

GUYANA

LO-4676/BL-GY

ENERGY MATRIX DIVERSIFICATION AND INSTITUTIONAL STRENGTHENING OF THE DEPARTMENT OF ENERGY (GY-L1066)

TERMS OF REFERENCE

CONSULTANCY SERVICE: PREPARATION OF AN ENVIRONMENTAL AND SOCIAL ANALYSIS REPORT

I. BACKGROUND AND JUSTIFICATION

- 1.1 Guyana is 96 percent dependent on imported fossil fuel for its electricity generation needs. The cost and reliability of electricity are recognized by the Government of the Cooperative Republic of Guyana as a major factor for profitability and efficiency in business operations, especially in energy-intensive industries such as manufacturing. Renewable energy solutions for the Hinterland under the Energy Matrix Diversification and Institutional Strengthening of the Department of Energy (EMISDE) Programme is one of three components which will address the energy diversification policy goals of the Government of Guyana. It will finance the investment of solar technology in three townships and the Island of Leguan, by means of the installation of solar PV-tied mini-grid systems in Bartica (1.5 MW), Lethem (1.0 MW), Mahdia (0.65 MW) and Leguan (0.6 MW) totaling 3.75 MW, and the implementation of a storage capacity to manage intermittence of these sources. Overall, this Component will provide a reliable electricity source to the expanding needs of power supply in these communities, now relying on fossil fuel.
- 1.2 In accordance with the Inter - American Bank's Policy OP-703, this operation is classified as Category "B" and it is anticipated that the project will generate moderate impacts that could be easily moderated by the implementation of the required mitigation measures. The main impacts for Component 1 will be associated with land clearing (pre-construction) and erosion during both construction and operations. To meet the requirements of the IDB's Environmental and Social Safeguard Policies, the Government of Guyana will comply, to the satisfaction of the Bank, with the contractual terms and conditions set forth. These conditions and definitions will be incorporated into the Loan Agreement and as such the Borrower is legally bound to comply with these conditions.
- 1.3 To this end, the Guyana Energy Agency is looking for a suitable candidate to offer consultancy services, in accordance with these Terms of Reference as it relates to the Special Conditions of Execution of Component 1: Renewable Energy Solutions for the Hinterland of the Operation GY-L1066, which require the Executing Agency to complete an Environmental and Social Analysis Report inclusive of an Environmental and Social Management Plan.

II. OBJECTIVES

The main objectives of this consultancy are as follows:

- 2.1. to identify, predict and evaluate the economic, environmental and social impacts of the development of a Solar PV Farm and all its associated activities in the community of Leguan
- 2.2. to provide information on the environmental consequences for decision making
- 2.3. to promote environmentally sound and sustainable development through the identification of appropriate alternatives and mitigation measures.
- 2.4. to carry out an Environmental and Social Analysis based on
 - the inputs of and coordination with the Guyana Energy Agency for the construction and operation of the plant
 - information available in academic literature, and
 - field visits and consultations and campaigns.

III. REQUIREMENTS

Type of Consultancy: Individual

Duration: Fifty (50) days

Place of work: Georgetown, Guyana, office work (or Consultant's habitual place of work) with multiple field visits to location of relevant infrastructure or activities.

Qualifications:

Candidates must have:

- A Master's Degree or Post Graduate Academic qualifications in Environmental Studies, Environmental Science, Environmental Impact Assessments or Environmental Management.
- At least 10 years of experience in environmental assessment and management involving the preparation of at least five (5) Environment and Social Management Plans

Experience with donor requirements including the Inter-American Development Bank (IADB) and/or other multi-lateral agencies will be an asset.

Core and Technical Competencies: Good analytical and communication skills. Good command of English language is required, knowledge of local dialects might be necessary for consultations. Ability to plan, organize and meet goals in a timely manner. Ability to multitask and response to multiple demands and changing priorities. Pro-activity and motivation. Ability to work under minimal supervision when necessary.

IV. EVALUATION CRITERIA

The Executing Agency (GEA) will shortlist a minimum of three (3) candidates in accordance with the IDB's 3CV procurement method.

4.1. All submissions will be evaluated and ranked on their merits in accordance with the evaluation criteria, sub-criteria and point system outlined as follows:

- 4.1.1. Academic qualifications
- 4.1.2. Specific training or experience related to assignment
- 4.1.3. General experience related to assignment
- 4.1.4. Communication skills

4.2. The Contract shall be awarded to the Individual Consultant who offers the lowest evaluated price, provided that the successful candidate has been determined to be eligible and has met the qualification requirements in accordance with the Evaluation Criteria.

V. SCOPE OF ACTIVITIES

The scope of developing the Environmental and Social Analysis Report should include the following key aspects:

- 5.1. Description of the Construction and Operation
- 5.2. Diagnostic of Area of Influence (Direct and Indirect) and Stakeholders of the Construction and Operation
- 5.3. Institutional and Legal Framework
- 5.4. Main Environmental and Social Impacts
- 5.5. Environmental and Social Management Plan
- 5.6. Consultation Plan and Disclosure

VI. DELIVERABLES

- 6.1. Site visit(s) to the island of Leguan are required.
- 6.2. Intermediate report on the preliminary findings as per the activities described above, information gathered in the consultations and Environmental and Social Management Plan.
- 6.3. A final report on Environmental and Social Analysis with respective Environmental and Social Management Plan, including Public Consultation Plan and Consultation Reports, and if necessary, FPIC procedure, Socio-cultural Analysis, Involuntary Resettlement Plan and/or Livelihood Restoration Plan.
- 6.4. The final report shall be delivered via electronic submission (flash drive) in addition to three (3) hard copies.

VII. PAYMENTS

Payments will be scheduled as follows:

- 7.1. 20% (less 2% withholding tax where applicable) of the Contract Amount upon submission and approval of operational plan;
- 7.2. 30% (less 2% withholding tax where applicable) of the Contract Amount upon submission and acceptance of the Draft version of the Environmental and Social Analysis and Environmental and Social Management Plan;
- 7.3. 40% (less 2% withholding tax where applicable) of the Contract Amount upon submission and acceptance of the Final version in one document, which will incorporate all the comments of the Project Coordinating Unit made to the Draft version of the document;
- 7.4. 10% (less 2% withholding tax where applicable) of the Contract Amount upon final execution of all project's administrative closures, which shall involve the receipt of IDB's no objection to the final submission.

VIII. COORDINATION

- The consultant will report to the Chief Executive Officer or any other representative of the Guyana Energy Agency, on all matters relating to the execution of this assignment.