

**TERMS OF REFERENCE**

**ENVIRONMENTAL SAFEGUARDS AND HEALTH AND SAFETY SPECIALIST**

**1. BACKGROUND**

1.01 The Government of Saint Lucia (GOSL) has applied for financing from the Caribbean Development Bank (CDB) towards the cost of the Ninth Water (John Compton Dam Raw Pipeline Replacement) Project and intends to apply a portion of the proceeds of this financing to eligible payments to engage the consultancy services of an Environmental Safeguards and Health and Safety Specialist (ESHSS) to function within the Project Management Unit (PMU) of the Water and Sewerage Company Inc. (WASCO).

1.02 The Ninth Water (John Compton Dam Raw Pipeline Replacement) Project aims to replace approximately five kilometres of raw water pipeline between the Millet and Vanard pumping stations. It has been identified as a priority project to improve the service to approximately 58 percent of WASCO's customer accounts. WASCO has the responsibility for the provision of portable water supplies and conservation, augmentation, distribution, and proper use of water resources including preservation and protection of gathering grounds. WASCO, through the PMU, will be responsible for the management and implementation of the Project.

1.03 There are significant benefits to be realised from the Project but there is also a range of social and environmental safeguard issues that were identified through the Environmental and Social Impact Assessment (ESIA) which must be managed during implementation. In this regard, the engagement of an ESHSS is imperative to support the Project Coordinator (PC) and the PMU in managing the safeguard aspects of the Project. This critical input is intended to increase the likelihood of realising the Project's intended outcomes.

1.04 The Consultant shall report directly to the PC of the PMU or his/her designate.

**2. JOB DESCRIPTION**

**General Accountabilities**

2.01 The ESHSS is responsible for ensuring that environmental and health and safety requirements are adhered to during the construction phase of the Project. His/her duties will include, but will not be limited to:

- (a) reviewing environmental mitigation measures in the contractors' Environmental, Social, Health and Safety Management Plan (C-ESHSMP) for suitability and appropriateness and likelihood of meeting performance requirements as stated in the bid documents/contract specifications, ESIA and project design details including specific items such as responsibilities for environmental monitoring, health and safety, environmental, reporting, public information, consultations and grievance mechanisms;
- (b) monitoring the adherence to the C-ESHSMP ensuring proper implementation of the Environmental, Health and Safety mitigation measures and the environmental monitoring programme for the Project;
- (c) advising the PC of any deviations from the C-ESHSMP and/or new or emerging environmental, disaster and climate change risks;

- (d) liaising with the Construction Supervision Consultant to ensure effective and timely implementation of environmental and health and safety management measures;
- (e) reviewing Environmental Performance Reports submitted by the construction supervision engineers engaged under the Project and advise the construction supervision engineers where improvement is needed;
- (f) liaising/coordinating with the Development Control Authority and the Department of Physical Planning as needed;
- (g) undertaking regular site visits to verify contractor compliance with the C-ESHSMPI implementation at each project site throughout project implementation;
- (h) participating in meetings to engage the appropriate community/stakeholders;
- (i) supporting the PC with resolving any reported grievances related to the environment, health and safety matters.
- (j) preparing well-documented, evidence-based monthly Environmental Monitoring Reports. The reports should identify any environmental, health and safety issues, incidents or cases of non-compliance, and make recommendations for corrective action in a corrective action plan, including specific steps, responsibilities and timing for any remediation/corrective actions to re-establish compliance;
- (k) monitoring the implementation of any Corrective Action Plan;
- (l) Support the PC with the preparation of the Project annual reports and the Project Completion Report by the deadline specified by CDB; and

**Specific Accountability - Transfer of Knowledge**

- (m) WASCO is desirous of enhancing the capacity of the officers assigned to the PMU. The ESHSS will be responsible for the preparation of a training programme on environmental safeguards and identifying and managing health and safety risks where the transfer of knowledge will be pivotal. A training programme with a clearly outlined methodology shall be prepared.

**3. QUALIFICATIONS AND EXPERIENCE**

3.01 Prospective candidates should have a minimum of the following qualifications and experience:

- (a) a Master's Degree in Environment Engineering/Environmental Sciences/Environmental Studies or related field with a minimum of eight years' demonstrated experience in environmental management and environmental sustainability and supervision of environmental aspects of infrastructure projects.

**OR**

A Bachelor's Degree in Environment Engineering/Environmental Sciences/Environmental Studies or related field with a minimum of ten years' demonstrated experience in

environmental management and environmental sustainability and supervision of environmental aspects of infrastructure projects;

- (b) functioned in a similar position supervising environmental, and health and safety aspects of at least two (2) infrastructure projects;
- (c) recognised health and safety certification and demonstrated experience in managing health and safety risks in engineering projects;
- (d) demonstrate ability to articulate, and report results in a concise and clear manner; and
- (e) demonstrate ability to work within a multi-disciplinary team environment, while demonstrating initiative and self-motivation.

**4. DURATION**

4.01 The consultancy is expected to be a full-time assignment conducted over a period of approximately 24 months, with a possibility of an extension thereafter.