

Public Disclosure Authorized

Environmental and Social Commitment Plan For Gas Sector Efficiency Improvement and Decarbonization Project

Project ID no: 179009

Prepared by:

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&
Ministry of Power, Energy & Mineral Resource, Bangladesh (MoPEMR)

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Gas Sector Efficiency Improvement and Decarbonization Project

ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN

1. The Government of People’s Republic of Bangladesh (GoB) (the **Borrower**) will implement the Gas Sector Efficiency Improvement and Decarbonization Project (the **Project**), with the involvement of the implementing agencies; Titas Gas Transmission and Distribution Company Limited (TGTDC) and Pashchimanchal Gas Company Limited (PGCL) under Ministry of Power, Energy and Mineral Resource (MoPEMR), Energy and Mineral Resources Division (EMRD) and Bangladesh Oil, Gas & Mineral Corporation (Petrobangla). The World Bank (the **Association**) has agreed to provide financing for the Project as set out in the referred agreement(s).
2. The Borrower shall ensure that the Project is carried out in accordance with the Environmental and Social Standards (**ESSs**) and this Environmental and Social Commitment Plan (ESCP), in a manner acceptable to the Association. The ESCP is a part of the Financing Agreement. Unless otherwise defined in this ESCP, capitalized terms used in this ESCP have the meanings ascribed to them in the referred agreement(s).
3. Without limitation to the foregoing, this ESCP sets out material measures and actions that the Borrower shall carry out or cause to be carried out, including, as applicable, the timeframes of the actions and measures, institutional, staffing, training, monitoring, and reporting arrangements, and grievance management. The ESCP also sets out the environmental and social (E&S) instruments that shall be adopted and implemented under the Project, all of which shall be subject to prior consultation and disclosure, consistent with the ESS, and in form and substance, and in a manner acceptable to the World Bank. Once adopted, said E&S instruments may be revised from time to time with prior written agreement by the World Bank.
4. As agreed by the World Bank and the Borrower, this ESCP will be revised from time to time if necessary, during Project implementation, to reflect adaptive management of Project changes and unforeseen circumstances or in response to Project performance. In such circumstances, the Borrower through TGTDC and PGCL under MoPEMR, Energy and Mineral Resources Division (EMRD) and Petrobangla and the World Bank agree to update the ESCP to reflect these changes through an exchange of letters signed between the World Bank and the Borrower [Chairman] of Petrobangla] and managing Director of [TGTDC, PGCL . The Borrower shall promptly disclose the updated ESCP.

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBILITY/AUTHORITY
MONITORING AND REPORTING			
A	<p>REGULAR REPORTING</p> <p>Prepare and submit to the Bank regular monitoring reports on the environmental, social, health and safety (ESHS) performance of the Project, including but not limited to the implementation of the ESCP and status of preparation and implementation of ES documents. The format will be agreed by 1st Implementation Support Mission</p>	Every six months during the Project's implementation.	TGTDCL,PGCL (Implementing Agencies)
B	<p>INCIDENTS AND ACCIDENTS</p> <p>Promptly notify the Bank of any incident or accident related to the Project which has, or is likely to have, a significant adverse effect on the environment, the affected communities, the public or workers including accidents that could result in fatalities, injuries, cases of GBV/SEA/SH, concerns of COVID-19 infections, serious mismanagement in handling waste, security breach, etc., provide sufficient details regarding the incident or accident, indicating immediate measures taken or that are planned to be taken to address it, and any information provided by any contractor and supervising entity, as appropriate. Subsequently, as per the Bank's request, prepare a report on the incident or accident and propose any measures to prevent its recurrence.</p>	Initially notify the Association within 24 hours of learning of the incident or accident. A detailed report will be provided within 96 hours including classification of incident. Carryout Root Cause Analysis (RCA) within 10 (ten) calendar days of the incidence. Develop Safeguard Corrective Action Plan (SCAP) and after approval from WB implement the same.	TGTDCL,PGCL
C.	<p>CONTRACTORS REPORTS</p> <p>Prepare and submit monthly reports based on the contractors' monthly reports.</p> <p>Details will include status on:</p> <ol style="list-style-type: none"> 1. Contractor's implementation workplan following the ESCoP 2. Status on actions indicated in the Labor Management Procedure 3. ESHS incidents & supervision 4. Usage of Personal Protective Equipment (PPE) such as hard hats, safety shoes and safety vests by workers 	Monthly throughout project implementation to PIU;	TGTDCL and PGCL through Contractor.

	<p>5. Safety at work sites like providing traffic signage, barriers/delineator, management of traffic, drainage and pliable road surface etc.</p> <p>6. Training conducted, and worker's participation</p> <p>7. Functioning of GRM relating to labor aspects, including summary details of Workers grievances or any Grievances related to contractor's work.</p>		
ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS			
1.1	<p>ORGANIZATIONAL STRUCTURE</p> <p>Each Implementing Agency (PGCL, TGTDCCL) will have their own Environmental and Social Specialist (E&S). The Specialists must have experience working on Gender, GBV and related issues. The E&S Specialist will be responsible for implementing the SEP, LMP and ESCoP.</p>	Recruitment process will be completed within three months of project effectiveness and the inhouse capacity with the help of internal ES focal of each IA will support during the interim period.	TGTDCCL,PGCL
1.2	<p>ENVIRONMENTAL AND SOCIAL ASSESSMENT</p> <p>a. Screening the environmental and social risks and impacts including SEA/SH risks of prior to installation of each prepaid meter, in accordance with the with the ESCOP Guidelines for the proposed project.</p> <p>b. Follow and implement the measures in accordance with the ESCOP or other instruments required for the respective Project activities based on the assessment process, in accordance with the ESSs, and other relevant Good International Industry Practice (GIIP) including relevant WHO Guidelines on COVID-19 response, in a manner acceptable to the Association.</p> <p>c. Prepare and disclose E&S related documents if warranted from screening outcomes</p>	<ul style="list-style-type: none"> • Before the carrying out of the relevant Project activities, and thereafter throughout the carrying out of such activities. 	TGTDCCL,PGCL
1.3	MANAGEMENT TOOLS AND INSTRUMENTS	During detailed design and throughout the carrying out of such activities.	TGTDCCL,PGCL

	Screen all project activities in accordance with the ESCoP, SEP, LMP prepared for the Project, and, thereafter, depending on the Screening outcome, prepare, adopt, disclose, and implement the project specific plans (if warrant the screening outcomes): Waste Management Plan (including e-waste management), OHS Plan, Community Health and Safety Plan, and COVID-19 SOP.		
1.4	<p>MANAGEMENT OF CONTRACTORS</p> <p>Incorporate the relevant aspects of the ESCP, including the relevant E&S documents and/or plans, ESCoP and the LMP, into the Environmental, Social, Health and Safety (ESHS) specifications of the respective procurement documents with contractors. Thereafter, ensure that the contractors comply with the ESHS specifications of their respective contracts.</p> <p>Bidding documents and contracts to include relevant measures, including written Codes of Conduct to mitigate GBV/SEA-SH, incorporate other relevant Good International Industry Practice (GIIP) including relevant WHO Guidelines on COVID-19 and other communicable diseases risks with respect to its workers and surrounding communities.</p>	<p>During Bid document preparation</p> <p>Prior to commencement of (Installation of Prepaid Gas Meter, Build up a SCADA communication System, Develop a GIS database framework)</p>	TGTDCL,PGCL
ESS 2: LABOR AND WORKING CONDITIONS			
2.1	<p>LABOR MANAGEMENT:</p> <p>Implement Project in accordance with the applicable requirements of ESS2 and the project specific LMP, in a manner acceptable to the Association, including through, inter alia, implementing adequate OHS measures (including COVID-19 response measures), provision of training on handling emergency situation especially health related issues and accidents, provision of Code of Conduct signing and GBV/SEA/SH training by all workers; and setting out grievance arrangements for project workers, and incorporating labor requirements in the procurement documents and contracts with contractors and consultants. Ensure that child labor (any person</p>	<p>During preparation of bidding documents and maintained throughout Project implementation.</p>	TGTDCL,PGCL

	<p>under the age of 18), forced labor and trafficked persons are not employed under works contracts.</p> <p>Ensure that necessary conditions are included in the bidding documents to comply with the provisions set out in the LMP</p>		
2.2	<p>GRIEVANCE REDRESS MECHANISM (GRM) FOR PROJECT WORKERS</p> <p>Establish, maintain, and operate a Grievance Redress Mechanism (GRM) for Project workers, as described in the LMP and consistent with ESS2. The GRM should also be designed to address labor related GBV/SEA/SH issues including provision of a referral system. Other than GRM at works site, a responsive system will be in place at all the PIUs.</p>	GRM for the workers will be established before commencement of Project activities and it will remain operational throughout Project implementation.	TGTDCL,PGCL and Contractors
2.3	<p>OCCUPATIONAL HEALTH AND SAFETY (OHS) MEASURES</p> <p>Prepare, adopt, and implement occupational, health and safety (OHS) measures including health protocol in response to the COVID-19 and other communicable diseases as specified in the LMP and ESCoP.</p>	throughout Project implementation.	TGTDCL,PGCL and contractors;

ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT

3.1	<p>RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT:</p> <p>Prepare and implement a Waste Management Plan (WMP), consistent with ESS3 and as specified in the ESCOP. Incorporate resource efficiency and pollution prevention and management measures to be prepared under the WMP</p>	throughout project implementation	TGTDCL,PGCL and contractors;
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ESS 4: COMMUNITY HEALTH AND SAFETY

4.1	<p>Put measures in place to prevent or minimize the spread of the infectious diseases/COVID-19 to the community and among workers/labor camps by following national and WHO guidelines of social distancing and other measures. Adopt and implement measures and actions to assess and manage traffic and community safety risks during the project activities</p> <p>Ensure the avoidance of all forms of Gender Based Violence (GBV)/Sexual Exploitation and Abuse (SEA) by establishing written Codes of Conduct for all workers in the project area as well as train and sensitize them on this issue. The IA has already prepared SEP and will adopt and implement a Project Grievance Redress Mechanism (GRM) under SEP as well as a labor related GRM under LMP.</p>	throughout Project implementation	TGTDC,PGCL and contractors;
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ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT			
5.1	RESETTLEMENT PLANS: Not Applicable	Not Applicable	Not Applicable
ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES			
6.1	BIODIVERSITY RISKS AND IMPACTS: Not Applicable	Not Applicable	Not Applicable
ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES			
7.1	INDIGENOUS PEOPLES PLAN: Not Applicable	Not Applicable	Not Applicable.
ESS 8: CULTURAL HERITAGE			

8.1	It is very unlikely, however as precautionary measure, the ESCoP will have a specific section on Chance Find Procedures, and ensure that if meters are installed in protected sections of the city, homes / buildings of historical/ cultural value, these activities will comply with applicable GIIP and local ordinances/regulations.	During installation	TGTDC,PGCL and contractors;
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ESS 9: FINANCIAL INTERMEDIARIES			
9.1	Not Applicable	Not Applicable	Not Applicable
ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE			
10.1	<p>STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION</p> <p>Implement the SEP. The SEP as prepared by Titas/ TGTDC and PGCL may be amended/ updated (and re-disclosed) as needed during Project implementation. The activities of Petrobangla under Component 2 - Technical assistance for the decarbonization of the oil and gas value chain to follow the SEP.</p> <p>PROJECT GRIEVANCE MECHANISM:</p>	<p>Throughout the Project implementation period.</p> <p>Project level GRC will be formed within three months of the project effectiveness and till then IAs existing GRM (for the organization) will record all the grievances.</p>	TGTDC,PGCL, Petrobangla and contractors;

	<p>Prepare, adopt, maintain, and operate a grievance mechanism, as described in the SEP.</p>		
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CAPACITY DEVELOPMENT SUPPORT (TRAINING)		
Specify Training to be provided	Targeted Groups and Timeframe	Training Completed
<p>All staff of the PIUs, Contractors and Operators of facilities will be given capacity building training and orientation on environmental, social, health and safety (ESHS) management following the national legal and policy requirements, international treaties, WHO guidelines and the World Bank ESF, with support of PIU E&S specialists. PIUs will design and implement training for targeted groups involved in the project to improve their awareness of risks and mitigate the impacts. This ESCP proposes a preliminary training plan that can be adapted to meet needs during Project implementation according to the approved training plan and budget by the Association.</p>		
<p>ESF. Training on ESF and the 10 ESSs—including preparation of the specific instruments applicable for the project</p>	<p>throughout the Project implementation period.</p>	<p>E&S specialist of the PIUs will deliver the training with the assistance of WB staff</p>
<p>Occupational Health and Safety Module:</p> <ul style="list-style-type: none"> • GBV/SEA/SHA • Workplace risk management • Prevention of accidents at work sites • Health and safety rules • Preparedness and response to emergency situations 		
<p>Community Health and Safety Module</p> <ul style="list-style-type: none"> • Community health and safety rules • Project workers health • Accidents to be avoided • Handling of gas leakage, safety measure. 		
<p>Labor and Working Conditions</p>		

<ul style="list-style-type: none"> • Terms and conditions of employment according to national working laws and regulations • Labor code of conduct • Contractor and sub-contractor Codes of Conduct • Worker’s organizations • Child labor and minimum age employment rules 		
<p>Grievance Redress Mechanism Module, design and production of a training module addressing the following aspects:</p> <ul style="list-style-type: none"> • Registration and processing procedure • Grievance redress procedure • Documenting and processing grievances • Use of the procedure by different stakeholders 		
<p>GBV Risk Module Raising awareness and measures to prevent and mitigate GBV/SEAH risks. The topics and activities will be developed and included in the Project GRM.</p>		
<p>Waste Management Contractors to be appointed by Titas and PGCL will be trained for safe removal of waste materials produced during installation and minor works of the project.</p>		