

# Environmental Monitoring Report

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## **PUBLIC**

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August 2023

## Bangladesh: Coastal Towns Climate Resilience Project

Prepared by Local Government Engineering Department (LGED) for the Asian Development Bank (ADB).



## CURRENCY EQUIVALENTS

(as of June 2023)

Currency Unit	=	Bangladesh Taka (BDT)
BDT1.00	=	\$0.0093249
\$1.00	=	BDT 107.24

## ABBREVIATIONS

ADB	– Asian Development Bank
BDT	– Bangladeshi Taka
CTCRP	– Coastal Towns Climate Resilience Project
DoE	– Department of Environment
ECC	- Environmental Clearance Certificate
ECR	- Environmental Conservation Rules
EMP	– Environmental Management Plan
E&S	- Environmental and Social
GRC	- Grievance Redress Committee
GRM	- Grievance Redress Mechanism
IEE	– Initial Environmental Examination
SEMR	– Semi-annual Environmental Monitoring Report
SPS	– Safeguard Policy Statement

## WEIGHTS AND MEASURES

°C	degree centigrade
dB	Decibels
dia	diameter
kg	kilo gram
Kl	kilolitre
km	kilometre
kmph	kilometre per hour
ha	hectares
HP	Horse Power
LPCD	liters per capita per day
lps	liters per second
m	meter
m <sup>3</sup>	Cubic meter
mg	milli gram
mm	milli meter
mcm	million cubic meters
sq.km	Square Kilometer

## **NOTE**

In this report, "\$" refers to United States dollars.

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## I. INTRODUCTION

### A. Coastal Towns Climate Resilience Project

1. The Asian Development Bank (ADB) supported the Coastal Towns Climate Resilience Project (CTCRP) which will strengthen climate resilience and disaster preparedness in 22 (twenty-two) vulnerable coastal Pourashavas (project towns) of Bangladesh. The towns were selected based on their vulnerability, population size, density, and level of past investments. The project takes a holistic and integrated approach to urban development and will (i) provide climate-resilient municipal infrastructure, and (ii) strengthen institutional capacity, local governance, and knowledge-based public awareness, for improved urban planning and service delivery considering climate change and disaster risks. Investments will benefit the poor and women. Municipal infrastructure will include (i) elderly (older persons), women, children, and persons with disabilities (EWCD) friendly cyclone shelters constructed with early warning system; (ii) roads including emergency access roads and roads with stormwater drainages, footpath, bridges and culverts rehabilitated, or constructed for improved connectivity, and access to emergency services in the event of disasters triggered by natural hazard, including footpath, drains bridges and culverts which are critical for accessing emergency services; (iii) climate-resilient infrastructure for improved urban flood risk management including stormwater drains, nature-based solutions, water bodies restoration, and integrated waste management (IWM) developed; (iv) gender-responsive and socially inclusive urban public spaces improved; and (v) slum improvement programs for basic service improvement implemented in each Pourashava following poverty reduction action plan and (vi) EWCD-friendly sanitation facilities constructed for poor households. Slum improvement models currently being implemented in ADB projects, such as the Third Urban Governance and Infrastructure Improvement Project, will be replicated with necessary improvements.<sup>1</sup> The Ministry of Local Government, Rural Development and Cooperatives (MLGRDC) acting through its Local Government Engineering Department (LGED) will be the Executing Agency. Pourashavas are the implementing agencies of the project.

2. Coastal towns are particularly at risk from the impacts of climate change due to high levels of poverty and limited capacity of Pourashavas (urban local governments) to invest in resilience. The Pourashavas lack resilient infrastructure, clubbed with haphazard urbanization, lack of stormwater drains, poor solid waste management system further worsens the condition of these towns. Most of the coastal towns are situated on the riverbanks of low-lying tidal zones at an average elevation of 1.0–1.5 meters (m) from the sea level<sup>2</sup> and coastal flooding is a key hazard faced by these towns. Inadequate basic municipal infrastructure to respond to increasing climate risk threatens both quality of life and the economic growth of coastal towns. This calls for an integrated approach for coastal town development that promotes risk-informed planning and investment for building resilience.

3. The proposed CTCRP is to be implemented in 22 Pourashavas (local governments). District wise location of the CTCRP towns is summarized in Table 1.

**Table 1: District Wise Pourashavas Where Project (CTCRP) will be Implemented**

District	Town (Pourashava)	District	Town (Pourashava)
Barishal	Banairapra	Bhola	Charfasson
	Mehendiganj		Lalmohan

<sup>1</sup> ADB. 2014. *Third Urban Governance and Infrastructure Improvement Project*. Manila.

<sup>2</sup> Sowmen Rahman and Mohammed Ataur Rahman. Climate Extremes and Challenges to Infrastructure Development in Coastal Cities in Bangladesh. Volume 7, March 2015, Pages 96–108

District	Town (Pourashava)	District	Town (Pourashava)
	Bakerganj		Borhanuddin
	Muladi	Jhalokathi	Jhalokathi
	Gouranadi		Nalchity
Bagerhat	Bagerhat	Satkhira	Kalaroa
	Morelganj	Khulna	Paikgacha
Patuakhali	Patuakhali		Chalna (Dacope)
	Kuakata	Pirojpur	Swarupkathi
Shariatpur	Janjira	Barguna	Patharghata
	Bhedarganj		Betagi

## B. Project Outputs and Outcome

### 4. The Project outputs are as follows:

- (i) **Output 1: Municipal infrastructure for resilience improved.** Municipal infrastructure will include (i) 21 elderly, women, children, and persons with disability friendly cyclone shelters with early warning system; (ii) 247.7 km roads with drainage, bridges, and culverts rehabilitated or constructed for improved connectivity and access to emergency services in the event of disasters caused by natural hazards including access to cyclone shelter; (iii) climate-resilient infrastructure including 201.0 stormwater drainages, at least 3 nature-based solutions, water bodies restoration, and 4 integrated waste management (IWM) developed rehabilitated or constructed for improved urban flood risk management including; (iv) gender-responsive and socially inclusive urban public spaces improved; (v) slum improvement program implemented; and (vi) EWCD-friendly sanitation facilities constructed for poor households. Output 1 will also support development of EWCD-friendly socio-economic infrastructures including (i) local markets; (ii) bus terminals; and (iii) other priority roads, bridges, culverts, and boat landing stations.
- (ii) **Output 2: Resilient livelihood improved.** Output 2 includes: (i) climate vulnerable households covered in the graduation program in six project towns; (ii) women, including person with disabilities, reported increased skills for resilient livelihood; and (iii) inventory of productive assets of vulnerable households documented and insured. The Graduation Approach and Program will be adopted to ensure livelihood resilience.<sup>3</sup>
- (iii) **Output 3: Institutional capacity, governance, and climate-awareness strengthened.** Output 3 includes: (i) risk-informed urban development plans and poverty reduction action plans of project towns submitted to Pourashavas council; (ii) staff of LGED and Pourashavas including 90% eligible women staff reported increased knowledge on climate and disaster risk assessment to inform the urban development plans and to enforce development control regulations linked with natural hazards; (iii) knowledge and capacity of LGED and Pourashavas' staff including 90% of women staff on nature-based solutions and green solution application developed;<sup>4</sup> (iv) disaster management committee on disaster

<sup>3</sup> The graduation program originated in Bangladesh and has since been adopted in several countries as a holistic, time-bound interventions to lift households from poverty through: (i) social assistance to support immediate needs; (ii) livelihood promotion; (iii) financial inclusion; and (iv) social empowerment.

<sup>4</sup> Nature-based solutions promote actions to protect, sustainably manage and restore natural and modified ecosystems in ways that address societal challenges effectively and adaptively, to provide both human well-being and biodiversity



preparedness measures, cyclone shelter management committees, and standing committees on women and children affairs, poverty reduction and slum improvement in project *Pourashavas* operationalized for improving municipal governance and sustainable service delivery;<sup>5</sup> (v) revenues enhancement plan adopted by each project *Pourashava* to improve municipal finance systems; (vi) computerized tax records and billing systems made functional; (vii) annual gender responsive operation and maintenance (O&M) plans approved and at least 75% of the required annual budget is allocated and spent; and (viii) gender responsive urban space guidelines developed. Output 3 supports to enhance public awareness, behavior change, and community mobilization in light of emergencies such as coronavirus disease (COVID-19) and cyclone Amphan in 2020. It will also support training and capacity building of LGED and *Pourashavas* to institutionalize information technology-based remote monitoring through strengthening LGED's geographic information systems section, monitoring and evaluation unit, and project management unit.

5. The impact of the project will be higher and sustainable growth trajectories achieved in the face of the various weather-related natural hazards and risk and improved livability of coastal towns.<sup>6</sup>

### **C. Environmental Category**

6. CTCRP is classified as Category B according to ADB Safeguard Policy Statement (SPS), 2009 (project components judged to have some adverse environmental impacts, but of lesser degree and/or significance than those for Category A). All subprojects in CTCRP are classified as Category B, and the impacts of all subprojects are assessed through Initial Environmental Examination (IEE) as per ADB SPS, 2009.

### **D. About this Report**

7. This is the Semi-annual Environmental Monitoring Report (SEMR) prepared by Project Management Unit (PMU) of LGED with the support of ADB Environment Specialist (TA Consultant) for the monitoring period of January – June 2023. This is the first SEMR since the loan effectiveness on 19 January 2023. This SEMR provides the status of project, presents preparation and implementation of environmental management, mitigation and monitoring actions, and reports status of compliance with Environmental Management Plans (EMPs) and loan covenants.

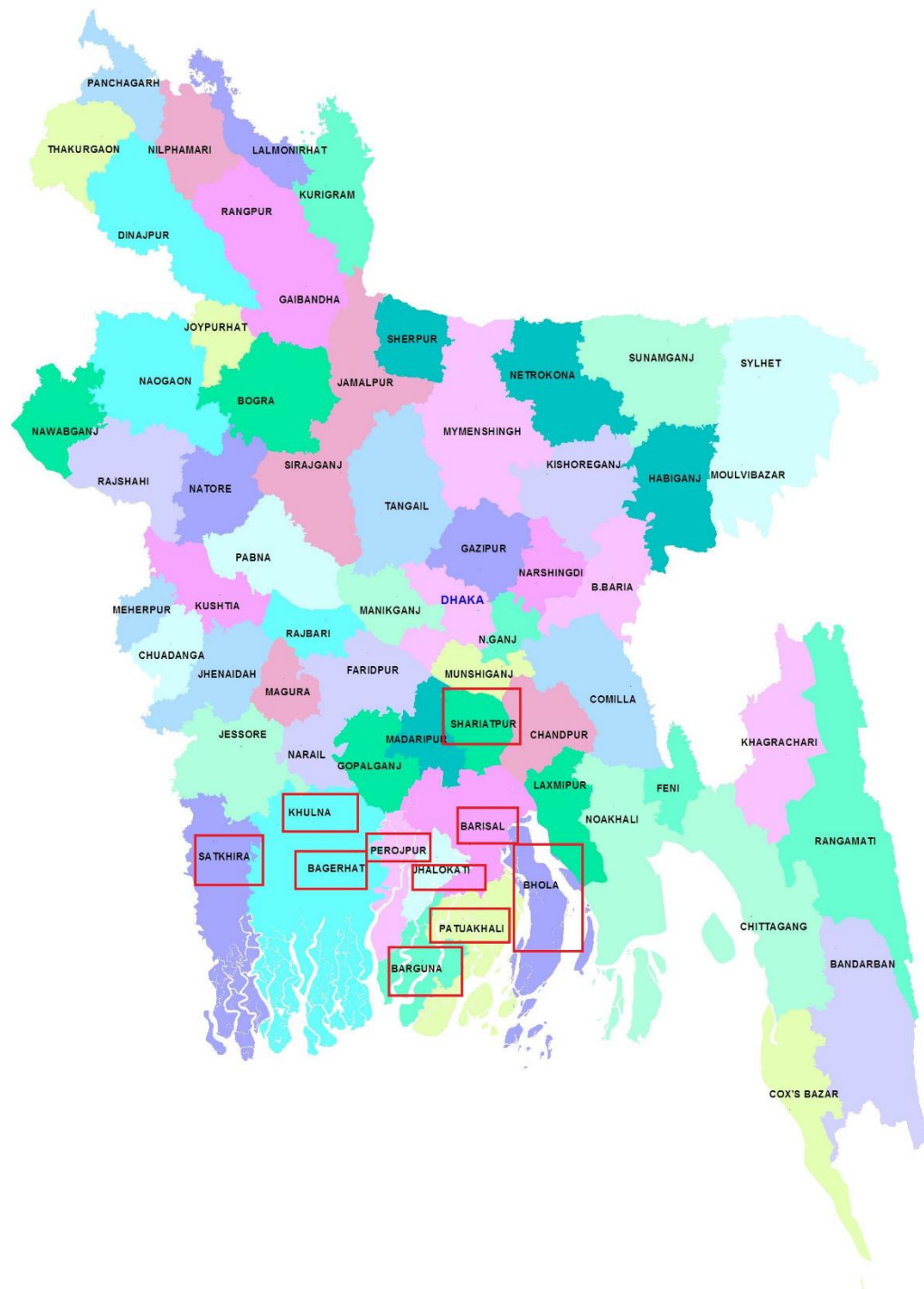
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benefits. (Source: IUCN (2020). Guidance for using the IUCN Global Standard for Nature-based Solutions. A user-friendly framework for the verification, design and scaling up of Nature-based Solutions. First edition. Gland, Switzerland: IUCN).

<sup>5</sup> A risk-informed performance-based budget allocation strategy will be adopted to promote governance-led infrastructure improvement to ensure sustainable urban services. The *pourashava* will need to fulfil a set of performance criteria to receive fund for infrastructure improvement. Performance criteria is elaborated in project administration manual (footnote 27).

<sup>6</sup> Government of Bangladesh. 2018. Delta Plan 2100. Dhaka and Government of Bangladesh, Ministry of Planning, Bangladesh Planning Commission, General Economic Division. 2020. Making Vision 2041 a Reality – Perspective Plan of Bangladesh, 2021–2041. Dhaka.

**Figure 1: Location of Districts Under which Project's 22 Pourashavas are Located**



## II. PROJECT IMPLEMENTATION ARRANGEMENTS

8. Project implementation arrangement is presented in below table 2:

**Table 2: Project Implementation Organizations: Roles and Responsibilities**

Project Implementation Organizations	Management Roles and Responsibilities
<p>Executing agency: Local Government Engineering Department of the Local Government Division under the Ministry of Local Government, Rural Development, and Cooperatives</p>	<ul style="list-style-type: none"> <li>• Oversee full project implementation and administration.</li> <li>• Serve as the focal agency to ADB and development partners, and government offices whose coordination, endorsement, or approval and monitoring activities are required and/or mandated by existing policies or laws.</li> <li>• Approval of subprojects (schemes) (Project Director, Chief Engineer, and onward as per rules policy prevailed above the authority of Project Director).</li> <li>• Issue a letter to Divisional Additional Chief Engineer and Regional Superintending Engineer to monitor the implementation progress and quality of the work as well as respective Divisional/Regional Office.</li> <li>• Administration of loan disbursements.</li> </ul>
<p><b>Project steering committee (PSC)</b></p>	<ul style="list-style-type: none"> <li>• To review the recommendation of the project implementation committee for addressing problems that arise during project implementation and to take decisions accordingly.</li> <li>• To give guidelines or to formulate policies which required for implementing project activities.</li> <li>• Any other matter related to project implementation.</li> <li>• The committee will meet at least once in every three months.</li> <li>• The committee may co-opt members, if necessary.</li> <li>• The committee is comprised of: <ul style="list-style-type: none"> <li>• Senior Secretary/Secretary, Local Government Division, Chairperson</li> <li>• Joint Secretary (Planning Wing), Local Government Division</li> <li>• Joint Secretary (Development), Local Government Division</li> <li>• Chief Engineer, Local Government Engineering Department</li> <li>• Deputy Secretary/ Chief Local Government Division</li> <li>• Representative of ECNEC &amp; Coordination Wing of the Planning Division</li> <li>• Representative of Planning Commission (Physical Infrastructure Division)</li> <li>• Representative of Concerned Sector of IMED</li> <li>• Representative Planning Commission (Programming Division)</li> </ul> </li> </ul>

Project Implementation Organizations	Management Roles and Responsibilities
	<ul style="list-style-type: none"> <li>• Representative of Economic Relations Division (Foreign Aided Project)</li> <li>• Representative of Ministry of Finance (Finance Division)</li> <li>• Representative (Planning), Local Government Engineering Department</li> <li>• Project Director</li> <li>• Concerned Senior Assistant Chief/Assistant Chief, Local Government Division (member Secretary)</li> <li>• Special invitees to advise the committee on technical issues.</li> </ul> <p>• Note: The committee may co-opt members, for the necessity of the project like (1) Department Bangladesh Water Development Board, (2) Disaster Management Bureau (Disaster Management and Relief Division), (3) Ministry of Environment and Forests (Climate Change Unit)</p>
<b>Project Implementation Committee (PIC)</b>	<ul style="list-style-type: none"> <li>• To give necessary assistance or suggestion for implementing project activities</li> <li>• If any problem lies during implementation, then to give the necessary decision to solve the problem</li> <li>• The committee will meet at least once in every three months or as needed to resolve pending project implementation issues</li> <li>• The committee may co-opt members, if necessary</li> <li>• The PIC is comprised of <ul style="list-style-type: none"> <li>• Chief Engineer, LGED, - Chairperson</li> <li>• Representative from the Planning Wing, LGD</li> <li>• Representative from the Development Wing, LGD</li> <li>• Representative from the concerned Wing/Sector-Division of the Planning Commission</li> <li>• Representative from the Programming Division of the Planning Commission</li> <li>• Representative of ECNEC &amp; Coordination Wing of the Planning Division</li> <li>• Representative from Concerned Sector of IMED</li> <li>• Representative of Economic Relations Division</li> <li>• Representative from Finance Division</li> <li>• Project Director, LGED</li> <li>• Representative from the concerned Engineering /Architecture Department</li> <li>• Representative from the Ministry of Environment, Forest and Climate Change</li> <li>• Concern Desk officer of Implementation Agency</li> </ul> </li> </ul>
Implementing agencies: <i>Pourashavas</i>	<ul style="list-style-type: none"> <li>• Implements project at <i>pourashavas</i> level</li> <li>• Signs project agreements with ADB</li> <li>• Formation of disaster management committees on disaster preparedness measures, cyclone shelter management committees, standing</li> </ul>

Project Implementation Organizations	Management Roles and Responsibilities
	<p>committees on women, and children affairs, poverty reduction, and slum improvement</p> <ul style="list-style-type: none"> <li>• Update or prepare risk-informed urban development plan and poverty reduction action plan and control development activities</li> <li>• Review performance indicators and make decisions to achieve</li> <li>• Endorse selection of subprojects</li> </ul>
Project Management Unit within the executing agency	<p><i>Project Management and Administration</i></p> <ul style="list-style-type: none"> <li>• Manage, coordinate, and monitor project activities.</li> <li>• Fully responsible for day-to-day administration and, financial management implementation project.</li> <li>• Liaise with ADB.</li> <li>• Liaison and coordination with <i>pourashavas</i>.</li> <li>• Budgeting and financial planning and management.</li> <li>• Consolidate PIU reports and submit quarterly project progress reports to ADB in the agreed format.</li> </ul> <ul style="list-style-type: none"> <li>• Establish and operate project advance accounts, and sub-advance accounts.</li> <li>• Assist PIUs in opening sub-subaccounts.</li> <li>• Make payments to Nature-Based Solutions Contract/PMU will pay to contractor, community organization, consultants, and nongovernment organizations.</li> <li>• Ensure auditing of loan proceeds and grant and maintenance of all accounts.</li> <li>• Maintain centralized records for all project transactions.</li> <li>• Cause the project financial statements to be audited by an independent auditor and submit the external auditor report to ADB.</li> <li>• Provide to ADB all disbursement-related documentation.</li> <li>• Preparation and submission of withdrawal applications (WAs) to ADB.</li> <li>• Ensure adequate counterpart funds.</li> <li>• Reports mandated under the loan and grant (financing agreement) agreement.</li> <li>• Establish, maintain, and update the project performance monitoring system.</li> <li>• Carry out periodic quality monitoring of the civil works contracts with the support of project management and supervision consultants.</li> <li>• Coordinate Project Steering Committee meetings.</li> <li>• Preparation of project completion report with the support of the project consultants.</li> <li>• Provide support to ADB missions.</li> <li>• Approve estimate of schemes (subprojects).</li> </ul>

Project Implementation Organizations	Management Roles and Responsibilities
	<ul style="list-style-type: none"> <li>• Assist in knowledge management and sharing, and disclosure of information generated by the project</li> <li>• Other activities directed by the higher Authority.</li> <li>Procurement of Goods, Works, and Services</li> <li>• Prepare bid documents for equipment and vehicles for PMU and multiple <i>pourashavas</i>.</li> <li>• Develop initial bidding document templates and evaluation report templates to be used by PIUs.</li> <li>• Evaluate all OCB (National) documents and process for further approval.</li> <li>• Review and approve all OCB (National) bidding and evaluation reports.</li> <li>• Send draft bidding documents to ADB for review and approval (if a prior review is required).</li> <li>• Advertise all OCB packages for procurement.</li> <li>• Procurement of goods.</li> <li>• Recruitment of consultants and manage contracts.</li> <li>• Apply e-procurement when possible.</li> <li>• Submit bid evaluation reports to ADB.</li> <li>• Prepare updated procurement plans (18-month timeframe) in consultation with PIUs and submit it to ADB for review and approval.</li> </ul> <ul style="list-style-type: none"> <li>• Provide support and guidance to PIUs during the procurement and contract management process.</li> <li>• Submit annual contract award and disbursement projections by December of each year.</li> </ul> <p><i>Technical Oversight and Support</i></p> <ul style="list-style-type: none"> <li>• Conduct appraisal of the scheme (subproject) prioritized by <i>pourashavas</i>.</li> <li>• Provide technical support and overall guidance to PIUs.</li> <li>• Approve scheme (subproject) proposals against scheme (subproject) selection criteria and design considerations .</li> <li>• Review and approve detailed engineering designs and estimates.</li> <li>• Approve any variations during the execution of works contracts.</li> <li>• Carry out a periodic quality audit of the civil works contracts.</li> </ul> <p><i>Safeguards Compliance</i></p> <ul style="list-style-type: none"> <li>• Monitor and ensure compliance with ADB's safeguards policy, EARF, and government requirements.</li> <li>• Approve scheme (subproject) proposals against (scheme) (subproject) selection criteria , including no subprojects/works located within 1 km from the boundary of world heritage sites to be included in the project.</li> </ul>

Project Implementation Organizations	Management Roles and Responsibilities
	<ul style="list-style-type: none"> <li>• Obtain statutory clearances.</li> <li>• Prepare and submit new resettlement plans/indigenous peoples plans (IPPs) for ADB review and approval.</li> <li>• Coordinate for obtaining right-of- way clearances.</li> <li>• Review monthly PIU monitoring reports and submit consolidated semiannual safeguards monitoring reports to ADB.</li> <li>• Address project-related grievances.</li> <li>• Provide capacity support to PIUs Institutional Capacity, Governance, and Community Development.</li> <li>• Oversee governance improvement and performance.</li> <li>• Approve training and capacity building program.</li> <li>• Conduct training and capacity building programs.</li> <li>• Oversee public relations and knowledge management.</li> <li>• Oversee implementation of GAPs, Graduation program, and PRAPs</li> </ul>
<b>Divisional/Regional Office of LGED (Khulna and Barishal)</b>	<ul style="list-style-type: none"> <li>• In coordination with PMU, the Divisional/Regional Office will monitor, supervise, manage, and coordinate project activities.</li> <li>• To provide technical support to PIU.</li> <li>• Consolidate PIU reports and submit monthly project progress reports to PMU in the agreed format.</li> <li>• Assist PIUs in strengthening institutional capacity, governance, and awareness.</li> <li>• Liaison and coordination with <i>pourashavas</i>, PMU, Additional Chief Engineer's office (Division), Superintending Engineer's office (Region).</li> <li>• Coordinate closely with PMU, and PIUs, and ensure that project preparation and implementation are in compliance with ADB's safeguards policy, EARF, and government requirements.</li> <li>• Assist PIUs in obtaining statutory clearances timely and ensuring that projects are selected in compliance with (subproject) selection criteria.</li> </ul>
<b>Pourashava Level Coordinating Committees</b>	<ul style="list-style-type: none"> <li>• Meet annually or as/when necessary</li> <li>• Provide guidance and support to the PIU for smooth and timely quality implementation</li> <li>• Ensure smooth implementation of the project and resolve critical implementation issues</li> <li>• Guide PIUs and coordinate with heritage management authorities/government departments to avoid project components in sensitive areas to comply with subproject selection criteria</li> <li>• Provide all necessary project-related supports to comply all ADB's and government rules and</li> </ul>

Project Implementation Organizations	Management Roles and Responsibilities
	<p>regulations.</p> <ul style="list-style-type: none"> <li>• The committees are comprised of:               <ul style="list-style-type: none"> <li>o Mayor</li> <li>o Chief Executive Officer/ Poura Nirbahi Officer</li> <li>o Executive Engineer/ Assistant Engineer</li> <li>o LGED, BWDB, DMB, Department of women affairs representatives</li> <li>o Special invitees to advise the committee on technical issues</li> </ul> </li> </ul>
<p><b>Project Implementing Units (22)</b></p>	<p><i>Project Management and Administration</i></p> <ul style="list-style-type: none"> <li>• Implement day-to-day project implementation in <i>pourashavas</i>.</li> <li>• Liaise with PMU and Divisional/Regional Office of LGED on project implementation.</li> <li>• Open sub-sub accounts in a commercial bank.</li> <li>• Make payments to contractors and suppliers.</li> <li>• Submit contractor invoices and supporting documents for payment by PMU.</li> <li>• Submit quarterly reports to PMU in the agreed format and as required by PMU.</li> <li>• Maintain scheme (subproject) and contract ledger and accounting.</li> <li>• Submit claims to PMU.</li> <li>• Submit supporting documents for all project transactions paid with ADB funds to PMU for centralized maintenance.</li> <li>• Prepare and maintain financial statements separately in accordance with the financier along with the book of accounts.</li> <li>• Prepare bidding documents for works with consultants.</li> <li>• Endorse bidding documents for works and send to PMU for review and approval.</li> <li>• Advertise OCB (National) packages using e-procurement.</li> <li>• Establish bid opening and evaluation committees for civil works contracts.</li> <li>• Evaluate bids and submit evaluation reports to PMU for civil works contracts.</li> <li>• Sign and manage all OCB (national) civil works contracts (with support from PMU and Divisional/Regional Office of LGED).</li> </ul> <p><i>Technical Support.</i></p> <ul style="list-style-type: none"> <li>• Supervise the contractors and ensure the quality of works.</li> <li>• Work closely with Divisional/Regional Office of LGED and consultants.</li> <li>• Ensure scheme (subproject) selection and design meets schemes (subproject) selection criteria.</li> <li>• Facilitate collection of data for detailed engineering designs.</li> <li>• Prepare progress reports on each contract and include in quarterly reports to PMU and as</li> </ul>



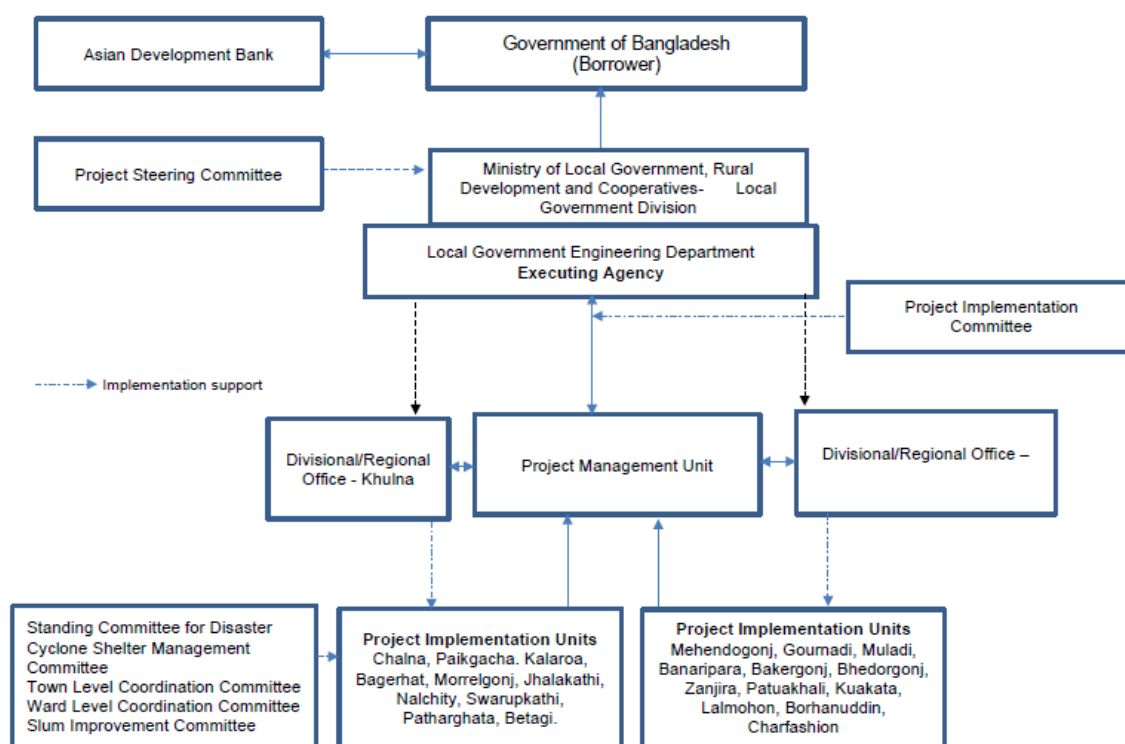
Project Implementation Organizations	Management Roles and Responsibilities
	<p>required by PMU.</p> <p><i>Safeguards Compliance</i></p> <ul style="list-style-type: none"> <li>• Implement and monitor safeguards compliance (Due Diligence Reports, resettlement plans, Environmental Management Plans) including consultations and disclosure.</li> <li>• Ensure scheme (subproject) selection and design meets environmental selection criteria..</li> <li>• Ensure that no projects/components are located within 1 km of world heritages sites.</li> <li>• Coordinate with Pourashavas and ensure statutory clearances are obtained timely.</li> <li>• Screen involuntary resettlement/indigenous peoples impacts, assist and support resettlement plan/IPP preparation of new subprojects.</li> <li>• Obtain right-of- way clearances.</li> <li>• Prepare monthly monitoring reports and submit to PMU.</li> </ul> <p><i>Institutional Capacity, Governance, and Community Development.</i></p> <ul style="list-style-type: none"> <li>• Propose training and capacity building program</li> <li>• Ensure public outreach</li> <li>• Prepare and implement PRAP in all <i>pourashavas</i> (in six <i>pourashavas</i> through the Graduation approach).</li> </ul>
Pourashava Performance Review Committee	<ul style="list-style-type: none"> <li>• Evaluate the performance of the <i>pourashavas</i> against agreed performance criteria and deadlines.</li> <li>• The committee is comprised of: <ul style="list-style-type: none"> <li>o Secretary, LGD (chair)</li> <li>o Joint Secretary, LGD (Urban Wing)</li> <li>o Director General, LGD</li> <li>o Chief Engineer, LGED</li> <li>o Representative, Planning Commission</li> <li>o Representative, ERD</li> <li>o Representative IMED of the Planning Ministry</li> <li>o Director, Urban Management Support Unit, LGED</li> <li>o Project Director, CTCRP (member secretary)</li> </ul> </li> </ul>
ADB	<ul style="list-style-type: none"> <li>• Communicates with LGED and PMU on project implementation.</li> <li>• Conducts field review, midterm review, and project completion review missions to assess project implementation progress and compliance of project covenants.</li> <li>• Reviews PMU submissions for procurement of goods, civil works, and services, provide comments, and no objection on such.</li> <li>• Approves and monitors GAP, safeguards documents, and implementation compliance.</li> </ul>

Project Implementation Organizations	Management Roles and Responsibilities
	<ul style="list-style-type: none"> <li>• Checks statement of expenditure</li> <li>• Conduct capacity building program on project implementation components, ADB policies, procurement, project management, gender, safeguards, and other compliance requirements.</li> </ul>

ADB = Asian Development Bank, BWDB = Bangladesh Water Development Board, CTCRP = Coastal Town Climate Resilience Project, DMB = Disaster Management Bureau, EARF = environmental assessment review framework, ECNEC = Executive Committee of the National Economic Council, ERD = economic relation division, GAP = gender action plan, IMED = Implementation, Monitoring and Evaluation Division, IPP = indigenous people's plan, LGD = Local Government Division, LGED = Local Government Engineering Department; NCB = national competitive bidding, NEC = National Economic Council, OCB = open competitive bidding, PIU = project implementation unit, PMU = project management unit, PRAP = poverty reduction action plan, , SWM = solid waste management.

Source: Asian Development Bank and Local Government and Engineering Department.

**Figure 2: Project Implementation Arrangements**



9. **Safeguards Implementation Arrangements. Project Management Unit (PMU).** A PMU will be created within LGED to support the management and supervision of the project. The PMU will coordinate environment safeguards planning and implementation and ensure that the environmental assessment and review framework is followed during subproject implementation. The PMU will be headed by a project director (PD) of Executive Engineer rank. The PD will be supported by a Deputy Project Director (DPD) who is also a permanent staff of LGED and will serve as the environmental safeguards focal person in the PMU on concurrent capacity. The PMU will be assisted by two consultant teams, namely: Detailed Design Service Consultant (DDSC) and Project Management and Supervision Consultant (PMSC). DDSC and PMSC will each include an Environment Specialist who will support in the efficient overall implementation of environmental safeguards of the project, through tasks described in relevant paragraphs below.

The PMU will work closely with the Divisional/Regional Offices and project implementation units (PIUs) at the Pourashava level. The PMU will have the following responsibilities with regard to environmental safeguards:

- (i) Ensure subprojects comply with the national and local statutory and legal environmental requirements, ADB SPS 2009, EARF and environmental safeguards provisions of the ADB loan covenant;
- (ii) Ensure subprojects conform to exclusion criteria and subproject selection guidelines as stipulated in the EARF;
- (iii) Review and approve the environmental categorization of future subprojects;
- (iv) Review and approve subproject IEE reports, including EMPs, and ensure that subproject IEEs and EMPs are updated based on final detailed designs and submit to ADB for review, clearance and disclosure prior to bid invitation;
- (v) Ensure that robust chance find protocol is put in place and implemented properly;
- (vi) Engage competent heritage experts and oversee conduct of heritage assessment study for towns where there are notified heritage areas close by (such as for example in Bagerhat); and ensure that no works/sites are located within 1 km from the boundary of any UNESCO notified heritage area or within monuments protected by Department of Archaeology, Government of Bangladesh;
- (vii) Ensure that updated/final IEEs based on final detailed design are provided to the construction contractor prior to start of construction ;
- (viii) Ensure that the IEEs including EMPs are updated in case of changes in detailed design that may occur during implementation phase, and submitted to ADB for review, clearance and disclosure;
- (ix) Ensure that IEEs with EMPs are included in bidding documents and civil works contracts;
- (x) Ensure that the requirement for contractors to prepare their respective Health and Safety (H&S) Plans including COVID-19 H&S Plans is included in bidding documents and civil works contracts;
- (xi) Review and approve site-specific EMPs (SEMPs) of contractors;
- (xii) Provide oversight on environmental management aspects of the project, and ensure EMPs and SEMPs are implemented by contractors;
- (xiii) Establish a system to monitor environmental safeguards of the Project including monitoring the indicators set out in the monitoring plan of the IEE;
- (xiv) Facilitate timely and ensure overall compliance with all national and local government rules and regulations regarding site and environmental permits/clearances/approvals as well as any other environmental requirements as relevant;
- (xv) Review, monitor and evaluate effectiveness with which the EMPs, SEMPs, and Health and Safety Plans are implemented, and recommend necessary corrective actions to be taken;
- (xvi) With support from PMSC, consolidate quarterly monitoring reports from the Divisional/Regional Offices and/or PIUs and submit semi-annual environmental monitoring reports (SEMRs) to ADB;
- (xvii) Ensure availability of budget for safeguards activities;
- (xviii) Ensure adequate awareness campaigns, information disclosure among affected communities and timely disclosure of final IEEs/EMPs and SEMRs, including corrective action plans, if any, in project website and in a form accessible to the public;
- (xix) Address any grievances brought through the grievance redress mechanism (GRM) described in this IEE report in a timely manner;

- (xx) Undertake regular review of safeguards-related loan covenants, and the compliance during project implementation; and
- (xxi) Organize periodic capacity building and training programs on safeguards for stakeholders, PMU, Divisional/Regional Offices, PIUs and contractors.

10. **Divisional/Regional Office of LGED, Division Level.** The Divisional/Regional Office in Barishal will be responsible for overall implementation of the subprojects within the Division. The Assistant Director of the Regional Municipal Support Unit of the Divisional/Regional Office will be responsible for Social and Environmental Safeguards, Livelihoods and Gender, with support by PMSC in the implementation of social and environmental safeguard plans and gender action plan (GAP). The Divisional/Regional Office will undertake internal monitoring and supervision and record observations throughout the project period to ensure that the safeguards and mitigation measures are provided as intended.

11. The PMU and Divisional/Regional Office of LGED will jointly oversee safeguards implementation by the *pourashava*/town level PIU, coordinate public consultations, information disclosure, regulatory clearances and approvals, implementation of resettlement plans, EMP implementation, and grievance redressal.

12. The key tasks of the Divisional/Regional Office on environmental safeguards, through the Divisional/Regional Office Assistant Director (Environmental Safeguards) as lead and PMSC as support, will be as follows:

- (i) Supervise PMSC to coordinate with PIU, conduct consultations with affected persons and key stakeholders, and update PMU accordingly for all subproject locations;
- (ii) Ensure and support preparation and/or updating of this IEE report by DDSC and submit to PMU for review and approval and submission to ADB;
- (iii) Support PIU to obtain no objection certificates and/or permits required for the subproject at the local or *pourashava* level, other than those certificates or permits that are to be obtained by the contractor;
- (iv) Provide all necessary support to heritage expert in the conduct of heritage assessment study in subproject towns close to UNESCO heritage areas, and coordinate with DDSC to ensure that component sites are away from these UNESCO heritage areas (1.5-2 km), and in any case, no works/sites shall be located within 1 km from the boundary of any UNESCO heritage area or within monument/sites protected by Department of Archaeology, Government of Bangladesh;
- (v) Supervise PIU to ensure no subproject civil works will commence until all relevant statutory requirements are obtained;
- (vi) Support PMU to ensure IEE report is included in bidding documents and civil works contracts;
- (vii) Guide PIU to ensure EMP of subproject is implemented effectively and efficiently;
- (viii) Consolidate monthly environmental monitoring reports received from PIU (and other PIUs in the Division) and prepare quarterly environmental monitoring reports to PMU;
- (ix) Guide PIU to conduct continuous public consultation and awareness with affected persons and other key stakeholders;
- (x) Address any environment-related grievances brought about through the GRM promptly;

- (xi) Organize an induction course for the training of contractors, preparing them on EMP implementation and monitoring, GRM and actions towards any unanticipated environmental impacts that may occur during implementation; and
- (xii) Liaise with the district administration, and other division-level stakeholders, as and when required.

13. **Project Implementation Unit (PIU), Pourashava/Town Level.** The PIU will be established and staffed with a safeguards and gender focal person (Executive Engineer/Assistant Engineer, *pourashava*). The PIU will be assisted by PMSC. and will receive support from the Divisional/Regional Office environment, social and gender Assistant Directors and region level Construction Supervision and Safeguards Engineers, PMSC. The PIU will be responsible for implementation of the IEE/resettlement plan/resettlement and small ethnic community plan (RSECP)/GAP. The Executive Engineer (safeguards, livelihoods, and gender focal person) with the support of the Construction Supervision and Safeguards Engineers, PMSC will support PMU safeguards Deputy Project Directors and Sub Assistant Engineers in subproject implementation. The Slum Improvement Officer at the *pourashava* will be responsible for livelihood intervention tasks and responsibilities.

14. Key tasks and responsibilities of the PIUs on environmental safeguards, through the PIU safeguard and gender focal person as lead and division-level PMSC as support, are as follows:

- (i) Ensure compliance with government and ADB requirements on environmental safeguards;
- (ii) Provide all necessary support to heritage expert in the conduct of heritage assessment study in subproject towns close to UNESCO heritage areas, and coordinate with DDSC to ensure that component sites are away from these UNESCO heritage area (1.5-2 km), and in any case, no works/sites shall be located within 1 km from the boundary of any UNESCO heritage area or within monument/sites protected by Department of Archaeology, Government of Bangladesh;
- (iii) With support from PMSC, review and approve site-specific EMPs (SEMPs) prepared by contractor;
- (iv) Conduct regular site visits, including spot checks, to ensure the EMP and/or SEMP are properly implemented;
- (v) Review monthly reports from contractor;
- (vi) Prepare quarterly reports on all aspects concerning environmental assessment, management, and monitoring;
- (vii) Obtain approval of the quarterly reports from the Project Engineer, and submit approved reports to Divisional/Regional Office;
- (viii) Address any grievances brought about through the GRM as described in the IEE report in a timely manner; and
- (ix) Support all other environmental safeguards-related activities and tasks of the PMU/Divisional/Regional Office as may be needed.

15. **Detailed Design Service Consultants (DDSC).** The project will be supported by the DDSC. The DDSC will be staffed by an Environment Expert, Heritage / Archaeological Expert, and a Social Safeguard Expert. DDSC will support PMU in designing and planning of subproject components. The DDSC will screen all subprojects for climate resilience, conduct technical surveys and detailed studies, heritage assessment studies, and prepare all engineering designs, bidding and safeguard documents. In collaboration with the PMSC Environmental Safeguards

and Heritage/Archaeological Experts, the tasks of the DDSC Environmental Safeguards and Heritage Experts are as follows:

- (i) Screen and categorize the subproject based on the EARF;
- (ii) Update/Finalize the initial environmental examination (IEE) report including environmental management plans (EMP) based on final detailed design of the subproject and in accordance with ADB SPS and national laws, regulations, policies and guidelines; and
- (iii) Ensure that technical design team works closely with the Heritage Expert; select subproject sites/work area as far as away from UNESCO heritage area if any, and in any case, no works/sites shall be located within 1 km from the boundary of UNESCO heritage area or within monument/sites protected by Department of Archaeology, Government of Bangladesh;
- (iv) Ensure that all recommendations made in the heritage assessment study are integrated into finalization of subproject sites, detailed designs, and construction methodologies; and
- (v) Conduct due diligence of associated facilities and/or audit of existing facilities, if any, during the detailed design phase, as defined in ADB SPS.

16. **Project Management Supervision Consultant (PMSC).** The PMSC will provide project management and supervision services to support the PMU. PMU will provide support to the LGED, PMU for project management, and administration, construction supervision and quality control, safeguard compliance, municipal services operation and maintenance, monitoring and evaluations, and other activities as appropriate. PMSC will have an Environment Specialist, a Social Safeguard Specialist, Heritage/Archaeological Expert, and a Gender Specialist.

17. The key responsibilities of PMSC on environmental safeguards (PMU level and PIU level), with the support of heritage expert to be assigned in subproject towns where heritage areas are likely to be affected, are to fulfil collaborative tasks with the DDSC Environment Specialist and Heritage Expert and provide expert support to PMU, Divisional/Regional Office and PIU on the following:

- (i) Screen and categorize final components of the subproject based on the EARF;
- (ii) Update/Finalize the initial environmental examination (IEE) report including environmental management plans (EMP) based on changes in design of the subproject and in accordance with ADB SPS and national laws, regulations, policies and guidelines;
- (iii) Engage heritage expert to review the works sites before the start of works, and confirm on site by joint verification with PIU and heritage management authority that project component sites are away from UNESCO notified heritage area, and no works are located within 1 km of the boundary and are not within the monument/sites protected by Department of Archaeology, Government of Bangladesh;
- (iv) Ensure that all recommendations made in the heritage assessment study are implemented;
- (v) Conduct due diligence of associated facilities and/or audit of existing facilities, if any, during the detailed design phase, as defined in ADB SPS;
- (vi) Conduct of meaningful consultations and ensure issues/concerns/suggestions raised are incorporated in the design and updated/final IEE report;
- (vii) Ensure relevant provisions from the updated/final IEE report and EMP are incorporated in the bid and contract documents;

- (viii) Establish grievance redressal mechanism and ensure members of the grievance committee have the necessary capacity to resolve project-related issues/concerns;
- (ix) Together with the social safeguards experts, conduct safeguards capacity building to ensure PMU, Divisional/Regional Office and PIU have the capacity to implement, monitor, and report on implementation of EMP, resettlement plans and indigenous peoples plans (if any); and
- (x) Monitor implementation of EMP at all work sites, including all potential safeguard issues identified in the safeguard documentation mentioned above;
- (xi) Monitor any unanticipated environmental risks or impacts that arise during construction, implementation or operation of the subproject that were not considered in the IEE report and EMP. Prepare corrective action plans and ensure that these are implemented by the contractor and reported accordingly in environmental monitoring reports to ADB; and
- (xii) Undertake all other tasks to ensure the subproject complies with ADB SPS and national environmental laws, rules, and regulations.

18. **Civil Works Contract and Contractor.** The IEE with EMP will form part of bidding and contract documents and verified by PMU. The Contractor will be required to designate an environment, health and safety officer (or equivalent) to ensure implementation of EMP during civil works. Contractor is to carry out all environmental mitigation and monitoring measures outlined in their contract and the IEE. The Contractor will be required to submit to PMU, for review and approval, a SEMP including (i) proposed sites/locations for construction work camps, storage areas, hauling roads, lay down areas, disposal areas for solid and hazardous wastes; (ii) specific mitigation measures following the approved EMP; (iii) monitoring program per EMP; and (iv) budget for SEMP and EMP implementation. No works can commence until SEMP is approved by PMU.

19. Specifically, the Contractor will have the following responsibilities, among others that will be included in the bid and contract documents:

- (i) Ensure that the infrastructure development works are carried out in an environmentally friendly manner, minimizing environmental impacts while ensuring the health and safety of all its workers and the minimizing disturbance to the surrounding environment and communities;
- (ii) Consideration of ADB SPS, national regulations and the EMP during bid preparation and cost estimation;
- (iii) Hire or designate a full time Environment, Health and Safety Officer (or equivalent) responsible for compliance to ADB SPS requirements, national regulations and the EMP. The officer/staff must have a clear terms of reference and responsibilities to ensure that all environmental and social concerns are properly managed;
- (iv) Ensure regular reporting to the PIU on work progress and alert management on any potential issues or delays;
- (v) Strictly follow National COVID 19 protocols and other COVID-19 related instructions issued by the government, and immediately report to the PIU upon detection of COVID positive cases at the subproject site;
- (vi) Obtain the necessary permits and clearances, if any is required for the contractor, to implement the subproject;
- (vii) Ensure that all worker recruitment and OHS requirements are complied;
- (viii) Take necessary corrective action to rectify any non-conformance, including actions related to grievances;

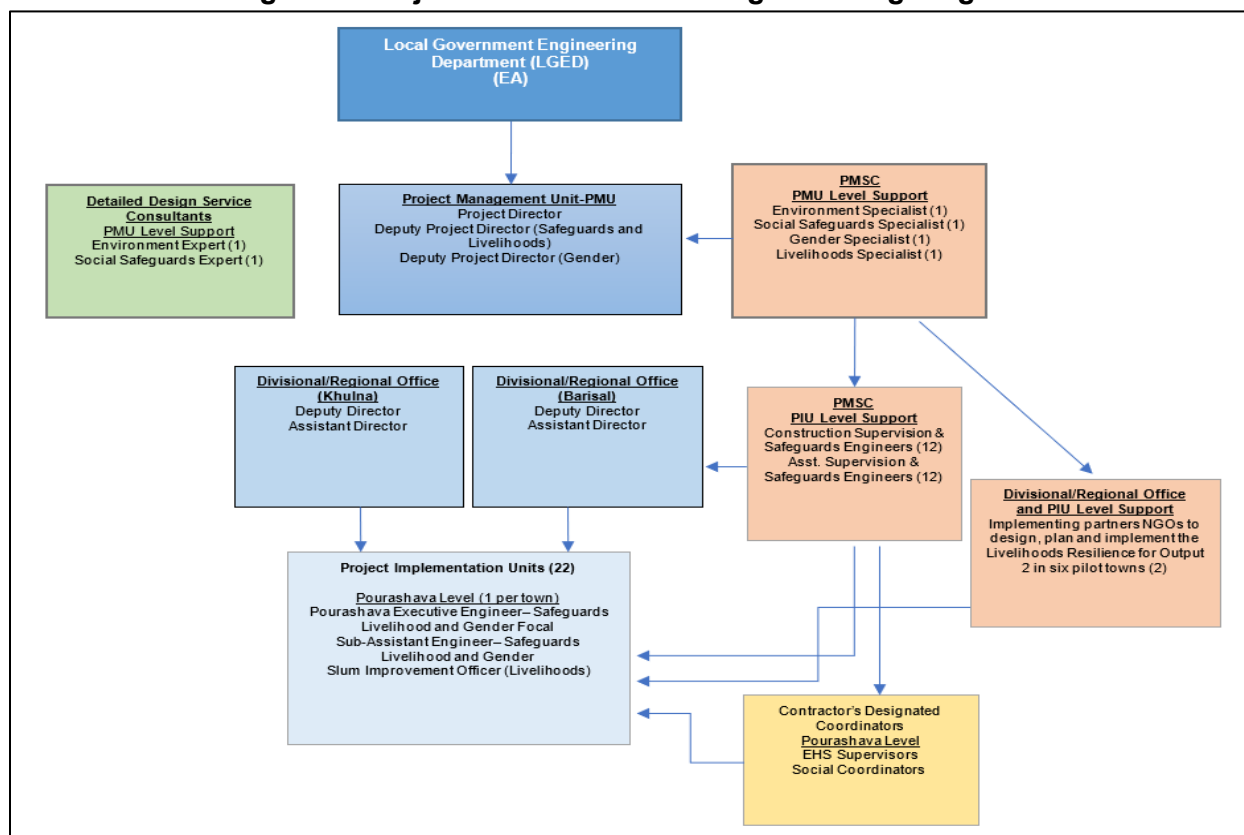
- (ix) Institute an emergency plan for natural calamities/disasters and accidents at the site; and
- (x) Follow chance finds procedures to discovery of any physical cultural artifact.

20. A copy of the EMP/approved SEMP will be kept on-site during the construction period at all times. Non-compliance with, or any deviation from, the conditions set out in the EMP/SEMP constitutes a failure in compliance and will require corrective actions.

21. PMU will ensure that bidding and contract documents include specific provisions requiring contractors to comply with: (i) all applicable labor laws and core labor standards on (a) prohibition of child labor as defined in national legislation for construction and maintenance activities; (b) equal pay for equal work of equal value regardless of gender, ethnicity, or caste; and (c) elimination of forced labor; and with (ii) the requirement to disseminate information on sexually transmitted diseases, including HIV/AIDS, to employees and local communities surrounding the proposed project sites.

22. Figure 3 shows the project safeguard implementation arrangements.

**Figure 3: Project Environmental Safeguards Organogram**



DDSC = Detailed Design Service Consultant; EHS = Environment, Health, and Safety; PIU = Project Implementation Unit; PMSC = project management supervision consultant; PMU = project management unit



**Table 3: Project Environmental Safeguards Team**

S. No	Position	Office	Name	Contact number	Email / Remarks
	<b>PMU</b>				
1	Project Director	Project Director Office	Mr. Md. Mokheasur Rahman	+8801712157477	<a href="mailto:pdctcrplged@gmail.com">pdctcrplged@gmail.com</a>
2	Deputy Project Director (Safeguards and Livelihoods)	Project Director Office	Mr. Md. Mafiz Uddin	+8801717297650	<a href="mailto:Engr.mubablu@gmail.com">Engr.mubablu@gmail.com</a>
3	Sub-Assistant Engineer (Safeguards)		-	-	To be designated officially prior to award of works contract Target: by December 2023.
	<b>D/RO</b>				
1	D/RO Environmental Safeguards Focal, Khulna		-	-	To be designated officially prior to award of works contract Target: by December 2023.
2	D/RO Environmental Safeguards Focal, Barishal		-	-	To be designated officially prior to award of works contract Target: by December 2023.
	<b>PIU (22)</b>				
1	Pourashava Executive Engineer (Safeguards, Livelihoods and Gender Focal)	Each Pourashava	-	-	To be designated officially prior to award of works contract Target: by December 2023.
2	Pourashava Sub-Assistant Engineer (Safeguards, Livelihoods and Gender)	Each Pourashava	-	-	To be designated officially prior to award of works contract Target: by December 2023.
	<b>PMSC</b>				To be mobilized during detailed design/before award of works contracts
	<b>PMU-Level Support</b>				
1	Environmental Specialist		-	-	Not recruited yet. To recruit by 31 March 2024.
2	Heritage/Archaeological Expert		-	-	Not recruited yet. To recruit by 31 March 2024.
	<b>D/RO and PIU Level Support</b>				

S. No	Position	Office	Name	Contact number	Email / Remarks
1	Construction Supervision & Safeguards Engineers (12)	For PIU level supports	-	-	Not recruited yet. To recruit by 31 March 2024.
2	Assistant Supervision & Safeguards Engineers (12)	For PIU level supports	-	-	Not recruited yet. To recruit by 31 March 2024.
	<b>DDSC PMU Level Support</b>				To be mobilized during detailed design/before award of works contracts
1	Environmental Expert		-	-	-
2	Heritage/Archaeological Expert		-	-	-
	<b>Contractors</b>				
1	Contractor's Designated Coordinators	Pourashava level	-	-	Contractor is not engaged yet
2	EHS Supervisor	Pourashava level	-	-	Contractor is not engaged yet.

### **III. PROJECT IMPLEMENTATION STATUS**

23. Details of all subprojects / packages, type of bid/contract and status of implementation of packages is presented in the Table 4, and detailed implementation progress of each of the awarded packages are given in Table 4.



S N	Package No.	Name of Consulting Services	IFT Method	Review (Prior/Post)	EOI Issuance Date	Submission 1 (LOI, SL, RFP)		RFP		Submission 2 (TPER)		Submission 3 (FPER)		Contract Signing Date
						EA Submission	ADB Approval	Issuance of RfP	RFP Closing	EA Submission	ADB Approval	EA Submission	ADB Approval	
1	e-GP/CTCRP/PATU/DR-01	Construction of 15 nos Drain at Patuakhali pourashava Dist. Patuakhali.	OTM / 825362	Prior	20.4.23	10.04.23	24.4.23	15.5.23	19.6.23					
2	e-GP/CTCRP/BAGA/DR-01	Construction of 22 nos Drain at Bagerhat Pourashava Dist. Bagarhat	OTM / 829778	Prior	16.5.23	25.4.23	03.5.23	28.5.23	03.7.23					

**Table 5: Implementation Status of Awarded Subprojects / Packages**

Package	Package status	Design progress to date	Construction progress to date	Components completed to date	Works conducted during the reporting period
	1. Date of Award 2. Date of mobilization 3. Scheduled completion 4. Duration 5. Contractor				
No contract has been awarded.	NA	NA	NA	NA	NA
Works for any of the packages has not started yet					

#### IV. COMPLIANCE STATUS WITH STATUTORY ENVIRONMENTAL REQUIREMENTS

##### A. Status of Clearances

24. Environmental Conservation Rules (ECR), 2023 outline the processes and requirements of environmental clearances for specific type of projects indicated therein and stipulates that “no industrial unit or project shall be established or undertaken without obtaining, in the manner prescribed by rules, an environmental Clearance Certificate (ECC) from the Director General” of the DOE. Schedule 1 of the Rules classifies industrial units and projects into four categories according to their site and impact on the environment, namely (i) green, (ii) yellow, (iii) orange, and (iv) red. The rules specify the procedures for issuing ECC for the various categories of projects. ECR, 2023 provides the classification for industrial projects and types of development that are common in Bangladesh. This indicates the subprojects’ category and its likely classifications based on this schedule. It assessed by the IEEs that subprojects fall under orange category. Based on the ECR, 2023, the subproject is required to secure an ECC. The ECC is issued within 30 days from receipt of the application by DOE. Such ECC is required to be renewed every year from the date of its effectivity. For the project, PMU is responsible for application for ECC. Each subproject will obtain its corresponding ECC depending on the requirements per ECR, 2023, and approval should be obtained before contract award. Detailed status of each clearance/permission is provided in Table 6.

**Table 6: Status of Statutory Clearances**

Package / Subproject	List of Clearances / permission required	Status	Validity period	Remarks
All type of subprojects	ECC from DOE	Not obtained yet.	NA	Need to be obtained before contract awards; PMU to submit the application for DoE by November 2023 and obtain ECC for the priority subprojects;  Pourashavas to obtain permits from Mayors before commencement of construction works for each of the subprojects.
	Permits to be obtained by the contractors for building construction for cyclone shelters, including road excavation for road packages and drainage packages; and construction of waste management facilities from Mayor of respective Pourashava.	Not obtained yet.	NA	
	Permits to be obtained by the contractors for tree cutting (if required for any of the subprojects) before construction works from Mayor of respective Pourashava.	Not obtained yet.	NA	

## B. Compliance with Clearance Conditions

25. Following Table 7 provides a summary of clearance / consent conditions specified by statutory agencies that are required to be complied with and/or monitored during implementation and/or operation, and the status of compliance.

**Table 7: Conditions of Clearances**

Package	Clearance / Permission	Conditions of Clearance / Permission	Status of Compliance
NA	NA	NA	As no clearance obtained yet. this is not yet applicable

## V. COMPLIANCE WITH LOAN COVENANTS

### A. Loan Covenants

26. Status of compliance with environmental safeguard related loan covenants is given in the below Table 8. Project is being implemented in compliance with all the covenants.

**Table 8: Status of Compliance with Loan Covenants**

No. (List schedule and paragraph number of Loan Agreement)	Covenant	Status of Compliance	Action Required
Loan 4238-BAN, Schedule 4, para # 5	<u>Conditions for Awards of Contracts: Commencement of Works</u>  The Borrower shall ensure or cause the Project Executive Agency and the Pourashavas to ensure, that no Works contract is awarded for a subproject that involves: (a) environmental assessment unit (i) The Project Executive Agency has prepared and submitted ADB an IEE including EMP for that subproject; (ii) ADB has provided its final approval of the relevant IEE and EMP; (iii) Department of Environment of Borrower has provided its final approval of IEE; and (iv) relevant provisions from the IEE and EMP have been incorporated in the Works Contract	Complied  Project is preparing IEE and EMP and obtaining approval from ADB for different subprojects. It has also plan to obtain approval from DOE.	PMU needs to obtain approval from DOE before awarding contracts for subprojects.
Loan 4238-BAN, Schedule 4, para # 6	<u>Environment</u>	Complied Relevant point applicable to	To be followed-relevant issue that



No. (List and paragraph number of Loan Agreement)	Covenant	Status of Compliance	Action Required
	The Borrower shall ensure or cause the Project Executive Agency and the Pourashavas to ensure, that the preparation, design, construction, implementation, operation and decommissioning of the project and all project facilities comply with (a) all applicable laws and regulations of the Borrower relating to environment, health and safety; (b) the Environmental Safeguards; and (c) the EARF; (d) all measures and requirements set forth in an IEE, the EMP and any corrective or preventative actions set forth in a Safeguards Monitoring Report.	construction stage will be complied during construction.	is applicable to construction stage.
Loan 4238-BAN, Schedule 4, para # 10	<u>Human and Financial Resources to Implement Safeguards Requirements</u>  The Borrower shall make available or cause the Project Executive Agency and the Pourashavas to make available, all necessary budgetary and human resources to fully implement each EMP, RP and SECP.	Being complied	Relevant human resources yet to be engaged.
Loan 4238-BAN, Schedule 4, para # 11	<u>Safeguards-Related Provisions in Bidding Documents and Works Contracts</u>  The Borrower shall ensure or cause the Project Executive Agency and the Pourashavas to ensure, that all bidding documents and contracts for Work contain provisions that require contractors to: (a) comply with the measures and requirements relevant to the contractor set forth in the IEE, EMP, RP and SECP (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set forth in a Safeguards Monitoring Report;	Being complied	To comply for all work packages

No. schedule paragraph number of Loan Agreement)	Covenant	Status of Compliance	Action Required
	<ul style="list-style-type: none"> <li>(b) make available a budget for all such environmental and social measures;</li> <li>(c) provide the Borrower with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks or impacts that arise during construction, implementation or operation of the project that were not considered in the IEE, the EMP, RP and SECP; and</li> <li>(d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and</li> <li>(e) fully reinstate pathways, other local infrastructure, and agriculture land to at least their pre-project condition upon the completion of the construction.</li> </ul>		
Loan 4238-BAN, Schedule 4, para # 12	<p><u>Safeguards Monitoring and Reporting</u></p> <p>The Borrower shall do the following or the Project Executive Agency and the Pourashavas to do the following:</p> <ul style="list-style-type: none"> <li>(a) Submit semi-annual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission;</li> <li>(b) If any unanticipated environmental and /or social risks and impacts arise during construction, implementation or operation of the project that were not considered</li> </ul>	Complied	PMU will continue preparing and disclosing Semi-Annual Monitoring Report, and shall report to ADB any unanticipated risks and impacts and/or breach of compliance.

No. (List and paragraph number of Loan Agreement)	Covenant	Status of Compliance	Action Required
	<p>in the IEE, the EMP, the RP or the SECP, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and proposed corrective action plan; and</p> <p>(c) report any actual or potential breach of compliance with the measures and requirements set forth in the EMP, the RP or the SECP promptly after becoming aware of the breach.</p>		
Loan 4238-BAN, Schedule 4, para # 13	<p><u>Prohibited List of Investments</u></p> <p>The Borrower shall ensure or cause the Project Executive Agency and the Pourashavas to ensure, that no proceeds of Loan are used to finance any activity included in the list of prohibited investment activities provided in Appendix 5 of the SPS.</p>	Complied	Project will not allow any activity included in the prohibited investment list in Appendix 5 of the SPS.
Loan 4238-BAN, Schedule 4, para # 14 & 15	<p><u>Labor Standards, Health and Safety</u></p> <p>The Borrower shall ensure or cause the Project Executive Agency and the Pourashavas to ensure, that the core labor standards and the Borrower's applicable laws and regulations are complied with during Project Implementation. The Borrower, the Project Executive Agency and the Pourashavas shall include specific provisions in the bidding documents and contracts financed by ADB under the Project requiring that the contractors, among other things: (a) comply with Borrower's applicable labor laws and regulations and incorporate applicable workplace occupational safety norms; (b) do not use child labor; (c) do not discriminate workers in respect of employment and occupation; (d) do not use force</p>	<p>To be complied</p> <p>Bid documents include provisions regarding compliance with labor, health and safety laws/standards</p>	To be complied during construction period.

No. schedule paragraph number of Loan Agreement)	Covenant	Status of Compliance	Action Required
	<p>labor; (e) allow freedom of association and effectively recognize the right to collective bargaining; and (f) disseminate or engage appropriate service provider to disseminate, information on the risks of sexually transmitted diseases, including HIV/AIDS, to the employees of contractors engaged under the Project and to members of the local communities surrounding the Project area, particularly women.</p> <p>The Borrower shall strictly monitor compliance with the requirements set forth in para 14 ( above) and provide ADB with regular report.</p>		

## B. Preparation and Approval of Environmental Assessment Reports

27. **Subproject Category.** CTCRP is classified as Category B according to ADB Safeguard Policy Statement (SPS), 2009 (project components judged to have some adverse environmental impacts, but of lesser degree and/or significance than those for Category A). All subprojects in CTCRP are classified as Category B, and the impacts of all subprojects are assessed through Initial Environmental Examination (IEE) as per ADB SPS, 2009.

28. Package-wise status of preparation, submission, and approval of IEE Reports of Category B subprojects are presented in **Table 9**.

**Table 9: Status of IEEs**

	Package Number	Bid type	Package Status	Draft IEE submitted to ADB	Draft IEE cleared by ADB	Updated IEE submitted to ADB	Updated IEE cleared by ADB	Remarks
1	e-GP/CTCRP/BANR/C S-01	Works	Under preparation	Yes	No	-	-	For official submission to ADB – Site is being reviewed for flood risks; (Draft being finalized with help of ADB Environment

	Package Number	Bid type	Package Status	Draft IEE submitted to ADB	Draft IEE cleared by ADB	Updated IEE submitted to ADB	Updated IEE cleared by ADB	Remarks
								tal Consultant)
2	e-GP/CTCRP/BAKR/RD-01	Works	Under preparation	Yes	No	-	-	Ongoing ADB Review
3	e-GP/CTCRP/BAKR/RD-02	Works	Under preparation	Yes	No	-	-	Ongoing ADB Review
4	e-GP/CTCRP/BAKR/RD-03	Works	Under preparation	Yes	No	-	-	Ongoing ADB Review
5	e-GP/CTCRP/BAKR/CS-01	Works	Under preparation	Yes	Yes	-	-	Disclosed
6	e-GP/CTCRP/MEHN/CS-01	Works	Under preparation	Yes	Yes	-	-	Disclosed
7	e-GP/CTCRP/MULA/CS-01	Works	Under preparation	Yes*	Yes*	-	-	*Initial draft shared with ADB and finalized with help of ADB Consultant. For official submission to ADB and disclosure
8	e-GP/CTCRP/GOUR/CS-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
9	e-GP/CTCRP/SWAP/CS-01	Works	Under preparation	Yes	No	-	-	Ongoing ADB Review
10	e-GP/CTCRP/JHAL/RD-01	Works	Under preparation	Yes	Yes	-	-	Disclosed
11	e-GP/CTCRP/JHAL/RD-02	Works	Under preparation	Yes	Yes	-	-	Disclosed
12	e-GP/CTCRP/JHAL/RD-03	Works	Under preparation	Yes	Yes	-	-	Disclosed
13	e-GP/CTCRP/JHAL/CS-01	Works	Under preparation	Yes	Yes	-	-	Disclosed
14	e-GP/CTCRP/NALC/RD-01	Works	Under preparation	Yes	No	-	-	Draft IEE submitted to

	Package Number	Bid type	Package Status	Draft IEE submitted to ADB	Draft IEE cleared by ADB	Updated IEE submitted to ADB	Updated IEE cleared by ADB	Remarks
								ADB for review
15	e-GP/CTCRP/NALC/RD-02	Works	Under preparation	Yes	No	-	-	Draft IEE submitted to ADB for review
16	e-GP/CTCRP/NALC/RD-03	Works	Under preparation	Yes	No	-	-	Draft IEE submitted to ADB for review
17	e-GP/CTCRP/NALC/CS-01	Works	Under preparation	Yes*	No	-	-	<p>*Initial draft shared with ADB on 15 March 2023.</p> <p>Draft being finalized with help of ADB Environmental Consultant</p> <p>Once finalized, PMU will officially submit to ADB for clearance and disclosure</p>
18	e-GP/CTCRP/LALM/RD-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
19	e-GP/CTCRP/LALM/RD-02	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
20	e-GP/CTCRP/LALM/CS-01	Works	Under preparation	Yes	Yes	-	-	Disclosed

	Package Number	Bid type	Package Status	Draft IEE submitted to ADB	Draft IEE cleared by ADB	Updated IEE submitted to ADB	Updated IEE cleared by ADB	Remarks
21	e-GP/CTCRP/CHAR/RD-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
22	e-GP/CTCRP/CHAR/RD-02	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
23	e-GP/CTCRP/CHAR/RD-03	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
24	e-GP/CTCRP/CHAR/CS-01	Works	Under preparation	Yes	Yes	-	-	Disclosed
25	e-GP/CTCRP/BORH/RD-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
26	e-GP/CTCRP/BORH/RD-02	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
27	e-GP/CTCRP/BORH/CS-01	Under preparation	Under preparation	Yes	Yes	-	-	Disclosed
28	e-GP/CTCRP/PATH/RD-01	Works	Under preparation	Yes	No	-	-	Draft IEE submitted to ADB for review
29	e-GP/CTCRP/PATH/RD-02	Works	Under preparation	Yes	No	-	-	Draft IEE submitted to ADB for review
30	e-GP/CTCRP/PATH/CS-01	Works	Under preparation	Yes	No	-	-	Ongoing ADB review
31	e-GP/CTCRP/BETA/RD-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
32	e-GP/CTCRP/BETA/CS-01	Works	Under preparation	Yes	Yes	-	-	Disclosed
33	e-GP/CTCRP/JANJ/CS-01	Works	Under preparation	Yes	Yes	-	-	Disclosed

	Package Number	Bid type	Package Status	Draft IEE submitted to ADB	Draft IEE cleared by ADB	Updated IEE submitted to ADB	Updated IEE cleared by ADB	Remarks
34	e-GP/CTCRP/PATU/RD-01	Works	Under preparation	Yes*	Yes*	-	-	*Initial draft shared with ADB and finalized with help of ADB Consultant . For official submission to ADB and disclosure
35	e-GP/CTCRP/PATU/RD-02	Works	Under preparation	Yes*	Yes*	-	-	*Initial draft shared with ADB and finalized with help of ADB Consultant For official submission to ADB and disclosure
36	e-GP/CTCRP/PATU/RD-03	Works	Under preparation	Yes*	Yes*	-	-	*Initial draft shared with ADB and finalized with help of ADB Consultant For official submission to ADB and disclosure
37	e-GP/CTCRP/PATU/R-01	Works	Under preparation	Yes	Yes	-	-	Disclosed



	Package Number	Bid type	Package Status	Draft IEE submitted to ADB	Draft IEE cleared by ADB	Updated IEE submitted to ADB	Updated IEE cleared by ADB	Remarks
38	e-GP/CTCRP/PATU/D R-02	Works	Under preparation	Yes	Yes	-	-	Disclosed
39	e-GP/CTCRP/PATU/D R-03	Works	Under preparation	Yes	Yes	-	-	Disclosed
40	e-GP/CTCRP/KUAK/R D-02	Works	Under preparation	Yes	Yes	-	-	Disclosed
41	e-GP/CTCRP/KUAK/C S-01	Works	Under preparation	Yes	No	-	-	Ongoing ADB review
42	e-GP/CTCRP/KUAK/C S-02	Works	Under preparation	No	No	-	-	Draft IEE to be submitted to ADB
43	e-GP/CTCRP/PAIK/R D-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
44	e-GP/CTCRP/PAIK/R D-02	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
45	e-GP/CTCRP/CHAL/R D-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
46	e-GP/CTCRP/CHAL/R D-02	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
47	e-GP/CTCRP/CHAL/C S-01	Works	Under preparation	Yes*	No	-	-	*Initial draft shared by ADB Consultant on 17 March 2023.  Draft being finalized with help of ADB Environmental Consultant

	Package Number	Bid type	Package Status	Draft IEE submitted to ADB	Draft IEE cleared by ADB	Updated IEE submitted to ADB	Updated IEE cleared by ADB	Remarks
								Once finalized, PMU will officially submit to ADB for clearance and disclosure
48	e-GP/CTCRP/BAGR/RD-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
49	e-GP/CTCRP/BAGR/RD-02	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
50	e-GP/CTCRP/BAGR/DR-01	Works	Under preparation	Yes	Yes	-	-	Disclosed
51	e-GP/CTCRP/BAGR/Waste-01	Works	Under preparation	Yes	Yes			Disclosed
52	e-GP/CTCRP/MORL/RD-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
53	e-GP/CTCRP/MORL/RD-02	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
54	e-GP/CTCRP/MORL/RD-03	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
55	e-GP/CTCRP/MORL/RD-04	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
56	e-GP/CTCRP/KOLA/RD-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB

	Package Number	Bid type	Package Status	Draft IEE submitted to ADB	Draft IEE cleared by ADB	Updated IEE submitted to ADB	Updated IEE cleared by ADB	Remarks
57	e-GP/CTCRP/KOLA/CS-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
58	e-GP/CTCRP/JANJ/RD-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
59	e-GP/CTCRP/JANJ/RD-02	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB
60	e-GP/CTCRP/BHED/RD-01	Works	Under preparation	No	-	-	-	Draft IEE to be submitted to ADB

### C. Status of Disclosure of Safeguard Documents

29. Status of disclosure of safeguard documents presented in the following Table 10. The documents that have been disclosed on ADB website are mentioned in below table.

**Table 10: Status of Disclosure of IEEs**

Package Number	Draft Disclosed on ADB website	Draft Disclosed on Project website	Updated /Final Disclosed on ADB website	Updated /Final Disclosed on Project website
e-GP/CTCRP/BAKR/CS-01	Yes	Yes	-	-
e-GP/CTCRP/MEHN/CS-01	Yes	Yes	-	-
e-GP/CTCRP/JHAL/RD-01	Yes	Yes	-	-
e-GP/CTCRP/JHAL/RD-02	Yes	Yes	-	-
e-GP/CTCRP/JHAL/RD-03	Yes	Yes	-	-
e-GP/CTCRP/JHAL/CS-01	Yes	Yes	-	-
e-GP/CTCRP/LALM/CS-01	Yes	Yes	-	-
e-GP/CTCRP/CHAR/CS-01	Yes	Yes	-	-
e-GP/CTCRP/BORH/CS-01	Yes	Yes	-	-
e-GP/CTCRP/BETA/CS-01	Yes	Yes	-	-
e-GP/CTCRP/JANJ/CS-01	Yes	Yes	-	-
e-GP/CTCRP/PATU/RD-01	Yes	Yes	-	-

Package Number	Draft Disclosed on ADB website	Draft Disclosed on Project website	Updated /Final Disclosed on ADB website	Updated /Final Disclosed on Project website
e-GP/CTCRP/PATU/RD-02	Yes	Yes	-	-
e-GP/CTCRP/PATU/RD-03	Yes	Yes	-	-
e-GP/CTCRP/KUAK/RD-02	Yes	Yes	-	-
e-GP/CTCRP/BAGR/DR-01	Yes	Yes	-	-
e-GP/CTCRP/BAGR/Waste-01	Yes	Yes	-	-

#### D. Safeguards in Bid Documents and Contracts

30. Safeguard provisions will be duly included in the bid documents / contracts. Following Table shows package-wise details.

**Table 11: EHS and Labor Standards Inclusion in Bid Documents and Contracts**

Package Number	Type of Bid / Contract	Bid / Contract Clauses related to environment, health and safety; labour standards	IEE / EMP included in Bid / contract
<b>e-GP/CTCRP/PATU/DR-01</b>	Construction of 15 nos Drain at Patuakhali pourashava Dist. Patuakhali.	EHS clauses included along with attachment of IEE/EMP.	None of the contract awarded yet
<b>e-GP/CTCRP/BAGA/DR-01</b>	Construction of 22 nos Drain at Bagerhat Pourashava Dist.Bagarhat	EHS clauses included along with attachment of IEE/EMP.	

Note: The status is provided up to the period of June 2023

## **VI. STATUS OF EMP IMPLEMENTATION**

### **A. Preparation of Site Environmental Management Plan**

31. Preparation and submission of Site-specific Environmental Management Plan (SEMP) and Health and Safety Plan (HSP) including Health & Safety COVID-19 Plan by contractor and approval of PMU is a requirement prior to commencement of works. However, this is not applicable yet.

### **B. EMP Implementation Supervision and Monitoring**

32. No civil works package has been awarded yet, so this section is not applicable at this stage. Contractors Compliance with Statutory and Contractual Requirements.

33. Since no contractor has been awarded yet, this section is not applicable at this stage.

### **C. Implementation of EMP Measures and Compliance Status**

34. Since no contractor has been awarded yet, this section is not applicable at this stage.

### **D. Findings on EMP Compliance**

35. Pre-construction stage measures. Since no contractor has been awarded yet, this section is not applicable at this stage.

36. Construction stage measures. Since no contractor has been awarded yet, this section is not applicable at this stage.

### **E. IMPLEMENTATION OF HEALTH & SAFETY COVID-19 PLAN**

37. H&S COVID-19 Plan Preparation. Since no contractor has been awarded yet, this section is not applicable at this stage.

38. H&S COVID-19 Plan Implementation. Not applicable.

### **F. Best practices / environment improvement activities**

39. Since no contractor has been awarded yet, no practice is on the ground.

## VII. ENVIRONMENTAL MONITORING

### A. Environmental Quality Monitoring

40. IEE and EMP / SEMR requires conduct of ambient environmental quality monitoring throughout implementation. These includes monitoring ambient air, water, noise, etc., in and around project sites to assess the quality and changes with respect to baseline conditions. Per the EMP and contract, Contractors are responsible to conduct the monitoring. As no contractor has been awarded yet, so such monitoring has not been carried out yet.

41. **Monitoring parameters.** Monitoring parameters will be considered as per the approved IEE and SEMP.

42. **Monitoring Frequency.** Monitoring will be conducted as per the frequency specified in the approved IEE and SEMP.

43. **Monitoring Locations.** Number of locations/sampling points will be followed as per the guidance of approved IEE and SEMP. Location of monitoring/sampling points will be selected based on parameters such as representative locations, meteorological conditions (wind direction), land use, terrain, natural drainage etc.,

## VIII. TRAINING AND CAPACITY BUILDING ACTIVITES

44. No training was conducted on environmental safeguards during reporting period.

## IX. PUBLIC CONSULTATION

45. Public consultation activities continued during the reporting period with the representatives of respective Pourashavas and the ADB TA Consultant as part of preparation of IEE, and details are provided in the below Table. All the consultations are documented, and details are included in **Appendix 1**.

**Table 12: Public Consultation Activities Conducted**

Package No.	Date	Venue	Target group	Number of participants (M/F)	Details (purpose, and main feedback/outcome)
e-GP/CTCRP/MULA/RD-01	07 April 2023	ward no 1, 3, 4, 6 and 7 of Muladi Pourashava	Different type of community people including women	Total: 76 Female: 10 Male: 66	<ul style="list-style-type: none"> <li>Community benefits realized as a result of the road schemes;</li> <li>Resettlement and social issues and mitigation measures according to Resettlement Framework prepared and approved by ADB and government Bangladesh for this project;</li> <li>Generation of construction spoils</li> </ul>

Package No.	Date	Venue	Target group	Number of participants (M/F)	Details (purpose, and main feedback/outcome)
					<p>like debris, gravel, sand, brick cause problem in environment;</p> <ul style="list-style-type: none"> <li>• Participation of local community during the construction phase;</li> <li>• Roles and responsibilities of different stakeholders for realizing desired outcome;</li> <li>• Potential social and economic impacts of the proposed road construction/ improvement;</li> <li>• Awareness of the local community about the proposed road subproject;</li> <li>• Opinion of the local people about its need;</li> <li>• Disseminate information about project implementation.</li> <li>• Community support and participation;</li> <li>• Construction and maintenance of the roads;</li> <li>• Participation of local people for construction and maintenance;</li> <li>• Benefits from these infrastructures establishments by the community Workers Health &amp; Safety; and</li> <li>• Emergency response.</li> </ul>
e-GP/CTCRP/BAKR/RD-01,e-GP/CTCRP/BAKR/RD-02,e-	08-09 April 2023	ward no 1, 7, 8 and 9 of Bakerganj Pourashava	Different type of community people	Total: 62 Female: 9 Male: 53	<ul style="list-style-type: none"> <li>• Resettlement and social issues and mitigation measures according to Resettlement</li> </ul>

Package No.	Date	Venue	Target group	Number of participants (M/F)	Details (purpose, and main feedback/outcome)
GP/CTCRP/BAKR/RD-03)			including women		<p>Framework prepared and approved by ADB and government Bangladesh for this project;</p> <ul style="list-style-type: none"> <li>• Generation of construction spoils like debris, gravel, sand, brick cause problem in environment;</li> <li>• Participation of local community during the construction phase;</li> <li>• Roles and responsibilities of different stakeholders for realizing desired outcome;</li> <li>• Potential social and economic impacts of the proposed road construction/ improvement;</li> <li>• Awareness of the local community about the proposed road subproject;</li> <li>• Opinion of the local people about its need;</li> <li>• Disseminate information about project implementation.</li> <li>• Community support and participation;</li> <li>• Construction and maintenance of the roads;</li> <li>• Participation of local people for construction and maintenance;</li> <li>• Benefits from these infrastructures establishments by the community</li> </ul>



Package No.	Date	Venue	Target group	Number of participants (M/F)	Details (purpose, and main feedback/outcome)
					Workers Health & Safety; and <ul style="list-style-type: none"> <li>Emergency response.</li> </ul>
e-GP/CTCRP/KUA/CS-02	10 April 2023	Kuakata Mirabari (Islampur) Dakhil Madrasha	Different type of community people including women	Total: 22 Female: 3 Male: 19	<ul style="list-style-type: none"> <li>Opinions of local people for construction of cyclone shelter at this place;</li> <li>Ownership of land and conditions for offering land for cyclone shelter</li> <li>Resettlement and Environmental issues</li> <li>Support of local community for constructions and maintenance;</li> </ul>

## PHOTOS OF CONSULTATION

### Photos of consultation at Muladi Road Package area



### Photos of consultation at Bakerganj Road Package area







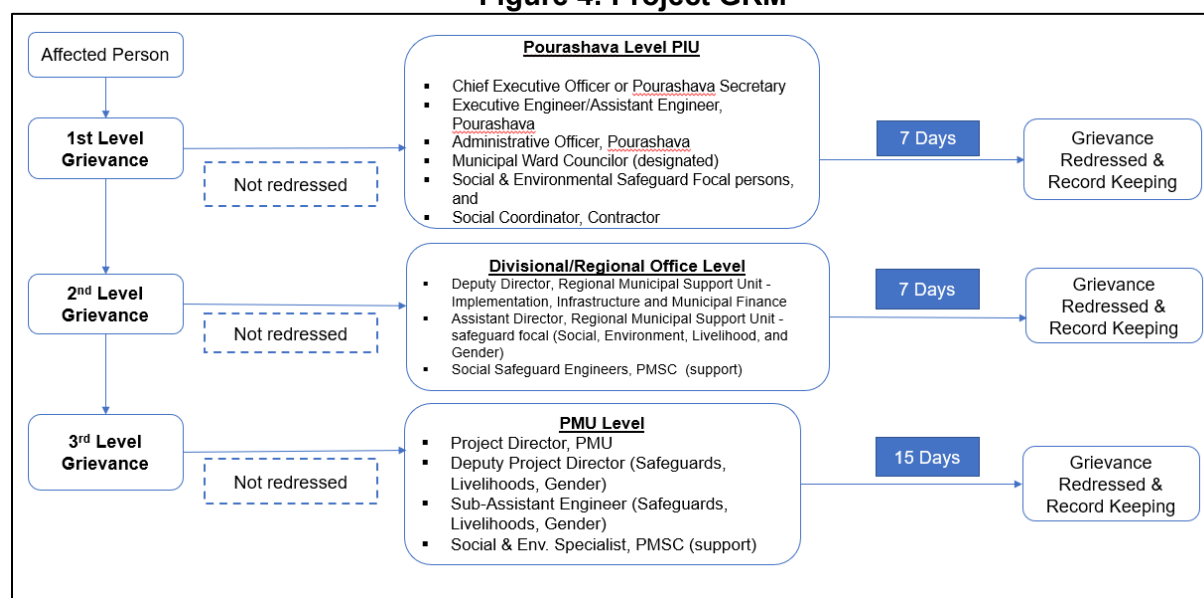
**Photos of consultation at Kuakata Kuakata Mirabari (Islampur) Dakhil Madrasha Cyclone Shelter (2) site**



## **X. GRIEVANCE REDRESS**

### **A. Grievance Redress Mechanism**

46. A Project-specific grievance redress mechanism (GRM) is suggested by the IEEs that needs to be established to voice and resolve social and environmental concerns linked with the project. Project GRM is presented in the following Figure. Accordingly, responsibilities will be allocated to project agencies, consultants and contractors, and grievance redress committee (GRC) (s) to be established at subproject/town level or project level. No GRC has been formed at project level yet. GRM will be in established before start of construction.

**Figure 4: Project GRM**

## B. Complaints Received during Reporting Period

47. As no contract has been awarded and no construction has been started, there is no complaint.

## C. GRC Meetings

48. Not applicable yet.

# XI. FINDINGS, KEY ISSUES & REMEDIAL MEASURES

## A. Findings

49. This Semi-annual Environmental Monitoring Report (SEMR) for the period of January 2023 to June 2023 is prepared as per the ADB SPS requirements. This SEMR described progress with the implementation of the safeguards' requirements, and compliance status. This is the first SEMR prepared for this CTCRP. Project includes 60 different packages. At the end of this report period (June 2023), no packages are awarded, but they are in preparation stage. Findings of this SEMR are presented in the following table along with key issues and further actions.

**Table 13: Findings and Key Issues**

Monitoring aspect	Findings & Key issues	Further Actions/Remedial/Corrective Actions/Measures/Remarks
Availability safeguards personnel (PMU, PIU, Consultants)	No Environmental Safeguard staff is engaged except for the Environmental Safeguard Focal at the PMU level.	Per PAM, environmental staff at PMU, Regional/Divisional Office, and PIU (Pourashava level) need to be engaged before loan effectiveness or award of contract, whichever is earlier:

Monitoring aspect	Findings & Key issues	Further Actions/Remedial/Corrective Actions/Measures/Remarks
		<p>-D/RO Environmental Safeguards Focal (Khulna and Barishal),</p> <p>-PIU Environmental Safeguards Focals (For all Pourshavas)</p> <p>PMSC and DDSC Environmental Safeguards staff to be engaged during detailed design stage/before award of contracts.</p> <p>-PMSC PMU Level Support (Environmental Specialist and Heritage/Archaeological Expert)</p> <p>-PMSC D/RO- and PIU-Level Support (Safeguard Engineers)</p> <p>-DDSC Environmental Expert and Heritage/Archaeological Expert</p>
Compliance with statutory requirements (clearance / permissions etc.,)	Will be complied. PMU has yet to obtain ECC from DOE	<p>ECC application to be submitted to DOE; and</p> <p>ECC to be obtained prior to award of civil works contracts</p>
Compliance with ADB loan covenants	Being complied	-
Compliance with preparation, approval, disclosure of draft IEEs	Being complied	-
Compliance with preparation, approval, disclosure of updated/final IEEs	Will be complied	Draft IEEs will be updated based on final/detailed designs and will be submitted to ADB for review, clearance, and disclosure before issuance of bid/before award of contract/before start of construction
Contractor compliance with preconstruction requirements	Will be complied	-
EMP implementation, monitoring, reporting	Will be complied	-

Monitoring aspect	Findings & Key issues	Further Actions/Remedial/Corrective Actions/Measures/Remarks
Implementation of COVID19 health and safety measures	Will be complied	-
Training and capacity building activities	Will be complied	PMU, D/RO, Consultants will need to ensure that they are fully aware about the requirements of ADB SPS 2009 and make sure that PIUs and contractors receive training before commencement of their works
Public consultation	Complied	-
GRM establishment and GRC formation	A Project level GRM is not yet established and publicly notified, and GRC is yet to be formed.	GRM to be established and notified publicly, and GRC to be formed prior to start of works.

## B. Further Actions

50. The following are further actions to be undertaken to ensure the project's compliance with ADB SPS.

**Table 14: Further Actions**

Issue/Concern	Proposed Further Actions/Remedial/Corrective Actions/Measures	Responsibility of implementation	Target date	Remarks
Availability safeguards personnel (PMU, D/RO, PIU, Consultants)	Environmental staff need to be engaged:  D/RO Environmental Safeguards Focal (Khulna and Barishal),  PIU Environmental Safeguards Focals (For all Pourshavas)  PMSC PMU Level Support (Environmental Specialist and Heritage/Archaeological Expert)  PMSC D/RO- and PIU-Level Support (Safeguard Engineers)  DDSC Environmental Expert and	PMU	All PMU/PIU/PMSC/DDSC Environmental Safeguards Staff to be mobilized before award of any contract:  All PMU/PIUs environmental safeguards staff to be nominated by 31 December 2023  All the PMSC and DDSC environmental safeguards staff to be recruited by 31 March 2024	Pourashava level and Regional level Environmental focal persons will be supporting in preparation of relevant documents and supervise Environmental and Social (E&S) activities.

Issue/Concern	Proposed Further Actions/Remedial/ Corrective Actions/Measures	Responsibility of implementation	Target date	Remarks
	Heritage/Archaeological Expert			
Compliance with statutory requirements (clearance / permissions etc.,)	ECC application to be submitted to DOE and  ECC to be obtained prior to award of civil works contracts	PMU	Application to be submitted by 30 November 2023; and ECC to be obtained by 31 December 2023 (before award of civil works packages)	-
Preparation and submission to ADB of Updated IEEs	Prepare and submit updated IEEs based on final/detailed design for ADB's review, clearance, and disclosure	PMU, Consultants	Prior to invitation of bids/award of contract/start of works	-
GRM Establishment and Notification and GRC formation	A Project level GRM and GRC needs to be formed prior to any construction works	PMU	31 December 2023	GRC to be formed with proper procedure (e.g., defining roles and responsibilities , issuing office order for GRC)
Training on SPS 2009 requirements of Project	PMU, D/RO, Consultants will need to ensure that they are fully aware about the requirements of ADB SPS 2009 and make sure that PIUs and contractors receive training before commencement of their works.	PMU, D/RO, Consultants	Before commencement of construction works.	-

## **Appendix 1: Details of Consultations Conducted**

### **Consultation at Muladi Road Package Area:**

As part of the impact assessment, the consultants conducted focus group discussion with selected group during feasibility stage. However, Pourashava representatives and ADB TA Consultant (Environmental Specialist) conducted four FGDs for preparation of this IEE. Focus groups are useful in obtaining a particular kind of information that would be difficult to obtain using other methodologies. Further FGDs by Pourashava representatives and ADB TA Consultant (Environmental Specialist) were conducted for the Muladi Pourasava Road network on April 07, 2023 at the ward no 1, 3, 4, 6 and 7. A total of 76 participants attended the FGDs. Out of them, 10 were female and 66 were male. The objective of the FGD's was to further appraise the stakeholders about the current progress of the subproject and to reiterate environmental and social impacts of the proposed subproject and safeguards to mitigate the same. Comments or questions raised by the group were discussed until they were satisfied with the level of information provided.

Key issues discussed were similar to those already voiced during the community consultation meetings and included:

- (i) Community benefits realized as a result of the road schemes;
- (ii) Resettlement and social issues and mitigation measures according to Resettlement Framework prepared and approved by ADB and government Bangladesh for this project;
- (iii) Generation of construction spoils like debris, gravel, sand, brick cause problem in environment;
- (iv) Participation of local community during the construction phase;
- (v) Roles and responsibilities of different stakeholders for realizing desired outcome;
- (vi) Potential social and economic impacts of the proposed road construction/improvement;
- (vii) Awareness of the local community about the proposed road subproject;
- (viii) Opinion of the local people about its need;
- (ix) Disseminate information about project implementation.
- (x) Community support and participation;
- (xi) Construction and maintenance of the roads;
- (xii) Participation of local people for construction and maintenance;
- (xiii) Benefits from these infrastructures establishments by the community Workers Health & Safety; and
- (xiv) Emergency response.

### **Summary of discussion:**

Condition of the road network is poor, broken, narrow, low-lying and flood prone, and inconvenient for smooth traffic flow. Local people expressed their deep interest for development of the selected road under the Project. The people appreciated ADB's Resettlement Policy for eligibility criteria, entitlement for compensation and resettlement assistance, as well as the provisions of the approved Resettlement Framework for the project.

Proper improvement/development of the road infrastructures for smooth transport network is their critical needs and also long cherished desire. That is why; local people expressed their deepest interest for development of the selected roads under the sub-project.



The road schemes will improve socio-economic-physical conditions of the local people through creating more opportunity of income, employment, environmental improvement, smooth transportation system as well as exploiting local resources for boosting local productions.

Concern was raised about jobs. Priority for jobs should also be given to those who will have any negative impact due to the project. Both men and women shall be considered with equal opportunity.

It was communicated by the project consultants to the participants that any damages caused to the secondary structures eg. boundary wall, stairs, ramps will be reconstructed and repaired by the contractors.

During construction, construction spoils including debris, gravel, sand, bricks and cement shall be disposed of properly. Vigilance against undue water logging and/or water pooling within the area for the purpose, or as a result of, the construction methods, shall be made by the Contractor in avoiding places of mosquito breeding.

Regular removal of trash and general waste generated during the course of the construction and operational stage.

The participants welcome the project activities that will make their life comfortable. Example was also revealed that some of the households even are not getting good proposal for marriage of their sons/daughters because of the current bad condition of the roads in many places. However, participants were aware that some of the bad environmental consequences ( e.g., noise, dust, construction debris, community H&S concerns) will arise for the construction activities. They expect that the project will address these issues by ensuring proper scheduling and adequate mitigation measures.

## Attached Attendance Sheet of FGD

**Coastal Towns Climate Resilience Project (CTCRP)**  
**Local Government Engineering Department (LGED)**

Name of the Pourashava: Muladi Ward: 06

Date: 08/04/2023

SL NO	Name	Mobile Number	Signature
1	শ্রীমান হোসেন হুদা		
2	শ্রী: ইলিয়াস খান		
3	ইউসুফ খান		
4	শ্রী: তাসীম উল-হাসনা		
5	রামকৃষ্ণ কবির		
6	শ্রী: জামিল হোসেন		
7	শ্রী: বাহাদুর		
8	শ্রী: দুলাল হা		
9	শ্রী: হারুন উদ্দিন মিয়া		
10	জাহিদুল		
11	শ্রী: জি হ		
12	শ্রী: হোসেন হোসেন		
13	শ্রী: হোসেন মিয়া		
14	শ্রী: হোসেন হোসেন		
15	শ্রী: হোসেন হোসেন		
16	শ্রী: হোসেন হোসেন		
17	শ্রী: জি হ		
18	শ্রী: হোসেন হোসেন		
19	শ্রী: হোসেন হোসেন		
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ଜାହାଜ	ଜାହାଜ
ଆଖି	ଆଖି

## Coastal Towns Climate Resilience Project (CTCRP)

## Local Government Engineering Department (LGED)

Name of the Pourashava: Mukdi

Ward: 03 &amp; 04

Date: 08/04/2023

SL NO	Name	Mobile Number	Signature
1	শ্রী		
2	সিদ্দিক		সিদ্দিক
3	মাকী কামাল		মাকী কামাল
4	মাকী কামাল		মাকী কামাল
5	মাকী কামাল		মাকী কামাল
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22	মাকী কামাল		মাকী কামাল



## Coastal Towns Climate Resilience Project (CTCRP)

Local Government Engineering Department (LGED)

Name of the Pourashava: Muladi

Ward: 06 of 07

Date: 08/04/2023

SL NO	Name	Mobile Number	Signature
1	আব্দুল হক		আব্দুল হক
2	আব্দুল হক		আব্দুল হক
3	আব্দুল হক		আব্দুল হক
4	আব্দুল হক		আব্দুল হক
5	আব্দুল হক		আব্দুল হক
6	আব্দুল হক		আব্দুল হক
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13	আব্দুল হক		আব্দুল হক
14	আব্দুল হক		আব্দুল হক
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## Coastal Towns Climate Resilience Project (CTCRP)

## Local Government Engineering Department (LGED)

Name of the Pourashava: Maladin

Ward: 01

Date: ০৪/০৫/২০২৩

SL NO	Name	Mobile Number	Signature
1	কোমল	৯৬২১৬৪২৮	কোমল
2	আঃ মাকসুদ আলী		৬৩৮
3	ফিরোজ আলী		ফিরোজ
4	ইমরান হোসেন		৯৬২৮৮
5	মোঃ মাহমুদ		৯৬২ ৮৮৮
6	আব্দুল		৯৬২ ৮৮৮
7	আব্দুল হক		৯৬২ ৮৮৮
8	আঃ মাকসুদ		আঃ মাকসুদ
9	ফারুক আলী		ফারুক
10	মাহমুদ		মাহমুদ
11	ইমরান হোসেন		Imran
12	আব্দুল মালিক		আব্দুল মালিক
13	আঃ মোল্লাহ আলী		৯৬২ আব্দুল
14	মোঃ কবির হোসেন		কবির
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### **Consultation at Bakerganj Road Package Area:**

As part of the impact assessment, the consultants conducted focus group discussion with selected group during feasibility stage. However, Pourashava representatives and ADB TA Consultant (Environmental Specialist) conducted three FGDs for preparation of this IEE. Focus groups are useful in obtaining a particular kind of information that would be difficult to obtain using other methodologies. Further FGDs were conducted for the Bakerganj Pourashava Road network on April 08-09, 2023 at the ward no 1, 7, 8 and 9 with 62 local people (Male-53 and Female-9). The objective of the FGD's was to further appraise the stakeholders about the current progress of the subproject and to reiterate environmental and social impacts of the proposed subproject and safeguards to mitigate the same. Comments or questions raised by the group were discussed until they were satisfied with the level of information provided.

Key issues discussed were similar to those already voiced during the community consultation meetings and included:

- (i) Community benefits realized as a result of the road schemes;
- (ii) Resettlement and social issues and mitigation measures according to Resettlement Framework prepared and approved by ADB and government Bangladesh for this project;
- (iii) Generation of construction spoils like debris, gravel, sand, brick cause problem in environment;
- (iv) Participation of local community during the construction phase;
- (v) Roles and responsibilities of different stakeholders for realizing desired outcome;
- (vi) Potential social and economic impacts of the proposed road construction/ improvement;
- (vii) Awareness of the local community about the proposed road subproject;
- (viii) Opinion of the local people about its need;
- (ix) Disseminate information about project implementation.
- (x) Community support and participation;
- (xi) Construction and maintenance of the roads;
- (xii) Participation of local people for construction and maintenance;
- (xiii) Benefits from these infrastructures establishments by the community Workers Health & Safety; and
- (xiv) Emergency response.

### **Summary of discussion:**

Condition of the road network is poor, broken, narrow, low-lying and flood prone, and inconvenient for smooth traffic flow. Local people expressed their deep interest for development of the selected road under the Project. The people appreciated ADB's Resettlement Policy for eligibility criteria, entitlement for compensation and resettlement assistance, as well as the provisions of the approved Resettlement Framework for the project.

Proper improvement/development of the road infrastructures for smooth transport network is their critical needs and also long cherished desire. That is why; local people expressed their deepest interest for development of the selected roads under the sub-project.

The road schemes will improve socio-economic-physical conditions of the local people through creating more opportunity of income, employment, environmental improvement, smooth transportation system as well as exploiting local resources for boosting local productions.

Concern was raised about jobs. Priority for jobs should also be given to those who will have any negative impact due to the project. Both men and women shall be considered with equal opportunity

It was communicated by the project consultants to the participants that any damages caused to the secondary structures eg. boundary wall, stairs, ramps will be reconstructed and repaired by the contractors.

During construction, construction spoils including debris, gravel, sand, bricks and cement shall be disposed of properly. Vigilance against undue water logging and/or water pooling within the area for the purpose, or as a result of, the construction methods, shall be made by the Contractor in avoiding places of mosquito breeding.

Regular removal of trash and general waste generated during the course of the construction and operational stage.

The participants of the FGDs are happy with the project as that will ease their communication. Many of the participants stressed that the highest flood level will need to consider as many of the existing roads get inundated by floods. The participants mentioned some of the impacts ( e.g., disruption to mobility, noise, dust, construction debris, community H&S concerns)that may be faced because of the construction activities. They expect that the project will address these issues by ensuring proper scheduling and adequate mitigation measures including alternative diversion roads where possible.



## Attached Attendance Sheet of FGD

## Coastal Towns Climate Resilience Project (CTCRP)

Local Government Engineering Department (LGED) RD 02

Name of the Pourashava: Bakergang pourashava Ward: 01

Date: 9.4.2023

SL NO	Name	Mobile Number	Signature
1	স্বাঃ আব্দুল হক		
2	স্বাঃ জিহাদ হুসাইন		
3	স্বাঃ হান্নান আল		
4	স্বাঃ আব্দুল মান্নান হুসাইন		56 আব্দুল মান্নান
5	স্বাঃ হুমায়ূন হুসাইন		হুমায়ূন
6	স্বাঃ কেডোয়ানি হাঃ		রাহাত
7	স্বাঃ রাহাত খান		রাহাত
8	স্বাঃ জাহিদ হুসাইন		জাহিদ
9	স্বাঃ জাহিদ হুসাইন		জাহিদ
10	স্বাঃ জাহিদ হুসাইন		জাহিদ
11	স্বাঃ জাহিদ হুসাইন		জাহিদ
12	স্বাঃ জাহিদ হুসাইন		জাহিদ
13	স্বাঃ জাহিদ হুসাইন		জাহিদ
14	স্বাঃ জাহিদ হুসাইন		জাহিদ
15	স্বাঃ জাহিদ হুসাইন		জাহিদ
16	স্বাঃ জাহিদ হুসাইন		জাহিদ
17	স্বাঃ জাহিদ হুসাইন		জাহিদ
18	স্বাঃ জাহিদ হুসাইন		জাহিদ
19	স্বাঃ জাহিদ হুসাইন		জাহিদ
20	স্বাঃ জাহিদ হুসাইন		জাহিদ
21	স্বাঃ জাহিদ হুসাইন		জাহিদ
22	স্বাঃ জাহিদ হুসাইন		জাহিদ

২৩ | স্বাঃ জাহিদ হুসাইন

## Coastal Towns Climate Resilience Project (CTCRP)

## Local Government Engineering Department (LGED)

Name of the Pourashava: পাটকাড়া (পৌরসভা) Ward: ৬-৪, পটকাড়া ০১Date: ৩/৪/২০২০

SL NO	Name	Mobile Number	Signature
1	মোঃ হুমায়ুন কবীর		মোঃ হুমায়ুন কবীর
2	মোঃ আরিফুল হোসেন		আরিফুল
3	ফাতেমা বেগম		ফাতেমা
4	মিনিরিমা বেগম		মিনিরিমা
5	মুহিনুর বেগম		মুহিনুর
6	মাহিনুর বেগম		মাহিনুর
7	রুজভা বেগম		রুজভা
8	মোঃ মোহাম্মদ হুমায়ুন		মোঃ মোহাম্মদ হুমায়ুন
9	মোঃ যাকার হোসেন		মোঃ যাকার হোসেন
10	মোঃ শাহীন শাহাদাত		শাহীন
11	মোঃ মাহমুদ হুমায়ুন		মোঃ মাহমুদ হুমায়ুন
12	মোঃ ফাহিম হোসেন		ফাহিম হোসেন
13	মোঃ হুমায়ুন কবীর		মোঃ হুমায়ুন কবীর
14	মোঃ হুমায়ুন কবীর		মোঃ হুমায়ুন কবীর
15	মোঃ হুমায়ুন কবীর		মোঃ হুমায়ুন কবীর
16	মোঃ হুমায়ুন কবীর		মোঃ হুমায়ুন কবীর
17	মোঃ হুমায়ুন কবীর		মোঃ হুমায়ুন কবীর
18	মোঃ হুমায়ুন কবীর		মোঃ হুমায়ুন কবীর
19	মোঃ হুমায়ুন কবীর		মোঃ হুমায়ুন কবীর
20	মোঃ হুমায়ুন কবীর		মোঃ হুমায়ুন কবীর
21	মোঃ হুমায়ুন কবীর		মোঃ হুমায়ুন কবীর
22	মোঃ হুমায়ুন কবীর		মোঃ হুমায়ুন কবীর

## Coastal Towns Climate Resilience Project (CTCRP) RD 03

## Local Government Engineering Department (LGED)

Name of the Pourashava: Dakergong pourashava Ward: 07/08/09Date: 09, 04, 2023

SL NO	Name	Mobile Number	Signature
1	শ্রীমতী বিজয়া		Amrita
2	শ্রীমতী কুমারী সোমসুন্দরী		Shamunda
3	আঃ ২৭২		A-27
4	আঃ হাফিজ		আঃ মাসুদ
5	শ্রীমতী হুমায়ুন		Shamunda
6	শ্রীমতী বিজয়া		Amrita
7	শ্রীমতী সত্যজিৎ		Shamunda
8	শ্রীমতী সত্যজিৎ		Shamunda
9	শ্রীমতী সত্যজিৎ		Shamunda
10	শ্রীমতী সত্যজিৎ		Shamunda
11	শ্রীমতী সত্যজিৎ		Shamunda
12	শ্রীমতী সত্যজিৎ		Shamunda
13	শ্রীমতী সত্যজিৎ		Shamunda
14	শ্রীমতী সত্যজিৎ		Shamunda
15	শ্রীমতী সত্যজিৎ		Shamunda
16	শ্রীমতী সত্যজিৎ		Shamunda
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**Consultation at Kuakata Cyclone Shelter 2 Area (Kuakata Kuakata Mirabari (Islampur)  
Dakhil Madrasha):**

Name of the component: **Cyclone Shelter**

Location: **Kuakata Mirabari (Islampur) Dakhil Madrasha premises, Ward No. 03**

Number of Participants=**22 (Male- 19 and Female- 03)**

Date: **April 10, 2023**

Time: **10.30 am**

Conducted by: **Pourashava representatives, A. K. M. Rezaul Haque Khan- Environmental Specialist (ADB TA National Consultant )**

**Issues discussed**

- Opinions of local people for construction of cyclone shelter at this place;
- Ownership of land and conditions for offering land for cyclone shelter
- Resettlement and Environmental issues
- Support of local community for constructions and maintenance;

**Summary of FGD**

The community people, representatives and concerned officials of the Pourashava are quite aware about CTCRP and Cyclone Shelters to be constructed under this project. During the preparation of the IEE FGD was conducted where community people, Madrasha authorities, Pourashava Mayor, Purashava Assistant Engineer etc. attended the FGD.

The cyclone shelter will be constructed on the Madrasha land. This land is free for construction except a semi-pacca building, a few trees. The Pourashava & Madrasha management will replant trees for environmental protection.

The Madrasha management and students expressed their great interest to build up this proposed cyclone shelter in this land, because they will use it as classroom in most of the time except disaster period.

The local people male and women equally interested in construction of the cyclone shelter at this place. During disaster people will have easy access to this shelter. The community as a whole will support construction of cyclone shelter and provide maintenance service on.

# Attendance Sheet for FGD

## Coastal Towns Climate Resilience Project (CTCRP)

### Local Government Engineering Department (LGED)

Name of the Pourashava: Khekalda

Ward: 03

Date: 10-09-2023

SL NO	Name	Mobile Number	Signature
1	Anowar Howlader	01710038666	
2	আব্দুল হান্নান শাহাদাত	01926392290	
3	কাজী আবদুল হান্নান	01916782499	
4	কাজী আব্দুল হান্নান —	01715911363	
5	কাজী রুহায়েল —	01739416403	
6	কাজী রুহায়েল —	01776015444	
7	কাজী আব্দুল হান্নান —	0195127286	
8	কাজী আব্দুল হান্নান —	01781963339	
9	হুমায়ূন (মঃ) —	01724731246	
10	কাজী আব্দুল হান্নান —	01727657160	
11	কাজী আব্দুল হান্নান —	0173955674	
12	কাজী হুমায়ূন —	01728430440	
13	কাজী আব্দুল হান্নান —	01617074879	
14	কাজী আব্দুল হান্নান —	0172877173	
15	কাজী আব্দুল হান্নান —	01747657864	
16	হুমায়ূন (মঃ) —	01703094446	
17	কাজী আব্দুল হান্নান —	01907295526	
18	কাজী আব্দুল হান্নান —	01724955165	
19	কাজী আব্দুল হান্নান —	01724995221	
20	কাজী আব্দুল হান্নান —	01802830637	
21	কাজী আব্দুল হান্নান —	01752117050	
22	কাজী আব্দুল হান্নান —	01727075784	

### Summary of Public Consultation

Key issues raised by the participants	Response by Project Proponent
What is the construction plan of the proposed cyclone shelters	It will be three storied building with required facilities for women and children
Who will be responsible for construction and operations	Pourashava will execute the construction work and Madrasa authority will be responsible for operation and maintenance of the proposed cyclone shelter.
How will Pourashava support cost for major maintenance	This is the responsibility of the Pourashava to manage required fund for repair and maintenance, as well as logistics during disaster period for realizing development objective of this project.
What will be the criteria for labour recruitment during construction?	This largely depends on the types of job and will be assessed on a case-to-case basis by the contractor according to needs.
Happy for this project, as it comes to solve the problem of shelter during storms	Accepted thankfully.
How does this project help vulnerable people, people with disabilities?	The layout has provided separate space for male, female and pregnant women including separate toilet. Ramp access to ground floor is provided to take care of people with disabilities.
Priority for jobs should also consider women; women can do the same work.	Priority will include women and there will not be any discrimination in daily wages.
Raised the issue of employment, he suggested that the local people should be the first ones to be employed in the project.	The consultant team explained that local people will be employed accordingly to job requirement.
Wishes to speed up the project	It was explained that implementation will take place immediately after the rainy season after getting all necessary clearance from the authority.
The construction creates lot of dust and noise, is there any increase anticipated.	The increase in dust and noise at construction site will be mitigated by the contractor through project IEE. It was suggested to carry out construction activities that may generate high noise during class off time.
Other Environmental concerns	The participants mentioned that a cyclone shelter is very much needed at their community due to their vulnerability for climatic events like cyclone, storm surges. They are aware that some temporary impacts will be faced for the construction activities but that will be localized and not on community as there is no nearby residences.