



# **REQUEST FOR QUOTATIONS**

## **Paraquita Bay Microgrid Project – Environmental and Social Impact Assessment**

**PARAQUITA BAY SOLAR, BATTERY STORAGE,  
AND SUBSTATION PROJECT**

**July 19, 2021**



## 1. Background

The British Virgin Islands Electricity Corporation (BVIEC) seeks to increase resilience of the electricity network, while reducing dependence on diesel for electricity generation, and has embarked upon an initiative to install ground mount utility-scale solar, a battery energy storage system, and a new substation. This will form a microgrid, that will be designed to decouple from the grid to provide localized electricity, if the national grid goes down. The microgrid will be located in Paraquita Bay.

RMI (Rocky Mountain Institute) has been engaged by BVIEC to provide project management and technical assistance to support and manage de-risking studies to prove the feasibility of the new electrical infrastructure that will be located in Paraquita Bay. The project de-risking and technical assistance scope of work, is funded by a grant facility provided by the Canadian Government, through the Caribbean Development Bank.

One such de-risking study is the Environmental and Social Impact Assessment to obtain the Certificate of Environmental Clearance.

RMI is requesting quotations from Environmental Consultants for the **Environmental and Social Impact Assessment** described below.

## 2. Scope of Work

The consultant shall be required to use the guidelines that are prescribed by the Ministry of Natural Resources, Labour and Immigration in the British Virgin Islands, to meet the requirements for the completion/production of an environmental and social impact assessment for ground-mount solar, a battery energy storage system, and a new substation, in the Paraquita Bay area. There are six (6) potential land sites that are being considered for the electrical infrastructure, and they are illustrated in Annex 1.

The studies must adhere to the most current requirements for environmental and social impact assessments in the British Virgin Islands as pertains to solar and electrical infrastructure development. The deliverable will be a report that includes but is not limited to the following:

- a. Project summary



- b. Policy, legal and regulatory framework
- c. Description of proposed development
- d. Description of Potential Affected Environment
- e. Significant environmental impact on water, coastal resources, vegetation, biodiversity, ecological balance and human settlement
- f. Presentation of reasonable alternatives
- g. Mitigation measures
- h. Environmental Management Plan
- i. Monitoring Plan

### 3. Duration of Work

The Consultant is to provide a Work Schedule showing duration of individual tasks and overall duration for the completion of the said works.

Please indicate all tasks that are particularly susceptible to delays because of the Covid-19 pandemic.

### 4. RFP Submission Requirements

Responses to this Request for Proposals must include the following at a minimum:

- i. The names of the project team members that will be responsible for carrying out the work and their respective roles. Details of relevant qualifications and experience for each member of the proposed project team. Preference will be given to companies or consultants from within the British Virgin Islands Territory.
- ii. A description of the methodology that will be used to carry out the proposed work.
- iii. An outline of the approach to manage constraints due to Covid-19.
- iv. A work schedule for the completion of the work, indicating task durations, and total project duration. Indicate tasks that have the potential to be adversely affected due to the Covid-19 situation.
- v. A cost breakdown table with standard rates and prices for each line item and the total bid cost. Any transportation and accommodation costs (where relevant) should be reflected as separate line items in the cost breakdown table referred to above.



- vi. A proposed payment schedule.

## 5. Selection Criteria

The following combined scoring method will be adopted in selecting the best offer:

Criteria	Weighting
Technical Component (Qualifications, Experience, Methodology, Work Plan):	60%
Cost Component:	40%

## 6. Submission Deadline

The deadline for submission of responses to this Request for Quotations is Aug 6, 2021. All responses or questions should be emailed to Kaitlyn Bunker, Principal at RMI's Islands Energy Program, at [kbunker@rmi.org](mailto:kbunker@rmi.org) with the subject: **Paraquita Bay Microgrid Project – Environmental and Social Impact Assessment.**

## 7. Validity of Quotations/Proposals

The proposal (including cost quotations) must be valid for 120 days.

## Annex 1 – The identified sites in Paraquita Bay for microgrid infrastructure



Sites 1-5 will be used for the ground mount solar arrays. The grounds of the wastewater treatment plant (Site 6) will be used for the substation.