

**Terms of Reference (ToR) of
Environmental Safeguard Specialist
(Package-CWSIP/S14)**

1. a) **Background:** The Government of the People's Republic of Bangladesh (GoB) is in the process of receiving a credit/loan for "Chattogram Water Supply Improvement Project (CWSIP)" from the International Development Association (IDA) and intends to apply a part of the proceeds of this credit for hiring an Environmental Specialist
- b) **Objective of the Project:** The PDOs are to (i) increase access to safe and reliable water supply in Chattogram; and (ii) improve operational performance and financial sustainability of the CWASA.

2. Objective of the Assignment

The objective of this assignment is to manage, facilitate and coordinate all activities related to environmental issues and will work collectively as a team within the PMU under the overall supervision of Project Director in developing required outputs and the services required in the ToR.

3. Scope of Services

Environmental Specialist will be appointed at the PMU and s/he will broadly provide technical support and services to implement the Environmental Management Framework (EMF) of the project through supervision, co-ordination among various agencies and environmental experts associated with the project and to ensure the integration of Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP) measures into the project design and implementation plans and to implement, manage and update the Environmental and Social Management Plan (ESMP) and Environmental and Social Commitment Plan (ESCP) following the World Bank ES requirements and Government of Bangladesh's rules and policies. The detail scope of work will include but not limited to the following tasks:

- a) Review and help PMU to institutionally internalize the project ESCP and other ES documents in view of the relevant national legal framework and requirements of the World Bank;
- b) Identify scope and areas of application of the ESCP, other ES documents in project process including responsibility of the PMU;
- c) Review, update and coordinate with project schedules for selection, design and implementation of civil works and other tasks, vis-a-vis the process tasks required for land taking, and preparation and implementation of environmental and social commitment plans;
- d) Assist PIU to review and approve package-wise ES Management Strategy and implementation plans (ES-MSIPs) and Contractor's-ESMP submitted by the contractors. Also assist to review monthly progress reports received from construction contractors and Supervision Consultants, provide feedback for improvement, undertaking more detailed planning and following them up to ensure compliance, corrective actions or operationalization of penal provisions/ sanctions in case of non-compliance or delays;
- e) Assist PIU in ensuring Occupational Health and Safety (OHS) measures in line with the Labor Management Procedure (LMP) of the project including (a) identification of potential hazards to project workers, particularly those that may be life threatening; (b) provision of preventive and protective measures, including modification, substitution, or elimination of hazardous conditions or substances; (c) training of project workers and maintenance of training records; (d) documentation and reporting of occupational accidents, diseases and incidents; (e) emergency prevention and preparedness and response

Tawil

arrangements to emergency situations; and (f) remedies for adverse impacts such as occupational injuries, deaths, disability and disease.

- f) Ensure the integration of ESIA's and ESMP's measures into the sub-project design and implementation plans such as contract documents, maintenance contracts etc.
- g) Review various Environment and other documents submitted by consulting firms with regard to their compliance with the ESMF/ESIA's/ESMP's, various environmental issues and the adequacy of management measures and provide necessary guidance to consultants in improving the reports prior to forwarding to The World Bank for necessary approval / clearance;
- h) Carry out regular visits to sub-project implementation sites to monitor ES implementation across work-packages based on contractor obligations detailed in the agreements and bid documents in compliance with ESMF, site specific EMPS and other ES instruments
- i) Maintain a data base in a standard form, on the status of various environmental activities of the sub-project (clearances, compliances, ESIA reports, progress reports, etc.) and update the same on regular basis;
- j) Support the PIU in taking action on any grievance related to ES received by the project and following it up and ensuring its satisfactory closure;
- k) Support PIU to develop strategies, initiate activities to promote community awareness on EHS risks, mitigation/ prevention and management measures
- l) Design and organize training programs on environmental issues for capacity building of CWASA officials and other stakeholders.
- m) Contribute in translation and interpretation of the ESCP, other ES documents and disclosure of the same across the project area using appropriate communication method;
- n) Under the supervision of the Project Director, use Environmental and Social Commitment Plan (ESCP) as a key tool to work with PMU to effectively assess environmental risks, evaluate all relevant information, and recommend solutions to comply with the Bank's ESF;
- o) Prepare/Review Environmental compliance related part of Bid documents of different works packages under the project;
- p) Review the process for site selection, design, construction and the activities for community consultation, environmental and social screening and impact assessment, and related reports and plans;
- q) Design and develop environmental safeguards compliance supervision and monitoring system and ensure regular data collection on the monitoring indicators as the project progresses;
- r) Monitor the fulfillment of the site-specific environmental policy requirements with respect to all project activities;
- s) Develop specific guidance and analysis to ensure adherence to environmental safeguard policies that will include issues related to environmental impact assessments, O&H, biodiversity, natural habitats, etc.;
- t) Obtain all relevant government clearances on Environment Impact Assessments from Department of Environment (DOE);*
- u) Ensure the project reporting on safeguards related components are in conformity with the requirements of the ESCP/ESMP and any other relevant agreements;
- v) Provide support to project staffs for planning, implementing and ensuring environmental and social safeguard compliances as per Environmental and Social Management Framework (ESMF)/ Environmental and Social Commitment Plan (ESCP) adopted for the project;
- w) Provide safeguards supervision and monitoring support from environmental perspective to the project consultants and contractors, technical support for the screening of sub-projects for environmental risks, impacts, and vulnerabilities and identify risk management opportunities/strategies, including in Occupational and Community Health and Safety and climate change adaptation and mitigation;

Touhid

- x) Prepare/Update/Review all safeguard documents (i.e. ESIA, C-EMP, ESCP, LMP etc.) during project implementation and forward to World bank for their review, guidance and clearance;
- y) Design and develop public consultation and engagement plan and participate in public consultations, disclosure workshops and stakeholder engagement process;
- z) Organize and supervise the preparation of environmental and social impact assessments, measures for mitigating and management of environmental risks, and monitoring of environmental safeguards' action planning;
- aa) Provide advice and comments on environmental safeguards related documents (i.e., TORs; EIA, ESCP, EMP, including their variations; Environmental Monitoring reports, etc.) and other technical issues in the projects;
- bb) Contribute in designing and conducting training for the project staff, conduct environmental due diligence and compliance reviews; and
- cc) Any other task assigned by the Project Director/ Project Management as and when required.

4. Deliverables

- a) Work plan;
- b) Technical assistance on the compliance of environmental safeguards in all project activities;
- c) Environmental Standards Compliance Monitoring templates;
- d) Integration of safeguard good practices in the project activities;
- e) An internal environmental guideline document;
- f) Bi-annual Safeguards Review and Compliance Monitoring Report;
- g) ES capacity building of CWSIP/CWASA officials and other stakeholders;
- h) Input of appropriate performance and monitoring indicators into the Monitoring and Evaluation (M&E) Framework of the project;
- i) Quarterly progress reports and audits of compliance

5. Duration of Assignment

The duration of the contract will be 48 months from the signing of the contract. However, the duration of the assignment may be increased or reduced according to the availability of the consultant, performance of the consultants, project needs and availability of budget.

6. Required Qualification and Experiences:

The Consultant should have the following minimum credentials:

Educational Qualification:

Master's degree or equivalent in Environmental Engineering/ Environmental Science or relevant field of study.

General Experience:

Minimum 12 (Twelve) years of work experience as Environmental Specialist/Environmental Safeguard Specialist in Development Projects.

Specific Experience:

Minimum 05 (Five) years of working experience as Environmental Specialist/Environmental Safeguard Specialist in World Bank's funded Infrastructure projects. Projects related to water supply will get preference.

7. Data, Personnel, Facilities and Local Services to be provided by the Client

The Project Director will arrange all necessary information relevant to the consultant to fulfill this assignment. Personal office space will be provided from the project.

Tamir

Jz

hy

Rh

uh

8. Institutional Arrangement

The consultant will be based at the PMU in Chattogram and will report directly to the Project Director, CWSIP. The Individual Consultant will work closely with other consultants working at the PMU and departmental officials. The consultant is expected to undertake the activities (scope of services) mentioned in the TOR in order to achieve the stated objectives. All the deliverables mentioned in the ToR will be submitted by the consultant to the PD, CWSIP. The outputs outlined above will have to produce in English and in Bangla (as and when required).

Tasid

