির ৪৯৯ তম সভায় Improving Urban Governance and Infrastructure Program (IUGIP) এর অনুকূলে দাখিলকৃত আইইই প্রতিবেদন ও অন্যান্য কাগজপত্র সভায় পর্যালোচনা করা হয়। পর্যালোচনায়, আলোচ্য কর্মসূচীর অন্তর্গত প্রকল্পসমূহ পরিবেশ সংরক্ষণ বিধিমালা, ২০২৩-এর তফসিল-১-এ উল্লিখিত প্রকল্পসমূহের চেয়ে খুব ইওয়ান্না বিধি মোতাবেক ছাড়পত্র প্রদানের অবকাশ নেই বর্মে সিদ্ধান্ত গৃহীত হয়।

(মাসুম ইকবাল মোঃ শাহীম)
পরিচালক (পরিবেশগত ছাড়পত্র)
ফোন: ০২-২২২২১৮৩৪২

প্রধান প্রকৌশলী
স্থানীয় সরকার প্রকৌশল অধিদপ্তর
আগারগাঁও, শেরে বাংলা নগর, ঢাকা।

অনুলিপি:
১। সহকারী পরিচালক, মহাপরিচালক মহোদয়ের শাখা, পরিবেশ অধিদপ্তর, সদর দপ্তর, ঢাকা।
২। প্রকল্প পরিচালক, UGHP-III, সেক্টর-১২, এলজিইডি ভবন, আগারগাঁও, শেরে বাংলা নগর, ঢাকা।

Transcript:

Subject: Regarding Providing Environmental Clearance for Improving Urban Governance and Infrastructure Program (IUGIP)

Reference: Application dated 06/06/2023

The Environmental Clearance Committee under Department of Environment, Government of Bangladesh, in it's 499th meeting discussed on the Initial Environmental Examination Reports (IEE) and other documents submitted by 'Improving Urban Governance and Infrastructure Program' (IUGIP) and decided on the environmental clearance requirement for the project. It is observed that the proposed project components are less significant than the projects enlisted under Environment Conservation Rules, Schedule 1 (A), 2023, hence, there is no requirement to provide environmental clearance.

Signed/Director

Annex 6: Checklist on mitigation & monitoring of Environmental Compliance

Improving Urban Governance & Infrastructure Program (IUGIP)

Checklist on mitigation & monitoring of Environmental Compliance:

Number & Description of Package.....

Sl #	Name of the test	Performed	Not Performed	Remarks
		Put tick mark	√	
1	Air quality monitoring			
2	Noise quality monitoring			
3	Ground-water quality test			
4	Surface & Waste Water Quality test			
5	Soil quality Test			
6	Community Health & safety sign present/found			
7	Contractor's awareness on EMP			
8	Tree Plantation			
9	PPE used at the site			
10	First Aid Box with First aid drugs present			
11	Separate Toilet for male & female labors			
12	Contact number of the nearby medical Centre displayed			
13	Latrine installed beyond the circle of influence of the tube well			
14	Preservation of isolation room			
15	Stackyard of construction material fenced			
16	Spraying of water to suppress dust			
17	Bituminous plant installed far from the locality			
18	No disparity is wage payment between male & female			
19	Enrollment of Indigenous people in labor team			

Pourashava Engineer

Annex 7: Environmental Management plan cost

No	EMP Task No	Mitigation and Monitoring	Purpose	Quantity	Unit	Unit rate	Total
1	EMP-1(a)	EMP Implementation Training will be required to undergo EMP implementation including waste management, Standard operating procedures (SOP) for construction works; health and safety (H&S), core labor laws, applicable environmental laws, etc	LS	1	1	20000	20000
2	EMP-1(b)	Air Quality Monitoring will be done at Road: R-02, R-14, R-76, R-79 and Drain: DR-524, DR-234 and D-41 location of proposed construction site 1st time at commencement of work, (before construction), 2nd time during construction period and 3rd time after completion of work: i) i) Air Quality test (PM ₁₀ , PM _{2.5} , SO _x , NO _x and CO at proposed construction site). Also, water spray at the construction site in everyday during the construction period.	LS	12	12	15000	180000
3	EMP-1(c)	Noise Level Monitoring will be done at Road-4 (R-02, R-14, R-76 and R-79) and Drain-3 (DR-524, DR-234 and D-41) location of proposed construction site 1st time at commencement of work, (before construction), 2nd time during construction period and 3rd time after completion of work: i) i) Noise Level Monitoring (LAeq-Day & Night).	LS	12	12	5000	60000
4	EMP-1(d)	Groundwater Quality Test will be done at Campsite of proposed construction activities 1st time at commencement of work, (before construction), 2nd time during construction period and 3rd time after completion of work: i) i) Groundwater Quality test (pH, Oxidation Reduction Potential (ORP), DO, Phosphate, Sulphate, Fe, EC, CA, TDS, TSS, COD, BOD and Manganese at proposed construction site).	LS	3	3	10000	30000
5	EMP-1(e)	Surface & Wastewater Quality Test will be done at drain outfall location of proposed drains and nearby ponds Drain-3 (DR-524, DR-234 and D-41) 1st time at commencement of work, (before construction), 2nd time during construction period and 3rd time after completion of work: i) i) Surface Water Quality test (pH, DO, Phosphate, Sulphate, EC, TDS, TSS, COD, and BOD at proposed construction site).	LS	9	9	10000	90000

No	EMP Task No	Mitigation and Monitoring	Purpose	Quantity	Unit	Unit rate	Total
6	EMP-1(f)	Soil Quality Test will be done at Road-4 (R-02, R-14, R-76 and R-79) location of proposed construction site 1st time at commencement of work, (before construction), 2nd time during construction period and 3rd time after completion of work: i) i) Soil Quality test (Organic Matter, Zn, Sulphur, Lead and Nitrate at proposed construction site).	LS	9	9	14000	135000
7	EMP-1(h)	Community Health & Safety Sign, Marking, Traffic Signal, etc will be provided at all construction site.	LS	1	1	20000	20000
8	EMP-1(i)	a) Labor camp with workers Health & Safety facilities viz adequate potable water & sanitation facilities (Separate toilet for male and female), first aid box at labour camp with necessary drugs to the entire satisfaction of the E-in- C. b) Supply of potable water, adequate sanitation facilities at work site, first aid box at construction site office with necessary drugs. c) Display the phone number of nearby health centre at construction site office. d) Collection of waste (including kitchen waste) in separate bin (bio-degradable & non-bio degradable) from labour shed and to dump it in a safe Pourashava waste disposal dumping station. e) Supply of Personal Protective Equipment (PPE) to protect from physical, mechanical, or other workplace hazards. viz helmet (hard hat), hand gloves, safety shoes, safety glass, face mask etc, for workers. e) Proper storage of construction materials in a safe place and covering it with tarpaulins. Construction site should be properly fenced and cement should be stored on a dunnage in a dry place to avoid cake formation & quality deterioration to the entire satisfaction of the E-in- C.	LS	1	1	100000	100000

No	EMP Task No	Mitigation and Monitoring	Purpose	Quantity	Unit	Unit rate	Total
		f) Proper maintenance of drainage system both at labour camp and work yard during monsoon/rains to avoid water logging.					
9	EMP-1(j)	Post Construction Clean-up: Remove all spoils wreckage, rubbish, or temporary structures (such as buildings, shelters, and latrines) which are no longer required	LS	1	1	20000	20000
10	EMP-1(k)	Submission of EMP implementation report Submission of final environmental monitoring reports including pictures	LS	1	1	10000	10000
11	EMP-1(l)	Supplying Specified good quality Tree Plant like Neem , Christmas tree, Rangan, Patabahar, Morancha, Chirohorin, Mehagani, Jack fruit , Mango, litchi, or any other equivalent plant approved by Engineer in Charge, (Minimum Height of Plant=1.50 m) with excavation of earth up to 300 mm depth filling up the bed by a mixture of cow dung, loamy silty soil, cutted earth @ 0.0283 cum cow dung manure per 0.17 cum of cutted earth and 20% loamy silty soil including supply of tools and plant, Bamboo stick, Bamboo fencing, (Minimum height 1.50 m, 400 mm dia) for protection from animals, watering and taking care for one year etc. all complete as per direction of the E-I-C	LS	40	40	550	22000
						Sum	687000

Annex 8: Partial list of the Participants attended the "Training Program"

Annexure - B

Improving Urban Governance & Infrastructure Project (IUGIP) Local Government Engineering Department

Participant's attendance Sheet

Training Course on: Gender, Environmental & Social Safeguard, Construct Management, Climate Change & Quality Control of Infrastructure for Contractor's & Pourashava Engineer's
Venue: Regional Training Center (RTC), Faridpur Date: 19-05-2024

Sl. No	Name of Participant	Designation	Pourashava	Male	Female	Mobile Number	Signature	Remark
1	Md. Golam Mostafa	ME	Boalmari	✓		01742600409	[Signature]	
2	Md. Maksud Ghossein	AE	"	-		01625198929	[Signature]	
3	Md. Rezaul Rahman	XEN	Bhanga	✓		01712-260405	[Signature]	
4	Zahidul Azam	ME	Bhanga	✓		01716-356455	[Signature]	
5	Kamrul Islam Tapu	AE (IUGIP)	Bhanga	✓		01614110052	[Signature]	
6	TABAL MAHMUD	Site Engr (ex)	Bhanga	✓		01871677839	[Signature]	
7	Shantul Islam	Site Engr (con)	Bhanga	✓		01869125735	[Signature]	
8	Khandker Firoz	A/E	Naria	✓		01715138998	[Signature]	
9	Md Za Waris	AE (IUGIP)	Naria	✓		01770-262268	[Signature]	
10	Md. Oliullah	ME	Naria	✓		01732-12809	[Signature]	
11	Molled Md Shajivul Islam	XEN	Boalmari	✓		01760247575	[Signature]	
12	Abdur Rahman	contractor	Kalkine	✓		01741169843	[Signature]	
13	Bhabotosh Datta	contractor	Kalkine	✓		01733109226	[Signature]	

Improving Urban Government Infrastructure Project (IUGIP)
Training on Gender, Environmental & Social Safeguard, Contract Management, Climate Changes and Quality
Control of Infrastructure for Contractor's & Pourashava Engineer's
কোর্সে অংশগ্রহণকারী প্রশিক্ষণার্থীদের হাজিরাঃ

প্রশিক্ষণার্থীঃ XEN/AE/SAE (PIU), ME (IUGIP), AE (IUGIP) & Contractors

প্রশিক্ষণের স্থানঃ কামরুল ইসলাম সিদ্দিক হল, এলজিইডি, বগড়া বকল, বগড়া।

তারিখঃ ১৫/০৫/২০২৪ ইং।

ক্রমিক নং	প্রশিক্ষণার্থীর নাম	পদবী ও বর্তমান	পৌরসভার নাম	মোবাইল নং	স্বাক্ষর
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Training Course on "Gender, Environmental & Social Safeguard, Contract Management, Climate-Change and Quality Control of Infrastructure" under IUGIP

Venue : Training Room,, Level-11, RDEC Bhaban, LGED HQ. Agargaon, Dhaka

Participants: XEN, AE, SAE of Pourashava, Municipal Engineer & Assistant Engineer of Project & Contractor's/Representative of
Chunarughat, Kulura, Moulvibazar & Hossainpur Pourashava (22 Nos.)

Duration: 01 Day (25 June, 2024)

Funded by : Improving Urban Governance and Infrastructure Program (IUGIP), LGED Batch-01

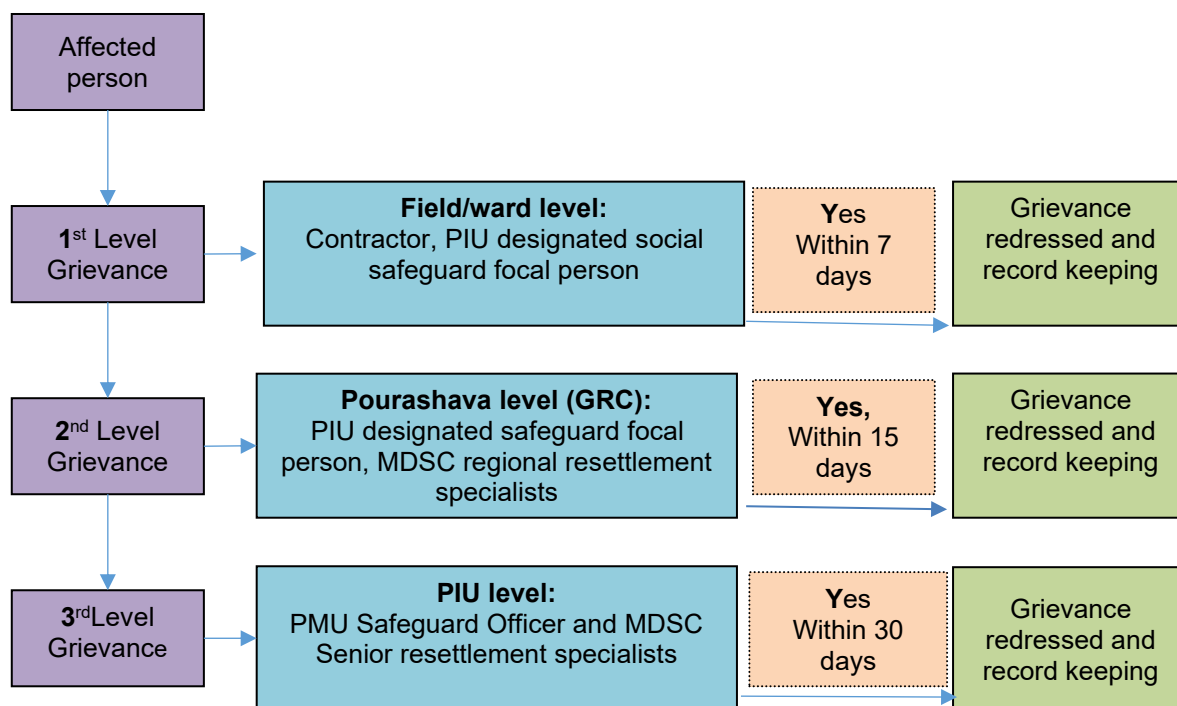
Course Director : Mohammed Salim Miah, Superintending Engineer (HR. Env. & Gender), LGED HQ. Dhaka

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Annex 9: GRM Diagram



Note: GRC = Grievance Redress Cell; PIU = Program Implementation Unit; MDSC = Management. Design and Supervision Consultants; PIU = Program Implementation Unit.

Annex 10: EMP Test Results

Contract Package No. IUGIP/HAZI/UR+DR/01/2023

Haziganj Pourashava, Chandpur District.

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ABBREVIATION

Name	Description
LGED	Local Government Engineering Department
GOB	Government of Bangladesh
ADB	Asian Development Bank
IUGIP	Improving Urban Governance & Infrastructure Project
EMP	Environmental Monitoring Plan
USEPA	United States Environmental Protection Agency
EC	Electrical conductivity
DO	Dissolved Oxygen
DoE	Department of Environment
ECR	Environmental Conservation Rules

1. Introduction

1.1 Background

In this project, under the Package No.: IUGIP/HAZI/UR+DR/01/2023; Construction/ Improvement of Roads 3,048m in 5 locations, RCC Drains 434m in 2 locations, RCC Box Culvert One (1) no. (Size: 4m X 4m, One Vent), RCC Cross Drain Three (3) nos. (Size: 1m X 1m), Protection Work 150m & installation of Street Light 107 nos. will be accomplished at Haziganj Municipality, Chandpur District.

Scope of the Work: In an Environmental Monitoring Plan (EMP), the scopes for each environmental quality test— air, noise, water, and soil—must be clearly defined to ensure comprehensive monitoring and effective management. Here's a detailed breakdown of the scopes for pre-construction phase of environmental quality test:

1. Air Quality Monitoring:

Sampling Location: One Sub-Project Location (Road-HP-R-003) Parameters to Monitor: PM10, PM2.5, SOx, NOx and CO

2. Noise Quality Monitoring

Sampling Location: One Sub-Project Location (Drain-HP-R-001) Parameters to Monitor: LAeq-Day & Night

3. Surface Water Quality Monitoring

Sampling Location: One Sub-Project Location (Drain-HP-D-020)

Parameters to Monitor: pH, Temperature, ORP, DO, Phosphate, Alkalinity, Sulfate, Fe, EC, TDS, TSS, Nitrate, COD, and BOD

4. Ground Water Quality Monitoring Sampling Location: One Sub-Project Location

Parameters to Monitor: pH, DO, Lead, Fe, EC, TDS, Nitrate, As, TC, FC, Cl, Ca, and Manganese

5. Soil Quality Monitoring

Sampling Location: One Sub-Project Location (Road-HP R-002) Parameters to Monitor: Organic Matter, Zn, Sulfur, Lead and Nitrate

6. Preparation of an Environmental Quality Test (air, Noise, water & soil) report

3. Methodology

3.1 Study Area

As per the package location all samples have collected from Haziganj sub-district, Chandpur district.

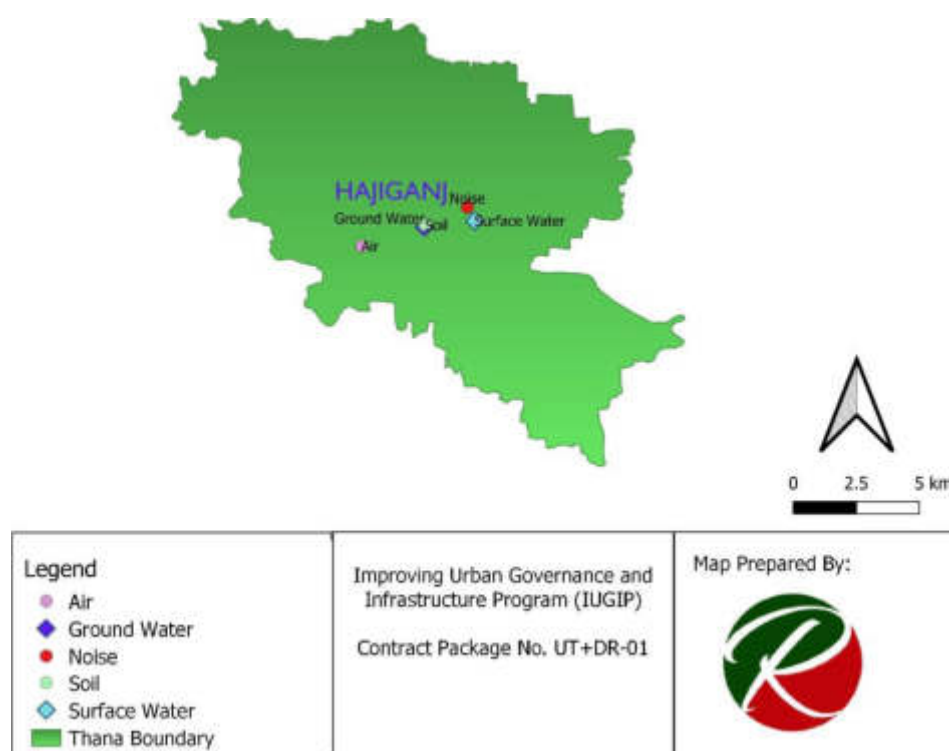


Figure 3.1: Location Map of Sample Collection

3.2 Air Quality

The air quality has been monitored at Tulatol Bazar, Haziganj Pourashava, Haziganj, Chandpur on 1st July, 2024. For ambient air quality monitoring, sensor based real time monitoring machine (Henan Oceanus AQM-9). AQM-09 air quality monitoring system used to detect the pollutant gases (SO₂, CO, NO₂, Particulate matter PM_{2.5} and PM₁₀, Noise, pressure, humidity and temperature etc.) as well as combined with industrial imported sensor technology and unique heating dehumidification compensation device to make sure data accuracy. Sampling and analysis of ambient air quality was conducted by referring to the recommendation of the United States Environmental Protection Agency (USEPA).



Figure 3.2: Ambient Air Quality Monitoring Equipment (OCENAUS: AQM-09)
The data was compared with the Bangladesh standard as per Air Pollution (Control) Rules, 2022. The particulate and gaseous samples collected during the monitoring have been analyzed as per the procedures/methods specified in Table 3-1. A conversion equation was used to convert the data from specific time period to expected time period in order to be able to compare results to the GoB standards.

Table 3.1: Methods for Analysis of Ambient Air Quality

Instrument Name	Parameters	Methods of Testing	Methods of Analysis
Oceanus AQM-9 (Air Quality Monitoring Station)	PM2.5 and PM10	Real-Time Monitoring	Particulates sensor light-scattering Nephotometer
	SO ₂ , CO, NO ₂		High sensitivity electro-chemical sensor

3.3 Noise Level

Noise level was measured at Amin Road for 1-hour duration both day and night time in the monitoring period on 1st July, 2024.

Digital Sound Level Meter AS-824, SMART SENSOR was used to monitor noise levels at both day time and night time to find out whether the noise level meet the national requirement. The following Table 3-2 mention the instrument character that was used for noise level monitoring and method of measurement. The device was recorded data throughout the monitoring period. After getting the raw data from the device, appropriate formula was applied to calculate Leq for monitored location. The 'Leq' method was used to provide noise level

report and the data was compared with the Bangladesh Standard, Noise Pollution (Control) Rules, 2006.



Figure 3.3: Noise Level Monitoring Equipment Table 3.2: Methods for Noise level Monitoring

Parameter	Name of Instrument	Methods of Measurement
Leq _{day} and Leq _{night}	Digital Sound Level Meter AS-824	Analysis of recorded data by formulating

The ISO 1996/1 (1987) defines Leq, in dBA, as described by below Equation.

$$Leq = 10 \times \log \left[\frac{1}{T} \times \sum_{i=1}^n t_i \times 10^{\frac{L_i}{10}} \right]$$

Where

n = the total numbers of samples taken; T = Total time in hours;

L_i = Sound level in dB;

t_i = fraction of total sample time

The Leq measure is usually used in the environmental noise analysis. The Equivalent Level Sound is the level of continuous noise that people can be exposed.

3.4 Surface Water Quality

On July 31, 2024, surface water sample was taken from the sub-project area's contiguous water body. Grab water sampler was used to gather surface water samples, which were then placed in a 1-liter sterile, clean PET bottle for all of the physico-chemical analyses. The sample was restored in an Ice-box bucket with 4-degree Celsius temperature. The parameters are pH, Temperature, Dissolved oxygen (DO), Phosphate, Alkalinity, Iron (Fe), Electrical conductivity.

(EC), Total dissolved solids (TDS), Total Suspended Solids (TSS), Nitrate, Chemical oxygen

demand (COD), Biochemical oxygen demand (BOD), Sulphate. Following collection, some samples were sent to Department of Public Health Engineering Central Lab (DPHE) which are pH, Temperature, Dissolved oxygen (DO) Phosphate, Alkalinity, Iron (Fe), Electrical conductivity (EC), Total dissolved solids (TDS), Total Suspended Solids (TSS), Nitrate, Chemical oxygen demand (COD). Sulphate and rest parameters Oxidation-reduction potential (ORP) and Biochemical oxygen demand (BOD) were submitted to the Bangladesh Environmental Engineering Training and Lab Services Ltd. (BEETLSL). Surface water results have been compared with inland surface water national standard according to ECR, 2023.

Table 3.3: Methods of Surface Water Quality Analysis

Parameter	Methods/Instrument to be used for Analysis
pH	pH Meter
Temperature	Mercury-filled Celsius thermometer
Oxidation-reduction potential (ORP)	ORP Sensors
Dissolved oxygen (DO)	Multimeter
Phosphate	UV-Visible Spectrophotometer (UV-VIS)
Alkalinity	pH Meter
Iron (Fe)	UV-Visible Spectrophotometer (UV-VIS)
Electrical conductivity (EC)	Multimeter
Total dissolved solids (TDS)	Multimeter
Total Suspended Solids (TSS)	Gravimetric
Nitrate	UV-Visible Spectrophotometer (UV-VIS)
Chemical oxygen demand (COD)	Closed Reflex Method
Biochemical oxygen demand (BOD)	5 days incubation
Sulphate	UV-Visible Spectrophotometer (UV-VIS)

3.5 Ground Water Quality

Ground water sample was collected within project corridor by following standard procedure on 31st July, 2024. Grab water sampler was used to gather ground water sample, which was then placed in a 1-liter sterile, clean PET bottle for all of the physico-chemical analyses. The sample was restored in an Ice-box bucket with 4-degree Celsius temperature. The parameters are Lead, Total Carbon (TC), Fecal coliform (FC), pH, Dissolved oxygen (DO), Alkalinity, Iron (Fe), Electrical conductivity (EC), Total dissolved solids (TDS), Nitrate, Arsenic (As), Chloride (Cl), Calcium (Ca), Manganese (Mg). After collecting the sample, pH, Dissolved oxygen (DO), Alkalinity, Iron (Fe), Electrical conductivity (EC), Total dissolved solids (TDS), Nitrate, Arsenic (As), Chloride (Cl), Calcium (Ca), Manganese (Mg) were forwarded to the Department of Public Health Engineering Central Lab (DPHE) and Bangladesh Environmental Engineering Training (DPHE) and Lead, Total Coliform (TC), Fecal Coliform (FC) were submitted to the Environmental Engineering Training and Lab Services Ltd. and Laboratory (BEETLSL) for analysis. Ground water results have been compared with inland ground water national standard according to ECR, 2023.

Table 3.4: Methods of Ground Water Quality Analysis

Parameter	Methods/Instrument to be used for Analysis
Lead	Atomic Absorption Spectroscopy (AAS)
Total Coliform (TC)	1 day incubation
Fecal Coliform (FC)	1 day incubation
pH	pH Meter
Dissolved oxygen (DO)	Multimeter
Alkalinity	pH Meter
Iron (Fe)	Atomic Absorption Spectroscopy (AAS)
Electrical conductivity (EC)	Multimeter
Total dissolved solids (TDS),	Multimeter
Nitrate	Atomic Absorption Spectroscopy (AAS)
Arsenic (As)	Atomic Absorption Spectroscopy (AAS)
Chloride (Cl)	Titration
Calcium (Ca)	Flame Photometer
Manganese (Mg)	Atomic Absorption Spectroscopy (AAS)

3.6 Soil Quality

Soil sample was collected from the project corridor on 31st July, 2024. A composite sampling technique was used to obtain the sample. First trawl was used to remove grass and other particles from the pointed surface and then auger has been drilled 6 inches below the surface using Auger driller. After lifting up the auger the samples were first placed in zipper-locking plastic bags before being moved to the appropriate plastic jars with labels. The parameters are Organic Matter, Zinc (Zn), Sulphur, Lead, Nitrate. The samples, were submitted for testing to the Environmental Engineering Training and Lab Services Ltd. (BEETLSL). The testing methods of different parameters of soil are given in the following Table.

Table 3.5: Methods of Soil Quality Analysis

Parameter	Methods/Instrument to be used for Analysis
Organic Matter	Wet Oxidation Method
Zinc (Zn)	Atomic Absorption Spectroscopy (AAS)
Sulphur	Atomic Absorption Spectroscopy (AAS)
Lead	Atomic Absorption Spectroscopy (AAS)
Nitrate	Micro Kjeldahl Method

4. Results and Discussion

4.1 Air Quality

Ambient air quality was monitored in one (01) location of the sub-project corridor. Ambient air quality data were measured to verify the current quality of air. The aim was to collect the air quality data in pre-construction phase and to compare the data with the air quality data during construction activities to check if there is any high air pollution level due to the construction activities and to design adequate mitigation measures, as applicable. Air quality monitoring location with their coordinates and monitoring photos can be found in Table 4-1 and Figure 4.1.

Table 4.1: Air Quality Monitoring Location

Sample ID	Date of Monitoring	Location	GPS Coordinates
AAQ-1	01.07.2024	Tulatol Haziganj Pouroshava, Haziganj	Bazar, 23.241874 N, 90.813705 E

Source: Field Survey, July 2024



Figure 4.1: Photo of Air Quality Monitoring Table 4.2: Results of Air Quality Monitoring

Sample Location	Ambient Air Pollutants' Concentration				
	PM 2.5 ($\mu\text{g}/\text{m}^3$)	PM 10 ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	CO (mg/m ³)
Tulatol Bazar, Haziganj Pouroshava, Haziganj	18.47	22.65	39.18	16.61	0.004
Bangladesh Standards as per Air Pollution (Control) Rules, 2022	65 (24 Hour)	150 (24 Hour)	80 (24 Hour)	80 (24 Hour)	5 (8 Hour)

*Standard: Air Pollution Control Rules 2022.

Total five parameters (PM_{2.5}, PM₁₀, NO_x, SO_x, CO) of ambient air quality have been analyzed

for the monitored location. The summary results of Air Quality monitoring are given in Table 4-2. Overall, the results show that the level of air pollutants in the monitoring location was found within the permissible limit. The details analysis is given in Annex 1 of the report.

4.2 Noise Level

Noise level monitoring was carried out in one (01) location of the project corridor. Noise level was monitored for 1-hour duration between both day (6 am – 9 pm) and night time (9 pm–6 am) with 1 min equivalent continuous sound pressure levels. Noise level has been compared with national standard (Noise Pollution Control Rules, 2006). Noise level monitoring location with their coordinates and monitoring photos can be found in Table 4-3 and Figure 4-2.

Table 4.3: Noise Level Monitoring Location

Sample ID	Date of Monitoring	Location	GPS Coordinates
NL-1	01.07.2024	Amin Road, Haziganj Pouroshava, Haziganj, chandpur	23.256951 N, 90.854683 E

Source: Field Survey, July 2024



Figure 4.2: Photo of Noise level Monitoring Table 4.4: Results of Noise level Monitoring

Sample Location	Conc. Present, dB(A) Leq						BD Standard dB(A)Category		
	Day Time			Night Time			Leq		Mixed Area
	Leq	LMax	Lmin	Leq	LMax	Lmin	Day Time	Night Time	
Amin Road, Haziganj Pauroshava	59.52	66	42.2	50.44	58.3	31.8	60	50	

*Standard: Noise Pollution Control Rules, 2006

The monitoring location belongs to Mixed zone. The analysis result indicates that the noise pollution level is not exceed the national standard in day time but just exceeded in night time. The source of noise level was due to heavy vehicles and ongoing construction activities. The

contractors must take strict noise abatement measures such as temporary noise barrier, proper mechanical hardware/equipment with noise fitting gears/mufflers, avoid noisy work during night time, earplugs provide to workers etc. The details analysis is given in Annex 2 of the report.

4.3 Surface Water Quality

One (01) surface water sample was collected from adjacent surface water body of the sub-project corridor. Surface Water sampling location with their coordinates and monitoring photos can be found in Table 4-5 and Figure 4-3.

Table 4.5: Surface water Sampling Location

Sample ID	Date of Sampling	GPS Coordinates
IUGIP/L-2/SW	31.07.2024	23°15'06.0"N 90°51'27.0"E

Source: Field Survey, July 2024



Figure 4.3: Photo of Surface Water Sampling Table 4.6: Results of Surface Water Quality

Sl. No.	Water quality parameters	Bangladesh Standard	Concentration on present	Unit	Analysis Method
1	Alkalinity	NYS	150	mg/L	Titrimetric
2	Chemical Oxygen Demand (COD)	4	20	mg/L	CRM
3	Dissolved Oxygen (DO)	6	5.1	mg/L	Multimeter
4	EC	NYS	460	mg/L	Multimeter
5	Iron (Fe)	0.3-1	0.07	mg/L	AAS
6	Nitrogen (Nitrate)	10	1.5	mg/L	UVS
7	PH	6.5-8.5	7.5	mg/L	pH Meter
8	Phosphate	6	0.7	mg/L	UVS
9	Sulphate	400	1	mg/L	UVS
10	Temperature	20-30	25.6	-	Thermometer

11	Total Dissolved Solid (TDS)	1000	230	mg/L	Multimeter
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Sl. No.	Water quality parameters	Bangladesh Standard	Concentration on present	Unit	Analysis Method
12	Total Suspended Solid (TSS)	10	3	mg/L	Gravimetric Method
13	Biological Oxygen Demand (BOD5)	30	18.8	mg/L	5 days Incubation
14	Oxidation-reduction potential (ORP)	NYS	77.2	mV	ORP sensor

*The Environment Conservation Rules (ECR) 2023, Schedule 3-A Standard for Inland Surface Water; NYS-Not Yet Standardized

Primary data Source: Water quality analysis done by DPHE & BEETLSL Laboratory, August 2024

Surface water is considered safe when it adheres to standard quality values. When these standards are alarmingly exceeded, it can lead to a significant increase in waterborne diseases. The water quality analysis reveals that most parameters are within acceptable limits, including pH, temperature, and concentrations of iron, nitrate, phosphate, sulphate, TDS, and TSS. However, Chemical Oxygen Demand (COD) exceed standards.

The elevated COD level suggests a higher concentration of organic pollutants. This can be caused by wastewater discharge, agricultural runoff, or other sources of organic matter. The high COD could potentially lead to further degradation of water quality and impacts on local ecosystems. High COD typically consumes more oxygen as it is broken down, leading to lower DO levels. Adequate dissolved oxygen is important for good water quality and necessary to all forms of life. Dissolved oxygen levels that drop below 5.0 mg/L cause stress to aquatic life. This result indicates safe water for various uses, such as drinking and household chores. Continuous monitoring and proactive measures are essential for sustaining these conditions and ensuring long-term water quality. The laboratory analysis result is found in Annex 3 of the report.

4.4 Ground Water Quality

One (01) Ground water sample was collected from adjacent project corridor. Ground Water sampling location with their coordinates and monitoring photos can be found in Table 4-7 and Figure 4-4.

Table 4.7: Ground water Sampling Location

Sample ID	Date of Sampling	GPS Coordinates
IUGIP/L-2/GW	31.07.2024	23°14'57"N 90°50'17"E

Source: Field Survey, July 2024



Figure 4.4: Photo of Ground Water Sampling Table 4.8: Results of Ground Water Quality

Sl. No.	Water quality parameters	Bangladesh Standard	Present Concentration	Unit	Analysis Method
1	Alkalinity	NYS	138	mg/L	Titrimetric
2	Arsenic (As)	0.05	0.001	mg/L	AAS
3	Calcium (Ca)	75	37	mg/L	AAS
4	Chloride	150-600	25	mg/L	Titrimetric
5	Dissolved Oxygen (DO)	6	6.2	mg/L	Multimeter
6	EC	NYS	312	mg/L	Multimeter
7	Iron (Fe)	0.3-1	0.46	mg/L	AAS
8	Manganese (Mn)	0.1	0.03	mg/L	AAS
9	Nitrogen (Nitrate)	10	1.6	mg/L	UVS
10	pH	6.5-8.5	7.5	-	pH Meter
11	Total Dissolved Solid (TDS)	1000	156	mg/L	Multimeter
12	Lead (Pb)	0.01	0.004	mg/L	Atomic Absorption Spectroscopy (AAS)
13	Total Coliform	0	4	CFU/100 ml	1 day incubation
14	Fecal Coliform	0	1	CFU/100 ml	1 day incubation

*The Environment Conservation Rules (ECR) 2023, Schedule 3-B Standard for Drinking Water, NYS-Not Yet Standardized

Primary data Source: Water quality analysis done by DPHE & BEETLSL Laboratory, August 2024

The water quality analysis results indicates that most of the parameters are within the acceptable limits, which are alkalinity, calcium, chloride, dissolved oxygen, iron, manganese, nitrate, pH, TDS, and lead. These values suggest that the water is generally safe for consumption regarding chemical and physical quality. However, the presence of total coliform and fecal coliform indicating potential microbiological contamination.

Total coliforms suggest the possible presence of pathogens, while fecal coliforms indicate contamination from fecal sources, which is a potential threat to human health. The presence of these bacteria suggests that the water may be unsafe for drinking without further treatment or disinfection. Addressing microbiological contamination is crucial to ensuring the water is safe for further use. Details laboratory analysis results are given in Annex 4 of the report.

4.5 Soil Quality

Soil sample was collected from One (01) location of the sub-project corridor by maintaining appropriate sampling procedure. The collected soil sample was tested from BEETLSL Laboratory. Soil sampling location with their coordinates and monitoring photos can be found in Table 4-9 and Figure 4-5.

Table 4.9: Soil Sampling Location

Sample ID	Date of Sampling	GPS Coordinates
SQ-02	31.07.2024	23°15'00.2"N 90°50'17.6"E

Source: Field Survey, July 2024



Figure 4.5: Photo of Soil Sampling Table 4.10: Results of Soil Quality Analysis

Test Parameter Name	Test Results	Limit of the Quantitation	National Ocean Disposal Guideline for Dredged Material, Australia 2002	EPA Guideline Requirement	Unit	Methods of Analysis
Organic matter	1.064	0.10%	-	-	%	Grain size
Sulphur	<0.001	0.00%	-	-	%	APHA 23RD EDN. 2017(4500 SO4 2-C)

Zinc	<0.20	0.25	410	120	mg/kg	USEPA 3052/3050BY ICPOES
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Test Parameter Name	Test Results	Limit of the Quantitation	National Ocean Disposal Guideline for Dredged Material, Australia 2002	EPA Guideline Requirements	Unit	Methods of Analysis
Lead	<0.20	0.25	220	5	mg/kg	USEPA 3052/3050BY IOES
Nitrate	<0.20	1	-	-	mg/kg	APHA 23RD EDN. 2017 (4500-NO3)

* National Ocean Disposal Guideline for Dredged Material, Australia 2002

Primary data Source: Soil quality analysis done by BEETLSL Laboratory, August 2024
There is no country regulation/standard for soil test. The test results for soil analysis indicate that zinc, lead, and nitrate levels are well within the limits set by the National Ocean Disposal Guideline for Dredged Material, Australia 2002. Zinc and lead concentrations are significantly lower than the guideline. Sulphur level is very low which presence no severe threats. However, organic matter is quite higher than the limit of quantitation but lacks proper guideline for comparison. Overall, the soil quality composition stands well with safety standards. Details laboratory analysis results are given in Annex 5 of the report.



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Sample Code #	06-08-24 BEETLSL-REDC-Soil- 02	Delivery Date:	18-08-24
Client Ref #	BEETLSL-2024-REDC/01-TEST-DHAKA	Sampling Date:	31-07-24
Sample Collected by:	Research Engineering and Development Consultant Ltd.		
Service Duration:	General: 5 or 7 working days; Emergency: 3 or 4 working days; Urgent: 2 or 3 working days;		
Name of Test:	Analysis of Soil Quality		
Sample Id:	Sample Location:		
SQ-02	23° 15'00.2" N 90° 50'17.6" E		

Test Report: Analysis of Soil Quality (SQ)

Sample ID	Test Parameter Name	Test Results	Limit of the Quantitation	National Ocean Disposal Guideline for Dredged Material, Australia 2002	EPA Guideline Requirements	Unit	Methods of Analysis
SQ-02	Organic matter	2.581	0.1%	-	-	%	Grain size
	Sulphur	<0.001	0.001%	-	-	%	APHA 23 RD EDN. 2017(4500 SO4 2-C)
	Zinc	<0.20	0.25	410	120.00	mg/kg	USEPA 3052/3050BY ICPOES
	Lead	<0.20	0.25	220	5.00	mg/kg	USEPA 3052/3050BY IOES
	Nitrate	<0.20	1	-	-	mg/kg	APHA 23 RD EDN. 2017 (4500-NO3)

Test Performed by

Mahadi Hasan
Executive (Lab)
BEETLSL



Report No: [AAJ210610029](#)

Test Supervised by

Mohsin Hossain
Manager
BEETLSL

Annex 11: REA & Monitoring Checklist

Banskhali
Chattogram

Quarterly Environmental Monitoring Report Template for PIU

(ত্রৈমাসিক পরিবেশ সংক্রান্ত পর্যবেক্ষণ প্রতিবেদন) :

IUGIIP

Name of Pourashava/PIU:

(পৌরসভার নাম) : বাঁশখালী পৌরসভা, চট্টগ্রাম

Reporting Period: e.g., January to March 2024

(প্রতিবেদনের সময়কাল) : জানুয়ারি থেকে মার্চ ২০২৪

Report prepared by:

(প্রতিবেদন প্রস্তুতকারী) :

Report submitted by:

(প্রতিবেদন দাখিলকারী) :

Report submitted to:

(প্রতিবেদন দাখিলের স্থান) :

Date of Submission:

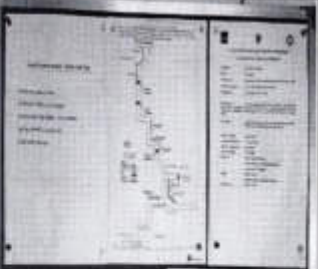
(প্রতিবেদন দাখিলের তারিখ) :

1. Status of activities and environmental documentation

(পরিবেশ সংক্রান্ত নথিপত্রের কার্যক্রমের অবস্থা)

SI ক্রমিক নং	Name of the package/ works contracted চুক্তিবদ্ধ প্যাকেজ / কাজের নাম	Date of commence ment of works কাজ শুরু তারিখ	Physical progress of works (in %) কাজের ভৌত অগ্রগতি (%)	REA checklist was filled and approved by PMU (Yes/No) REA চেকলিষ্ট পূরণ এবং PMU কর্তৃক অনুমোদিত কিনা, (হ্যাঁ/না)	RBL checklist was filled and approved by PMU (Yes/No) RBL চেকলিষ্ট পূরণ এবং PMU কর্তৃক অনুমোদিত কিনা, (হ্যাঁ/না)	IEE was prepared and approved by PMU (Yes/No) IEE প্রস্তুত এবং PMU কর্তৃক অনুমোদিত কিনা, (হ্যাঁ/না)	Remarks মন্তব্য
1	Construction of 3053 m Road in 1 Locations & Construction of RCC Drains 1251 m in 2 locations at Banskhali Pourashava under Chattogram District.	08/02/2024	19%				

2. Overall environment, health and safety (EHS) and occupational health and safety issues on the ground (পরিবেশ, স্বাস্থ্য, নিরাপত্তা সংক্রান্ত বিষয়ে মাঠ পর্যায়ের সার্বিক অবস্থা)

Monitoring/inspection questions তদারকী/পর্যবেক্ষণ প্রশ্নাবলী		FINDINGS পর্যবেক্ষণ			Remarks মন্তব্য
1.	Supervision and Management On-Site (মঠ পর্যায়ে তদারকী এবং পর্যবেক্ষণ)	Yes (হ্যাঁ)	No (না)	NA (প্রযোজ্য নহে)	
	a. Is an EHS supervisor available? (EHS তদারককারী আছেন কিনা?)	yes			
	b. Is a copy of the IEE/EMP available? (IEE/EMP এর অনুলিপি সংরক্ষিত আছে কিনা?)	yes			
	c. Are daily EHS toolbox talks conducted on site? (সাইটে EHS বিষয়ে আলোচনা হয় কিনা?)	yes			
2.	The Facilities (সুবিধা সমূহ)	Yes (হ্যাঁ)	No (না)	NA (প্রযোজ্য নহে)	
	a. Are there a medical and first aid kits on site? (সাইটে প্রাথমিক চিকিৎসা ব্যাগ আছে কিনা?)	yes			
	b. Are emergency contact details available on-site? (সাইটে জরুরী প্রয়োজনে যোগাযোগের নম্বর সমূহ আছে কিনা?)	yes			
	c. Are there PPEs available? (সাইটে PPE আছে কিনা?)	yes			

Monitoring/inspection questions তদারকী/পর্যবেক্ষণ প্রশ্নাবলী		FINDINGS পর্যবেক্ষণ			Remarks মন্তব্য
d.	Are the PPEs in good condition? (PPE ভালো ব্যবহার উপযোগী অবস্থায় আছে কিনা?)	yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
e.	Are there firefighting equipment on site? (সাইটে অগ্নি নির্বাপন যন্ত্রপাতি আছে কিনা?)	Yes			
f.	Are there separate sanitary facilities for male and female workers? (পুরুষ এবং মহিলাদের ক্ষেত্রে পৃথক সৌচাগারের ব্যবস্থা আছে কিনা?)	Yes			
g.	Is drinking water supply available for workers? (শ্রমিকদের জন্য সুপের পানির ব্যবস্থা আছে কিনা?)	Yes			
h.	Is there a rest area for workers? (শ্রমিকদের জন্য বিশ্রামাগার আছে কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)

Monitoring/Inspection questions তদারকী/পর্যবেক্ষণ প্রশ্নাবলী		FINDINGS পর্যবেক্ষণ			Remarks মন্তব্য
	i. Are storage areas for chemicals available and with protection? in safe locations? (রাসায়নিক দ্রব্যাদি শুদামজাত সহ নিরাপদ স্থানে রাখার ব্যবস্থা আছে কিনা?)	Yes (হ্যাঁ)			
3.	Occupational Health and Safety (পেশাগত স্বাস্থ্য এবং নিরাপত্তা)	Yes (হ্যাঁ)	No (না)	NA (প্রযোজ্য নহে)	
	a. Are the PPEs being used by workers? (কর্মিকেরা PPE পরিধান করে কিনা?)	Yes			
	b. Are excavation trenches provided with shores or protection from landslide? (খুদিকের এড়ানোর জন্য খননকৃত পরিধায় ঢাল রাখা হয় কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	c. Is breaktime for workers provided? (কর্মিকেরা কর্ম বিরতির সুযোগ পায় কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
4.	Community Safety (সম্প্রদায়ের নিরাপত্তা)	Yes (হ্যাঁ)	No (না)	NA (প্রযোজ্য নহে)	
	a) Are excavation areas provided with barricades around them? (খননকৃত স্থানের চারিদিকে নিরাপত্তা বেটুনি দেয়া হয় কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	b) Are safety signages posted around the sites? (চলমান কাজের স্থানে সড়ক নিরাপত্তা চিহ্ন আছে কিনা?)	Yes			

Monitoring/inspection questions তদারকী/পর্যবেক্ষণ প্রশ্নাবলী		FINDINGS পর্যবেক্ষণ			Remarks মন্তব্য
	c) Are temporary and safe walkways for pedestrians available near work sites? (পথচারীদের জন্য বিকল্প পথের নিরাপদ ব্যবস্থা আছে কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
5.	Solid Waste Management (কঠিন বর্জ্য ব্যবস্থাপনা)	Yes (হ্যাঁ)	No (না)	NA (প্রযোজ্য নহে)	
	a. Are excavated materials placed sufficiently away from water courses? (কর্তনকৃত মাটি জলাশয় থেকে যথেষ্ট দূরে রাখা হয় কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	b. Is solid waste segregation and management in place? (কঠিন বর্জ্য পৃথকীকরণ এবং ব্যবস্থাপনা চলমান আছে কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	c. Is there a regular collection of solid wastes from work sites? (কর্মক্ষেত্র থেকে কঠিন বর্জ্য নিয়মিত সংগ্রহ করা হয় কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
6.	Wastewater Management (কঠিন বর্জ্য ব্যবস্থাপনা)	Yes (হ্যাঁ)	No (না)	NA (প্রযোজ্য নহে)	
	a) Are there separate sanitary facilities for various types of use (septic tanks, urination, washing, etc.)? ব্যবহারের জন্য পৃথক পৃথক ব্যবস্থা সমস্ত সুবিধাদি আছে কিনা? (যেমন: কাপড় ধোয়া, মূত্রত্যাগ, সেনিটিক ট্যাঙ্ক ইত্যাদি)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	b) Is any wastewater discharged to storm drains? (জলীয় বর্জ্য প্রবাহমান নর্দমায়ে ফেলা হয় কিনা?)		No		Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	c) Is any wastewater being treated prior to discharge? (জলীয় বর্জ্য নিষ্কাশনের পূর্বে পরিশোধন করা হয় কিনা?)		No		Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	d) Are measures in place to avoid siltation of nearby drainage or receiving bodies of water? (জলাশয়ের পতিত হওয়ার পূর্বে পলিমাটি প্রতিরোধের কোন ব্যবস্থা আছে কিনা?)		No		Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	e) Are silt traps or sedimentation ponds installed for surface runoff regularly cleaned and freed of silts or sediments? (পলিমাটি আটকানের জন্য নির্মিত পুকুরে জমাকৃত পলিমাটি নিয়মিত পরিষ্কার করা হয় কিনা?)			NA	Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
7.	Dust Control	Yes	No	NA	

Monitoring/inspection questions তদারকী/পর্যবেক্ষণ প্রশ্নাবলী		FINDINGS পর্যবেক্ষণ			Remarks মন্তব্য
(মুসো নিয়ন্ত্রণ)		(হ্যাঁ)	(না)	(প্রযোজ্য নহে)	
a.	Is the construction site watered to minimize generation of dust? (কুয়ার উদগিরণ বন্ধে পানি ছিটান হয় কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
b.	Are roads within and around the construction sites sprayed with water on regular intervals? (নির্মাণ স্থলের আশেপাশের সড়কে নিয়মিত পানি ছিটানো হয় কিনা?)			NA	Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
c.	Is there a speed control for vehicles at construction sites? (নির্মাণ স্থলে গাড়ীর গতি নিয়ন্ত্রণে পতিরোধক নির্মিত আছে কিনা?)		No		Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
d.	Are stockpiles of sand, cement and other construction materials covered to avoid being airborne? (বালু সিমেন্ট সহ নির্মাণ সামগ্রী যাতে উড়ে না যায় সেজন্য ঢেকে রাখার ব্যবস্থা আছে কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
e.	Are construction vehicles carrying soils and other spoils covered? (মাটি এবং বর্জ্য বহন যানবাহন ঢেকে বহন করা হয় কিনা?)	Yes			
f.	Are generators provided with air pollution control devices? (জেনারেটরে বায়ু দূষণ নিয়ন্ত্রণ ব্যবস্থা আছে কিনা?)			NA	Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
g.	Are all vehicles regularly maintained to minimize emission of black smoke? Do they have valid permits? (যানবাহনগুলো নিয়মিত রক্ষণাবেক্ষণ করা হয় কিনা যাতে কালো ধোঁয়ার উদ্গীরণ সীমিত হয়? তাহাদের বৈধ অনুমোদন আছে কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
8.	Noise Control (শব্দ দূষণ নিয়ন্ত্রণ)	Yes (হ্যাঁ)	No (না)	NA (প্রযোজ্য নহে)	
a)	Is the work only taking place between 7 am and 7 pm, week days? (নির্মাণ কাজ সকাল ৭টা হতে সন্ধ্যা ৭টা পর্যন্ত হয় কিনা?)		No		Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)

Monitoring/inspection questions তদারকী/পর্যবেক্ষণ প্রশ্নাবলী		FINDINGS পর্যবেক্ষণ			Remarks মন্তব্য
	b) Do generators operate with doors closed or provided with sound barrier around them? (জেনারেটরগুলো রুদ্ধদ্বারে চলে? উহাদের চারিদিকে শব্দ প্রতিবন্ধকতা ব্যবহৃত হয় কিনা?)		No		Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	c) Is idle equipment turned off or throttled down? (অব্যবহৃত যন্ত্রপাতিগুলোর সুইচ বন্ধ করে রাখা হয় কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	d) Are there noise mitigation measures adopted at construction sites? (নির্মাণ স্থলে শব্দ নিয়ন্ত্রন ব্যবস্থা কার্যকর থাকে কিনা?)		No		Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	e) Are neighboring residents notified in advance of any noisy activities expected at construction sites? (নির্মাণস্থলে শব্দ উৎপাদিত হতে পারে, এই মর্মে আশেপাশের প্রতিবেশীদের সতর্ক করা হয় কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
9.	Traffic Management (যান সীতল ব্যবস্থাপনা)	Yes (হ্যাঁ)	No (না)	NA (প্রযোজ্য নহে)	
	a) Are traffic signages available around the construction sites and nearby roads? (নির্মাণস্থল অথবা এর আশেপাশের সড়কে ট্রাফিক চিহ্ন দেখিতে পাওয়া যায় কিনা?)		No		Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	b) Are the excavation sites along roads provided with barricades with reflectors? (সড়কের পাশে খননকৃত পরিধায় প্রতিফলন যোগ্য চিহ্ন সহ বেড়া দেয়া থাকে কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	c) Are the excavation sites provided with sufficient lighting at night? (খননকৃত স্থানে রাত্রে যথেষ্ট বাতি থাকে কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
10.	Recording System (রেকর্ড করা ব্যবস্থা)	Yes (হ্যাঁ)	No (না)	NA (প্রযোজ্য নহে)	
	a) Is accident register maintained? (দুর্ঘটনা নিবন্ধনের জন্য কোনও ব্যবস্থা আছে কিনা?)		No		Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	b) Is grievance register maintained? (অভিযোগ নিবন্ধনের জন্য কোন ব্যবস্থা আছে কিনা?)		No		Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	c) Are monitoring checklist accomplished by the contractor EHS being filled? (Monitoring checklist নিয়মিত পূরণ করা হয় কিনা?)	Yes			Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)
	d) Are laboratory results of environmental sampling conducted since the	Yes			



Monitoring/inspection questions তদারকী/পর্যবেক্ষণ প্রশ্নাবলী	FINDINGS পর্যবেক্ষণ	Remarks মন্তব্য
commencement of construction activities properly compiled? (পরিবেশ সংক্রান্ত পরীক্ষা গুলো, কাজের শুরু থেকে যথাযথ এবং নিয়মিত ভাবে করা হয় কিনা?)		
e) Are these records readily available at the site and to the inspection team? (পরিদর্শক দলের কাছে এই রেকর্ডগুলো চাহিবা মাত্র প্রদর্শন যোগ্য কিনা?)	Yes	Attach Photograph if required (প্রয়োজনে ছবি সংযুক্ত করুন)

3. Pollution control

দূষিতকরণ নিয়ন্ত্রণ

Type of Materials/Waste (Please include all type of wastes) বস্তু/বর্জ্যের ধরন (সকল প্রকার বর্জ্য অন্তর্ভুক্ত করুন)	Approximate quantity (in litre or kg) সম্ভাব্য পরিমাণ (লিটার অথবা কিলোগ্রামে)	Source or Destination (উৎপন্ন স্থান অথবা গন্তব্য)	Remarks/ ultimate disposal (মন্তব্য/ চূড়ান্ত নিষ্পত্তি)
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4. Information on accident

Type of accident/incident (দুর্ঘটনা/ঘটনার ধরন)	Number and Position of Person/s Involved/ including the community people if applicable সম্প্রদায়ের লোকজন সহ (যদি সম্পৃক্ত থাকে) সম্পৃক্ত লোকজনের সংখ্যা এবং অবস্থা	Location/s and Date/s of Incident ঘটনা সংঘটিত হওয়ার তারিখ	Detailed Description of Incident ঘটনার বিস্তারিত বিবরণ	Time-bound Corrective Action সময় সীমাবদ্ধ সংশোধন দৃশ্যকর কর
Fatality প্রানঘাতী				
Non-fatal Injury (Lost Time) প্রানঘাতী নয় এমন দুর্ঘটনা (ক্ষতের নিকার)				
Non-fatal Injury (Minor) প্রানঘাতী নয় এমন দুর্ঘটনা (লঘুতর)				

Type of accident/incident (দুর্ঘটনা/ঘটনার ধরন)	Number and Position of Person/s Involved/ including the community people if applicable সম্প্রদায়ের লোকজন সহ (যদি সম্পৃক্ত থাকে) সম্পৃক্ত লোকজনের সংখ্যা এবং অবস্থা	Location/s and Date/s of Incident ঘটনা সংঘটিত হওয়ার তারিখ	Detailed Description of Incident ঘটনার বিস্তারিত বিবরণ	Time-bound Corrective Action সময় সীমাবদ্ধ সংশোধন মূলক কর্ম
Near-miss ছোটখাট দুর্ঘটনা				
Illness অসুস্থ				
Other Incidents অন্যান্য ঘটনা				

5. Environmental monitoring testing during the reporting period
রিপোর্ট কালীন সময়ে পরিবেশ সংক্রান্ত পরীক্ষা

Sl ক্রমিক নং	Type of monitoring testing পর্যবেক্ষণ পরীক্ষার ধরন	Tested during reporting period (yes/no) রিপোর্ট কালীন সময়ে করা পরীক্ষা সমূহ (হ্যাঁ/না)	If yes, number of sample tested হ্যাঁ হইলে পরীক্ষার সংখ্যা কত	Test result complied with national standard (yes/no) পরীক্ষার ফলাফল জাতীয় আদর্শিক পরিমাপের সহিত সাদৃশ্য পূর্ণ (হ্যাঁ/না)	If no what steps were taken "না" হইলে গৃহীত ব্যবস্থাদি
1	Air quality বায়ুর গুণমান	Yes	1	হ্যাঁ	
2	Noise quality শব্দ দূষণের গুণমান	Yes	1	হ্যাঁ	
3	Surface water quality তৃ-পৃষ্ঠস্থ পানির গুণমান	Yes	1	হ্যাঁ	
4	Ground water quality তৃ-গর্ভস্থ পানির গুণমান	Yes	1	হ্যাঁ	

6. Information on grievances

অভিযোগের বিষয়ে জ্ঞাতব্য বিষয়

Number of grievances received during reporting period রিপোর্ট কালীন সময়ে অভিযোগের সংখ্যা	Type of grievance received গৃহীত অভিযোগের ধরন	Number of grievance resolved নিরাক্ষরকৃত অভিযোগের সংখ্যা	Number of grievance pending অনিমোদিত অভিযোগের সংখ্যা	Remarks মন্তব্য
NA	NA	NA	NA	NA

7. Information on public consultation (গণ আলোচনা সংক্রান্ত তথ্য)

Number of public consultation/FGDs conducted during the reporting period (রিপোর্ট কালীন সময়ে সংগঠিত গন আলোচনার (FGD) সংখ্যা)	Number of participants attended (অংশ গ্রহনকারীদের সংখ্যা)	Type of participants (অংশ গ্রহনকারীদের ধরন)	Number of male and female participants (পুরুষ এবং মহিলা অংশ গ্রহনকারীদের সংখ্যা)	What were discussed (আলোচ্য বিষয়াদি)	Remarks (মন্তব্য)
			Male: পুরুষ Female: মহিলা		
Please attach photos and attendance sheets below ছবি এবং হাজিরা নিম্নে সংযোজন করুন					

8. Information on environmental training
পরিবেশ সংক্রান্ত প্রশিক্ষণের তথ্যাদি

Number of trainings conducted during the reporting period (রিপোর্ট কালীন সময়ে সংগঠিত প্রশিক্ষণের সংখ্যা)	Number of participants attended (অংশ গ্রহনকারীদের সংখ্যা)	Type of participants (অংশ গ্রহনকারীদের ধরন)	Number of male and female participants (পুরুষ এবং মহিলা অংশ গ্রহনকারীদের সংখ্যা)	Topic of trainings (প্রশিক্ষণের বিষয়)	Position of trainer (প্রশিক্ষক গণের অবস্থান)
			Male: পুরুষ Female: মহিলা		
Please attach photos and attendance sheets below ছবি এবং হাজিরা নিম্নে সংযোজন করুন					

9. Recommendations
(সুপারিশ)

Please provide recommendation if any:

(কোন সুপারিশ থাকিলে সংযোজন করুন)

No recommendation

Banskhali
Chattogram

REA check list

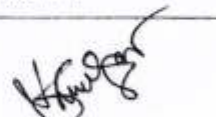
• This checklist is to be prepared to support the environmental classification of a project. It is to be attached to the environmental categorisation form that is to be prepared and submitted to the LEGD / MDS Consultant.
• This checklist is to be completed with the assistance of an Environment Specialist in a Regional Department.
• Answer the questions assuming the "without mitigation" case. The purpose is to identify potential impacts, use the "remarks" section to discuss any anticipated mitigation measures.

Name of Pourashava: Banskhali Pourashava, Chattogram

Project Title	Improving Urban Governance and Infrastructure Program (IUGIP)
Proposed sub-project scheme:	Construction of 3053 m Road in 1 Locations & Construction of RCC Drains 1251 m in 2 locations at Banskhali Pourashava under Chattogram District

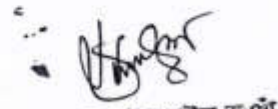
Screening Questions	Yes	No	Remarks
A. Project Sitting			
Is the Project area adjacent to or within any of the following environmentally sensitive areas?		✓	The area is predominantly residential. This Pourashava covers an area of 28.42sq km. with population of 65550 persons
Cultural Heritage site		✓	Not applicable
Protected Area		✓	Not applicable
Wetland		✓	Not applicable
Mangrove		✓	Not applicable
Estuarine		✓	Not applicable
Buffer zone of protected area		✓	Not applicable
Special area for protecting biodiversity		✓	Not applicable
B. Sub-Project Particulars:			
Drain length and with	✓		L= 1.251 km
Type of drain	✓		RCC drain
Tree cutting on the drainage alignment		✓	Not Anticipated
Outfall of drainage?	✓		Outfall of proposed drain secondary to primary drain
Existences of cross drainage. Is it hampering drainage flow?	✓		
C. Potential Environmental Impacts			
Will the Project cause:			
Pollution of the receiving water body		✓	Not Applicable
Pollution or interfere with the irrigation canal / channel		✓	Not Applicable
Affect the structures near the out fall		✓	Not Applicable
Affect the community structures at the or near by the out fall		✓	Not Applicable
Potential ecological problems due to increased soil erosion and siltation?		✓	Not Applicable
Creation of temporary breeding habitats for mosquito vectors of disease due to water stagnancy in the drains?		✓	Not Applicable


Md. Tanvir Jaleel
Project Engineer
Chattogram District


মোঃ ইসমাইল ডায়েরী
সহকারী প্রকৌশলী (মিক্স)
বান্সখালী পৌরসভা
চট্টগ্রাম।

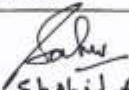
Access problem for the house dwellers	✓	Proper attention during construction period
Impact on commercial and business establishment during construction	✓	Temporary problem arisen during construction period
Impact on livelihood of Hawkers during construction	✓	Temporary problem during construction period
Pollution of raw water supply from upstream wastewater discharge from communities, industries, agriculture, and soil erosion runoff?	✓	
Impairment of historical/cultural monuments/areas and loss/damage to these sites	✓	Not Anticipated
Increased road traffic due to interference of construction activities	✓	Sometime problem during construction period
Dislocation or involuntary resettlement of people?	✓	Not Anticipated
Potential social conflicts arising from land tenure and land use issues?	✓	Not Anticipated
Labor-related social problems especially if workers from different areas are hired?	✓	Not Anticipated
Alteration of surface water hydrology of waterways crossed by roads, resulting in increased sediment in streams affected by increased soil erosion at construction site?	✓	Not Anticipated
Deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction?	✓	Not Anticipated
Downstream water pollution from discharge of fish pond effluents with drain water?	✓	Not Anticipated
Soil erosion (furrow, surface)?	✓	Not Applicable
Scouring of canals?	✓	Not Applicable
Logging of canals by sediments?	✓	Not Applicable
Pollution from oil and fuel spills and bilge flushing?	✓	Not Applicable

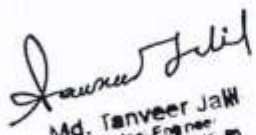

 Md. Tanveer Jaleel
 Municipal Engineer
 MOS Corporation AGG/17
 P. O. Box 10, Dhaka-1215

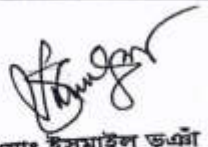

 মোঃ ইসমাইল হোসেন
 সহকারী প্রকৌশলী (সিভিল)
 বাসাবানী পৌরসভা
 চট্টগ্রাম।

Environmental Screening and Categorization Form

Roads:

Country/ Project No./ Project Title	Improving Urban Governance and Infrastructure Program (IUGIP)
Subproject title	Urban transport road and drainage improvement RBS sub-project
Project Executing Agency	LGED, Dhaka
Project Implementing Agency	Banskhali Pourashava.
Modality	RBL progress
Is Project eligible for funding under the RBL Program? ☒ Yes ☐ No (Ref DOE of ECR 2023)	
Environment Impact categorization ☒ New ☐ Re categorization – Previous Category ☐	
☐ Category A (Cat A - Not eligible for funding under the RBL)	
☒ Category B ☐ Category C	
(Ref Checklist- Rapid Environmental Assessment (REA) checklists)	
Prepared by: Md. Tanveer Jalil Municipal Engineer. Banskhali Pourashava. chottogram	
Environmental Specialist (Name, title, signature):  Shahid Abu Hasan Environmental Specialist MDSC, IUGIP, Dhaka	
Date:	
For Project Executing Agency / PMU (Name, title, signature):  (Md. Maruf Hasan Khan) Senior Assistant Engineer Urban Governance & Infrastructure Improvement (Sector) Project LGED HQ, Dhaka.	

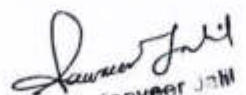

Md. Tanveer Jalil
Municipal Engineer
MDSC, IUGIP
Banskhali Pourashava, Chottogram

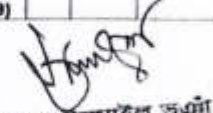

মোঃ ইসমাইল হোসেন
সহকারী প্রকৌশলী (সিভিল)
বান্সখালী পৌরসভা
চট্টগ্রাম।

Project Exclusion Screening Checklist for Environmental Safeguards

The following checklist shall be completed before inclusion of any activity/subproject in the RBL program. If answer to any of the mentioned criteria is 'Yes' then such activity/subproject will not be eligible and shall be excluded from the RBL program.

Questions	Response		Remarks / Clarifications
	Yes	No	
1. Type and Nature of Subproject			
1.1 Proposed activity / subproject classified under the Red Category per ECR 1997?		✓	Complied the ECR 2023 for classification
1.2 Proposed activity / subproject includes components involving prohibited investment activities per ADB SPS?		✓	Complied REA prohibited list
2. Location of Proposed Subproject			
2.1 Proposed activity/subproject located in ecologically sensitive areas such as protected areas (national parks, wildlife sanctuaries), notified wetlands or wetlands of significant value, critical habitats?		✓	
2.2 Proposed activity/subproject located in world heritage sites, and/or within 250 m from the core zone of outer boundary of the world heritage area		✓	
2.3 Proposed activity located within monuments/sites protected by Department of Archeology, Government of Bangladesh?		✓	
3. Potential Impacts		✓	
3.1 Proposed activity/subproject may significantly impact mangroves, wetlands, estuaries, buffer zones of protected areas etc., ?		✓	
3.2 Proposed activity/subproject may potentially lead to encroachment/damage of physical cultural resources with significant value and/or places recognized by government agencies (e.g., Department of Archeology), which may include places of worship, cultural heritage sites, graves/cemeteries, historical monuments, etc.		✓	
3.3 Proposed activity/subproject likely to have significant adverse environmental impacts that are irreversible, diverse, or unprecedented, and may affect an area larger than the sites or facilities subject to physical works (i.e. category A projects as per ADB SPS 2009)		✓	


Md. Tanveer Jahn
Md. Tanveer Jahn
10/10/2023
10/10/2023


মোঃ ইমদাদুল হুসাইন
সহকারী প্রকৌশল (সিভিল)
বাংলাদেশ রেলওয়ে কর্পোরেশন
ঢাকা

Annex 12: Program Progress till September 2024
Table 11: Progress of activities till 30 September 2024

												Reporting Period:	30-Sep- 24	
Sl. No.	Name of District	Name of Pourash ova	Package No.	Esti mat ed Cos t (La kh BD T	Contract Signed	Contract Cost (Lakh BDT)	Name of the Contractor with address	Contract Commen cement Date	Contract Completi on Date	Expected Progress (Pro Rata) up to Reporting Month	Cum. Phy. Prog. Up-to Prev. (Aug- 2024) month	Physical Progress during Reporting (Sep- 2024) month	Cumulative Physical Progress up to Reporting (Sep. 2024) month	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Faridpur	Bhanga	IUGIP/BHAN/UR/01/2023	910.22	2-Jan-24	693.85	M/S Belal Construction, Kurigram	9-Jan-24	4-Jan-25	73.41%	23.22%	0.18%	23.40%	Work ongoing
2	Faridpur	Bhanga	IUGIP/BHAN/UR/02/2023	892.51	20-Feb-24	708.82	M/S Belal Construction, Kurigram	20-Feb-24	19-Feb-25	61.10%	15.80%	3.18%	18.98%	Work ongoing
3	Faridpur	Bhanga	IUGIP/BHAN/UR/03/2023	992.28	15-Sep-24	1,011.40	Md. Mejanur Rahman, Jhenaidah							Work not yet started
4	Faridpur	Boalmari	IUGIP/BOAL/UR+DR/01/2023	909.68	9-Jan-24	755.81	KHANDAKER SHAHIN AHMED LTD, Dhaka	23-Jan-24	22-Jan-25	68.77%	51.85%	1.19%	53.04%	Work ongoing
5	Faridpur	Boalmari	IUGIP/BOAL/UR+DR/02/2023	882.01	10-Jan-24	736.42	M/S Kochi Enterprise-FJCL (JV), Faridpur	24-Jan-24	23-Jan-25	68.49%	51.89%	0.70%	52.59%	Work ongoing
6	Faridpur	Boalmari	IUGIP/BOAL/UR/01/2023	940.01										Evaluation under process
7	Gopalganj	Tungipara	IUGIP/TUNG/UR+DR/01/2023	754.39										Cancelled

8	Gopalga nj	Tungipar a	IUGIP/TUNG/UR+DR/02/2023	783.84										NOA
9	Rajbari	Goaland a	IUGIP/GOAL/UR+DR/01/2023	869.31	8-Jan-24	775.00	M/S Green Const-Azam Const Ltd (JV), Faridpur	8-Jan-24	7-Jan-25	72.88%	28.75%	2.30%	31.05%	Work ongoing
10	Rajbari	Goaland a	IUGIP/GOAL/UR/01/2023	873.96	10-Mar-24	763.73	M/S Kamrul & Brothers, Goalganj	10-Mar-24	9-Mar-25	56.04%	33.27%	0.00%	33.27%	Work ongoing
11	Rajbari	Goaland a	IUGIP/GOAL/MF/01/2023	900.27										NOA
12	Shariatpur	Naria	IUGIP/NARI/UR+DR/01/2023	862.92	30-Nov-23	711.75	KINGDOM Builders Limited	7-Dec-23	6-Dec-24	81.64%	40.17%	9.87%	50.04%	Work ongoing
13	Shariatpur	Naria	IUGIP/NARI/UR/01/2023	862.92	30-Nov-23	819.88	M/S Hamim International	21-Nov-23	15-Nov-24	87.22%	67.70%	0.00%	67.70%	Work ongoing
14	Shariatpur	Naria	IUGIP/NARI/UR+DR/02/2023	841.52	30-Jul-24	790.29	M/S Mostofa & sons,	18-Aug-24	29-Jul-25	12.46%				Work not yet started
15	Madaripur	Kalkini	IUGIP/KALK/UR+DR/01/2023	1,238.33	1-Feb-24	1,286.56	Abaid Monsur Const-M/S Sardar Ent (JV), Madaripur	12-Feb-24	3-Feb-25	64.71%	35.80%	1.55%	37.35%	Work ongoing
16	Madaripur	Kalkini	IUGIP/KALK/UR/01/2023	806.93	10-Mar-24	829.99	M/S Kamrul & Brothers, Goalganj	24-Mar-24	23-Mar-25	52.20%	28.00%	1.14%	29.14%	Work ongoing
17	Madaripur	Kalkini	IUGIP/KALK/UR/02/2023	863.99	1-Apr-24	762.04	Masud Hi-Tech Eng Ltd- Md Khair Hossain (JV), Barishal	15-Apr-24	14-Apr-25	46.15%	20.10%	0.10%	20.20%	Work ongoing
18	Gazipur	Kaliganj	IUGIP/KALI/UR+DR/01/2023	818.12	23-Jan-24	777.46	Mitho Enterprise, Kaliganj, Gazipur	30-Jan-24	29-Jan-25	66.85%	68.00%	11.68%	79.68%	Work ongoing

19	Gazipur	Kaliganj	IUGIP/KALI/UR+DR/02/2023	818.51	31-Jan-24	736.66	Gathuni Limited, Shamoly, Dhaka	7-Feb-24	6-Feb-25	64.66%	30.00%	4.64%	34.64%	Work ongoing
20	Gazipur	Kaliganj	IUGIP/KALI/UR+DR/03/2023	821.75	12-Jun-24	761.84	Mitho Enterprise, Kaliganj, Gazipur	15-Jun-24	14-Jun-25	29.40%	3.00%	5.83%	8.83%	Work ongoing
21	Gazipur	Kaliakoir	IUGIP/KALIA/UR+DR/01/2023	1,449.35	26-Jun-24	1,366.37	M/S Mitho Enterprise	26-Jun-24	25-Jun-25	26.37%	5.00%	5.04%	10.04%	Work ongoing
22	Gazipur	Kaliakoir	IUGIP/KALIA/UR+DR/02/2023	1,465.67	7-Jul-24	1,392.93	M/S Brownfield Eng. Ltd, URtra, Dhaka	7-Jul-24	6-Jul-25	23.35%	3.00%	4.92%	7.92%	Work ongoing
23	Gazipur	Kaliakoir	IUGIP/KALIA/UR+DR/03/2023	1,082.62	28-Aug-24	974.36	M/S Monalisa, Siddirganj, Narayanganj	28-Aug-24	11-Sep-25	8.71%				Work not yet started
24	Gazipur	Kaliakoir	IUGIP/KALIA/UR+DR/04/2023	1,036.85	19-Aug-24	952.84	M/S Iddris Construction,	19-Aug-24	2-Sep-25	11.08%	0.00%	5.00%	5.00%	Work ongoing
25	Manikganj	Manikganj	IUGIP/MANI/UR+DR/01/2023	1,097.89										Live
26	Munshiganj	Munshiganj	IUGIP/MUNS/UR+DR/01/2023	1,013.69	13-Feb-24	1,013.45	Nirman-Mahbub (JV), Dhaka	13-Feb-24	12-Feb-25	63.01%	16.70%	4.78%	21.48%	Work ongoing
27	Munshiganj	Munshiganj	IUGIP/MUNS/UR+DR/02/2023	1,159.64	4-Jan-24	1,216.72	Idris-Radiant JV	4-Jan-24	3-Jan-25	73.97%	30.26%	1.87%	32.13%	Work ongoing
28	Munshiganj	Mirkadim	IUGIP/MIRK/UR+DR/01/2023	1,051.36										Evaluation under process
29	Munshiganj	Mirkadim	IUGIP/MIRK/UR+DR/02/2023	1,128.49										APP
30	Narayan ganj	Araiha zar	IUGIP/ARAI/UR+DR/01/2023	973.69	13-Nov-23	1,034.50	S. Ananta-SB-Amir (JV)	13-Nov-23	12-Nov-24	88.22%	26.77%	3.25%	30.02%	Work ongoing

31	Narayan ganj	Araiha r	IUGIP/ARAI/UR +DR/02/2023	931. 42	13-Nov-23	976.94	Niaz Traders- Nur Enterprise (JV)	13-Nov- 23	12-Nov- 24	88.22%	24.39 %	22.71%	47.10%	Work ongoing
32	Narayan ganj	Araiha r	IUGIP/ARAI/UR +DR/04/2023	1,22 6.57	20-Nov-23	1,311.01	Ratna Enterprise, Sonargaon, Narayanganj.	20-Nov- 23	19-Nov- 24	86.30%	45.06 %	30.69%	75.75%	Work ongoing
33	Narayan ganj	Araiha r	IUGIP/ARAI/UR +DR/03/2023	911. 29	10-Jul-23	970.33	S. Ananta-SB- Amir (JV)	16-Jul- 24	15-Jul- 25	20.88%	0.00%	0.11%	0.11%	Work ongoing
34	Narayan ganj	Araiha r	IUGIP/ARAI/U R+DR/05/202 3	1,21 2.40										Evaluation under process
35	Narsing di	Monohor di	IUGIP/MONO/U R+DR/01/2023	1,45 7.85	18-Apr-24	1,529.65	MRC-RB (JV), Sultan Build., 147 Motijheel C/A, Dhaka	25-Apr- 24	24-Apr- 25	43.41%	9.48%	0.00%	9.48%	Work ongoing
36	Narsing di	Monohor di	IUGIP/MONO/U R/01/2023	778. 10	7-Jul-24	831.39	M/S M.R. Construction, Motijheel, Dhaka	25-Aug- 24	24-Aug- 25	9.89%				Work not yet started
37	Narsing di	Monohor di	IUGIP/MONO/U R+DR/02/2023	1,16 9.45	7-Jul-24	1,244.19	JKE-KSBL JOINT VENTURE, Dhaka	9-Jul-24	8-Jul-25	22.80%	0.94%	0.00%	0.94%	Work ongoing
38	Kishore ganj	Hossainp ur	IUGIP/HOSS/U R+DR/01/2023	887. 10	7-Feb-24	782.69	MIM DEV ENGINEERS LTD	13-Feb- 24	12-Feb- 25	63.01%	5.92%	5.83%	11.75%	Work ongoing
39	Kishore ganj	Hossainp ur	IUGIP/HOSS/D R/02/2023	813. 31	7-Feb-24	712.27	MIM DEV ENGINEERS LTD	13-Feb- 24	12-Feb- 25	63.01%	1.11%	0.04%	1.15%	Work ongoing
40	Tangail	Madhupu r	IUGIP/MADH/U R+DR/01/2023	1,21 9.65	12-Nov-23	1,189.76	Mohammed. Eunus & Brothers (Pvt) Ltd, Chattagram	9-Jan- 24	8-Jan- 25	72.60%	20.76 %	6.92%	27.68%	Work ongoing
41	Tangail	Madhupu r	IUGIP/MADH/U R/01/2023	845. 70	23-Nov-23	819.05	Mohammed. Eunus & Brothers (Pvt) Ltd, Chattagram	8-Jan- 24	7-Jan- 25	72.88%	57.04 %	7.01%	64.05%	Work ongoing

42	Tangail	Madhupur	IUGIP/MADH/UR/03/2023	965.14	20-Dec-23	900.83	M/S Selim & Brothers-M/S Nabila Enterprise (JV)	8-Jan-24	7-Jan-25	72.88%	40.02%	6.91%	46.93%	Work ongoing
43	Tangail	Madhupur	IUGIP/MADH/UR+DR/02/2023	1,675.20	21-Mar-24	1,738.02	Mohammed. Eunos & Brothers (Pvt) Ltd, Chattagram	2-Apr-24	1-Apr-25	49.73%	1.92%	0.59%	2.51%	Work ongoing
44	Netrokona	Madan	IUGIP/MADA/UR+DR/01/2023	818.80	4-Jul-24	763.88	Kabir Syndicate-Shams Engineering. JV., Dhaka.	24-Jul-24	23-Jul-25	18.68%				Work not yet started
45	Netrokona	Madan	IUGIP/MADA/UR/01/2023	852.45										Evaluation under process
46	Brahmanbaria	Brahmanbaria	IUGIP/BRAH/UR+DR/01/2023	1,076.26	30-Nov-23	989.90	Mohammed. Eunos & Brothers (Pvt) Ltd, Chattagram	30-Nov-23	29-Nov-24	83.56%	35.97%	0.00%	35.97%	Work ongoing
47	Brahmanbaria	Brahmanbaria	IUGIP/BRAH/UR+DR/02/2023	1,177.43	4-Jan-24	1,114.84	M/S SB-HB-JV, B. baria	4-Jan-24	3-Jan-25	73.97%	16.28%	0.07%	16.35%	Work ongoing
48	Brahmanbaria	Brahmanbaria	IUGIP/BRAH/UR+DR/03/2023	866.55	14-Mar-24	809.92	M/S Selim & Brothers – M/S Lokman Hossain (JV), Khagrachori	14-Mar-24	13-Mar-25	54.95%	9.34%	8.17%	17.51%	Work ongoing
49	Chattagram	Sandwip	IUGIP/SAND/UR+DR/01/2023	930.02	26-Dec-23	919.53	The Eng. Syndicate-HTBLE (JV), Charragram	5-Feb-24	5-Feb-25	65.03%	27.88%	0.58%	28.46%	Work ongoing
50	Chattagram	Sandwip	IUGIP/SAND/UR/01/2023	885.56	18-Apr-24	849.75	M/S Lucky Enterprise, Sandwip PS, Sandwip	27-Apr-24	26-Apr-25	42.86%	11.24%	0.00%	11.24%	Work ongoing
51	Chattagram	Banskhali	IUGIP/BANS/UR+DR/01/2023	1,839.52	26-Dec-23	1,725.01	HB-QC-IB (JV), Chattagram	8-Feb-24	8-Feb-25	64.21%	16.57%	6.80%	23.37%	Work ongoing

52	Chattagram	Banskhal i	IUGIP/BANS/UR+DR/02/2023	1,315.32	26-Dec-23	1,285.31	M/S Nipa Enterprise, Chattagram	28-Jan-24	27-Jan-25	67.40%	28.68%	1.16%	29.84%	Work ongoing
53	Chattagram	Banskhal i	IUGIP/BANS/UR+DR/03/2023	1,405.32	24-Jun-24	1,323.17	Mohammed Eunus & Brothers (Pvt). Ltd.	14-Jul-24	14-Jul-25	21.37%	1.14%	4.03%	5.17%	Work ongoing
54	Chattagram	Chandan aish	IUGIP/CHAN/UR/01/2023	926.23	18-Apr-24	855.61	M/S. Nipa Enterprise, Chawkbazar, Chattagram	28-Apr-24	27-Apr-25	42.58%	12.55%	8.96%	21.51%	Work ongoing
55	Chattogram	Chandan aish	IUGIP/CHAN/UR/02/2023	966.38	18-Apr-24	882.06	S. Ananta Bikash Tripura, Milonpur, Khagrachori.	29-Apr-24	28-Apr-25	42.31%	7.47%	0.61%	8.08%	Work ongoing
56	Chattogram	Nazirhat	IUGIP/NAZI/UR+DR/01/2023	989.95										Evaluation under process
57	Chattogram	Nazirhat	IUGIP/NAZI/UR+DR/02/2023	1,054.09										Evaluation under process
58	Chattagram	Raozan	IUGIP/RAOZ/UR+DR/01/2023	840.26	25-Mar-24	922.99	RNYB Ltd. - Mazda Ent. (JV), Chattogram	22-Apr-24	21-Apr-25	44.23%	16.16%	0.84%	17.00%	Work ongoing
59	Chattagram	Raozan	IUGIP/RAOZ/MF/01/2023	1,861.82	12-May-24	2,010.01	RNYB Ltd. - Mazda Ent. (JV), Chattogram	19-May-24	18-May-25	36.81%	19.34%	0.00%	19.34%	Work ongoing
60	Chattagram	Raozan	IUGIP/RAOZ/UR/02/2023	843.53	25-Jul-24	910.79	R. P Construction (Pvt) Ltd, Dhaka	1-Aug-24	31-Jul-25	16.48%				Work not yet started
61	Chandpur	Haziganj	IUGIP/HAZI/UR+DR/01/2023	800.00	1-Jan-24	736.12	MRB-MMR (JV)	14-Jan-24	13-Jan-25	71.23%	63.39%	2.71%	66.10%	Work ongoing
62	Chandpur	Haziganj	IUGIP/HAZI/DR/01/2023	785.12	1-Jan-24	731.38	MRB-MMR (JV)	14-Jan-24	13-Jan-25	71.23%	39.70%	1.55%	41.25%	Work ongoing
63	Chandpur	Haziganj	IUGIP/HAZI/DR/04/2023	1,172.09	6-Mar-24	1,044.20	NT-AB-MRL (JV)	20-Mar-24	19-Mar-25	53.30%	18.41%	3.50%	21.91%	Work ongoing

64	Chandpur	Matlab	IUGIP/MATL/UR+DR/01/2023	809.39	10-Dec-23	754.86	NOONA-AB-MRL(JV)	1-Feb-24	31-Jan-25	66.30%	49.54%	3.31%	52.85%	Work ongoing
65	Chandpur	Matlab	IUGIP/MATL/UR+DR/02/2023	1,408.60	10-Dec-23	1,281.21	PIPL- LJIL (JV)	1-Feb-24	31-Jan-25	66.30%	26.67%	1.54%	28.21%	Work ongoing
66	Chandpur	Matlab	IUGIP/MATL/UR/02/2023	1,147.87										APP
67	Chandpur	Faridganj	IUGIP/FARI/UR+DR/02/2023	1,268.68	6-Mar-24	1,161.65	S. S. Rahman Inter. Ltd., Dhaka	6-Mar-24	5-Mar-25	57.14%	12.78%	2.40%	15.18%	Work ongoing
68	Chandpur	Faridganj	IUGIP/FARI/UR/01/2023	808.64	3-Mar-24	705.00	M/S DIYANAH NUR Enterprise, Chandpur	3-Mar-24	2-Mar-25	57.97%	19.00%	0.00%	19.00%	Work ongoing
69	Feni	Sonagazi	IUGIP/SONA/UR+DR/01/2023	917.52	20-Dec-23	963.18	NUR NABI & HOQUE Traders (JV)	25-Feb-24	24-Feb-25	59.73%	21.53%	3.00%	24.53%	Work ongoing
70	Feni	Sonagazi	IUGIP/SONA/UR+DR/02/2023	1,470.86										Retender, Bid Doc under Prep
71	Feni	Sonagazi	IUGIP/SONA/UR+DR/03/2023											APP
72	Feni	Daganbhu iyan	IUGIP/DAGA/UR+DR/01/2023	1,001.70										Retender, Live
73	Feni	Daganbhu iyan	IUGIP/DAGA/UR+DR/02/2023	1,050.54										Retender, Live
74	Khagrachori	Khagrachori	IUGIP/KHAG/UR+DR/01/2023	1,221.56	5-Nov-23	1,331.37	M/S Rip Enterprise, , Khagrachari	15-Nov-23	14-Nov-24	87.67%	85.00%	0.00%	85.00%	Work ongoing
75	Khagrachori	Khagrachori	IUGIP/KHAG/UR+DR/02/2023	1,277.05	8-Nov-23	1,353.56	S. Ananta Bikash Tripura, Khagrachari	19-Nov-23	18-Nov-24	86.58%	71.51%	0.94%	72.45%	Work ongoing
76	Khagrachori	Khagrachori	IUGIP/KHAG/UR+DR/03/2023	1,242.66	10-Jan-24	1,387.15	M/S Rip Enterprise, , Khagrachari	18-Jan-24	17-Jan-25	70.14%	57.71%	6.23%	63.94%	Work ongoing

77	Khagrachori	Khagrachori	IUGIP/KHAG/UR+DR/04/2023	1,468.09	26-May-24	1,608.95	S. Ananta Bikash Tripura, Khagrachari	27-May-24	26-May-25	34.62%	41.31%	10.18%	51.49%	Work ongoing
78	Bandarban	Bandarban	IUGIP/BAND/UR+DR/01/2023	1,340.00	27-May-24	1,407.08	QUASEM CONSTRUCTION UR MONG JV, Bandarban.	28-May-24	27-May-25	34.34%	37.09%	7.61%	44.70%	Work ongoing
79	Bandarban	Bandarban	IUGIP/BAND/UR+DR/2/2023	1,139.76										Live
80	Noakhali	Basurhat	IUGIP/BASU/UR+DR/01/2023	1,039.76										Evaluation under process
81	Noakhali	Basurhat	IUGIP/BASU/UR+DR/02/2023	1,115.75										Evaluation under process
82	Noakhali	Chowmuhani	IUGIP/CHOW/UR+DR/01/2023	1,016.98	13-Nov-23	1,087.08	Gathuni Limited, Dhaka	27-Nov-23	26-Nov-24	84.38%	13.92%	0.08%	14.00%	Work ongoing
83	Noakhali	Chowmuhani	IUGIP/CHOW/UR/01/2023	914.57	13-Nov-23	976.08	Gathuni Limited, Dhaka	27-Nov-23	26-Nov-24	84.38%	21.02%	1.98%	23.00%	Work ongoing
84	Noakhali	Chowmuhani	IUGIP/CHOW/UR/03/2023	838.67	16-May-24	905.31	Gathuni Limited, Dhaka	30-May-24	29-May-25	33.79%	0.70%	0.15%	0.85%	Work ongoing
85	Laxmipur	Raipur	IUGIP/RAIP/UR/01/2023	870.45	20-Mar-24	839.99	M/S Belal Construction, Kurigram	20-Mar-24	19-Mar-25	53.30%	3.40%	0.00%	3.40%	Work ongoing
86	Laxmipur	Raipur	IUGIP/RAIP/UR+DR/03/2023	1,310.07	6-Feb-24	1,218.87	M/S Rahman Engineering, Feni	6-Feb-24	5-Feb-25	64.93%	7.14%	0.00%	7.14%	Work ongoing
87	Laxmipur	Ramgati	IUGIP/RAMG/UR/02/2023	1,143.39										APP
88	Laxmipur	Ramgati	IUGIP/RAMG/UR/01/2023	1,130.43										APP

89	Habiganj	Chunarughat	IUGIP/CHUN/UR/01/2023	950.83	22-Nov-23	893.00	Taher Brothers Ltd	22-Nov-23	21-Nov-24	85.75%	13.97%	2.35%	16.32%	Work ongoing
90	Habiganj	Chunarughat	IUGIP/CHUN/UR+DR/01/2023	1,073.94	22-Nov-23	998.41	Taher Brothers Ltd	22-Nov-23	21-Nov-24	85.75%	8.46%	1.26%	9.72%	Work ongoing
91	Habiganj	Chunarughat	IUGIP/CHUN/UR/02/2023	1,056.98	14-Feb-24	961.68	Taher Brothers Ltd	14-Feb-24	13-Feb-25	62.74%	2.21%	0.00%	2.21%	Work ongoing
92	Moulavi bazar	Kulaura	IUGIP/KULA/UR+DR/01/2023	999.09	10-Jan-24	916.84	Md. Muhibur Rahman, Moulivibazar	30-Jan-24	29-Jan-25	66.85%	8.98%	16.37%	25.35%	Work ongoing
93	Moulavi bazar	Kulaura	IUGIP/KULA/UR+DR/03/2023	1,281.89	25-Mar-24	878.26	S. Ananta Bikash Tripura, Khagrachari	25-Mar-24	24-Mar-25	51.92%				Work not yet started
94	Moulavi bazar	Kulaura	IUGIP/KULA/UR+DR/05/2023	1,496.47	15-Apr-24	1,346.39	Md. Mizanur Rahman, Lajowners International Ltd, Dhaka	15-Apr-24	14-Apr-25	46.15%	6.25%	4.47%	10.72%	Work ongoing
95	Moulavi bazar	Moulvibazar	IUGIP/MOUL/UR+DR/01/2023	1,252.12	7-Feb-24	1,183.50	Prime-Lajwens(JV, Dhaka	11-Feb-24	10-Feb-25	63.56%	27.31%	2.10%	29.41%	Work ongoing
96	Moulavi bazar	Moulvibazar	IUGIP/MOUL/UR+DR/02/2023	1,019.82	3-Mar-24	1,015.90	TM (JV), Poschimbazar, Moulvibazar	5-Mar-24	4-Mar-25	57.42%	29.43%	5.20%	34.63%	Work ongoing
97	Kustia	Bheramara	IUGIP/BHER/UR+DR/01/2023	783.52	13-Dec-23	816.02	SE & MMC JV, Kushtia	4-Feb-24	3-Feb-25	65.48%	60.71%	3.71%	64.42%	Work ongoing
98	Kustia	Bheramara	IUGIP/BHER/UR+DR/04/2023	919.46	4-Feb-24	961.01	JBL-SE JV, Jibonnagor, Chudanga	15-Feb-24	14-Feb-25	62.47%	42.82%	0.00%	42.82%	Work ongoing
99	Kustia	Bheramara	IUGIP/BHER/UR+DR/02/2023	772.62	30-Jun-24	809.37	Saikat Enterprise, Kushtia.	7-Jul-24	7-Jul-25	23.29%			0.00%	Work not yet started.
100	Kustia	Bheramara	IUGIP/BHER/DR/01/2023	840.37										Evaluation under process

101	Kustia	Kumarkh ali	IUGIP/KUMA/U R+DR/01/2023	892. 53	27-Nov-23	826.12	KINGDOM Builders Limited & Nurjahan Resourse International(JV)	4-Mar- 24	3-Mar- 25	57.69%	20.13 %	0.00%	20.13%	Work ongoing
102	Kustia	Kumarkh ali	IUGIP/KUMA/U R+DR/02/2023	894. 01	11-Jun-24	924.88	KINGDOM Builders Limited & Nurjahan Resourse International(JV)	1-Jul-24	30-Jun- 25	25.00%				Work not yet started
103	Kustia	Kumarkh ali	IUGIP/KUMA/U R+DR/03/2023	896. 06	11-Jun-24	922.32	CSI- PREVALENT JV, Mirpur, Dhaka- 1216	1-Jul-24	30-Jun- 25	25.00%	2.00%	2.74%	4.74%	Work ongoing
104	Kustia	Kumarkh ali	IUGIP/KUMA/U R+DR/05/2023	1,06 4.98										Evaluation under process
105	Meherp ur	Gangni	IUGIP/GANG/U R+DR/01/2023	984. 10	1-Nov-23	1,059.84	M/S JAKAULLAH & BROTHERS, Chuandanga	2-Nov- 23	1-Nov- 24	91.23%	34.80 %	0.00%	34.80%	Work ongoing
106	Meherp ur	Gangni	IUGIP/GANG/M F/01/2023	1,50 1.56	19-Dec-23	1,629.15	M/S JAKAULLAH & BROTHERS, Chuandanga	26-Dec- 23	25-Dec- 24	76.44%	6.34%	1.81%	8.15%	Work ongoing
107	Meherp ur	Gangni	IUGIP/GANG/U R/01/2023	1,06 3.39	13-May-24	1,146.33	M/S Rumana Enterprise, Barokhada, Kushtia	20-May- 24	12-May- 25	37.25%	10.14 %	3.85%	13.99%	Work ongoing
108	Meherp ur	Gangni	IUGIP/GANG/M F/02/2023	1,35 5.41	26-May-24	1,423.18	M/S JAKAULLAH & BROTHERS, Chuandanga							Work not yet started
109	Meherp ur	Gangni	IUGIP/GANG/D R/01/2021											Live
110	Chudan ga	Alomdan ga	IUGIP/ALAM/U R+DR/01/2023	880. 62	19-Feb-24	769.61	Jahirul Limited, Meherpur	11-Feb- 24	10-Feb- 25	63.56%	53.16 %	13.92%	67.08%	Work ongoing

111	Chudanga	Alomdanga	IUGIP/ALAM/UR+DR/02/2023	829.44										Evaluation under process
112	Jashore	Keshobpur	IUGIP/KESH/UR+DR/01/2023	1,438.67	25-Jan-24	1,295.01	M/S: MOZAHAR ENTERPRISE (PVT) & BANNANTAR TRADING LTD JV	25-Jan-24	15-Feb-25	64.34%	49.11%	5.91%	55.02%	Work ongoing
113	Jashore	Keshobpur	IUGIP/KESH/UR/01/2023	1,664.63	15-Feb-24	1,480.04	M/S: MOZAHAR ENTERPRISE (PVT) & BANNANTAR TRADING LTD JV	29-Feb-24	28-Feb-25	58.63%	44.70%	13.05%	57.75%	Work ongoing
114	Jashore	Keshobpur	IUGIP/KESH/MF/01/2023	893.30	5-May-24	839.50	M/S: MOZAHAR ENTERPRISE (PVT) & BANNANTAR TRADING LTD JV							Work not yet started
115	Jashore	Keshobpur	IUGIP/KESH/UR/02/2023	639.61	21-Apr-24	591.63	BANNANTAR TRADING LTD, Jashore	9-May-24	8-May-25	39.56%	7.15%	26.97%	34.12%	Work ongoing
116	Pabna	Santhia	IUGIP/SANT/UR+DR/01/2023	1,038.44	8-Nov-23	1,140.73	Md. Eunus & Brothers (Pvt) Ltd, Chattogram	15-Nov-23	15-Nov-24	87.43%	58.00%	2.18%	60.18%	Work ongoing
117	Pabna	Santhia	IUGIP/SANT/UR/01/2023	1,029.48	8-Nov-23	1,127.38	DCL & CC (JV), Khilkhet, Dhaka	15-Nov-23	15-Nov-24	87.43%	75.75%	0.20%	75.95%	Work ongoing
118	Pabna	Santhia	IUGIP/SANT/MF/01/2023	1,162.67										Retender, Live
119	Pabna	Santhia	IUGIP/SANT/UR/02/2023	1,121.81										Evaluation under process
120	Bogura	Sariakandi	IUGIP/SARI/UR+DR/01/2023	1,147.47										Evaluation under process

121	Bogura	Sariakandi	IUGIP/SARI/UR+DR/02/2023	1,064.91										Evaluation under process
122	Naogaon	Nazipur	IUGIP/NAZI/UR+DR/01/2023	1,034.70										Live
123	Rajshahi	Naohata	IUGIP/NAOH/UR/01/2023	1,824.10	11-Dec-23	2,001.95	M/S Jewel Electronics & Washimul Haque JV, Naogaon	26-Dec-23	25-Dec-24	76.44%	57.00%	1.67%	58.67%	Work ongoing
124	Rajshahi	Naohata	IUGIP/NAOH/UR+DR/01/2023	856.16	29-Jan-24	735.43	MIM DEV ENGINEERS LTD, Natore	4-Feb-24	3-Feb-25	65.48%	15.00%	1.63%	16.63%	Work ongoing
125	Rajshahi	Naohata	IUGIP/NAOH/UR/02/2023	1,173.39										Live
126	Rajshahi	Bagha	IUGIP/BAGH/UR+DR/01/2023	1,123.53										APP
127	Rajshahi	Bhawani ganj	IUGIP/BHAW/UR+DR/01/2023	908.35	18-Dec-23	769.79	Mohammed Aminul Haque (Pvt) Ltd & Md. Abul Hossain (JV), Rajshahi	5-Feb-24	4-Feb-25	65.21%	26.58%	6.39%	32.97%	Work ongoing
128	Rajshahi	Bhawani ganj	IUGIP/BHAW/UR/01/2023	810.87	12-Feb-24	831.13	MIM DEV ENGINEERS LTD, Natore	28-Mar-24	27-Mar-25	51.10%	38.38%	6.25%	44.63%	Work ongoing
129	Rajshahi	Bhawani ganj	IUGIP/BHAW/UR/02/2023	923.69	2-Jul-24	777.75	M/S Hossain Enterprise, Ghoramara, Rajshahi	24-Jul-24	23-Jul-25	18.68%	0.00%	2.27%	2.27%	Work ongoing
130	Chapai Nawabganj	Rohanpur	IUGIP/ROHA/UR+DR/01/2023	898.48	4-Feb-24	741.24	M/S MD WASIMUL HAQUE AND NEW RELATIION JV, Rajshahi	10-Feb-24	10-Feb-25	63.66%	68.39%	10.44%	78.83%	Work ongoing
131	Chapai Nawabganj	Rohanpur	IUGIP/ROHA/UR/01/2023	1,202.53	30-Jan-24	992.09	M/S MD WASIMUL HAQUE AND	10-Feb-24	10-Feb-25	63.66%	67.93%	0.00%	67.93%	Work ongoing

							NEW RELATIION JV, Rajshahi							
132	Chapai Nawabganj	Rohanpur	IUGIP/ROHA/M F/01/2023	745. 98	13-Mar-24	588.64	Abdul Mannan & Mominul Haque JV, Rajshahi	4-Apr- 24	3-Apr- 25	49.18%				Work not yet started
133	Chapai Nawabganj	Shibganj	IUGIP/SHIB/UR +DR/01/2023	1,15 0.33										APP
134	Chapai Nawabganj	Shibganj	IUGIP/SHIB/UR +DR/02/2023	1,65 1.43										APP
135	Kurigram	Ulipur	IUGIP/ULIP/UR +DR/01/2023	781. 49	30-Nov-23	709.43	M/S Mostafa & Sons, Noakhali	4-Dec- 23	29-Nov- 24	83.38%	26.66 %	5.09%	31.75%	Work ongoing
136	Kurigram	Ulipur	IUGIP/ULIP/UR/ 01/2023	781. 73	28-Jan-24	686.39	M/S Nipa Enterprise, Chattagram	4-Feb- 24	3-Feb- 25	65.48%	18.14 %	1.73%	19.87%	Work ongoing
137	Kurigram	Ulipur	IUGIP/ULIP/UR/ 02/2023	910. 83										Evaluation under process
138	Kurigram	Ulipur	IUGIP/ULIP/U R/03/2023	913. 36										Evaluation under process
139	Lalmonirhat	Patgram	IUGIP/PATG/U R+DR/01/2023	806. 51	10-Jan-24	720.04	M/S. Mostafa & Sons, Noakhali	17-Jan- 24	9-Jan- 25	71.79%	27.00 %	1.45%	28.45%	Work ongoing
140	Lalmonirhat	Patgram	IUGIP/PATG/U R+DR/02/2023	923. 01	30-Jul-24	889.60	M/S Rupantor- Nufa Construction (JV), Rangpur	6-Aug- 24	29-Jul- 25					Work not yet started
141	Lalmonirhat	Patgram	IUGIP/PATG/ UR+DR/03/20 23	970. 82										Evaluation under process
142	Gaibandha	Sundarganj	IUGIP/SUND/ UR+DR/01/20 23	911. 36										Evaluation under process

143	Gaibandha	Sundarganj	IUGIP/SUND/UR+DR/02/2023	1,136.82										Evaluation under process
			TOTAL	146,793		105,134				55.16%	24.43%		27.84%	
							NOA	2						
							Contract	104						
							Live	10						
							APP/ Bid Doc. Prepn	8						
							Evaluation under process	18						
							Cancelled	1						
							Total Tender	143						



End of the Report