



## **Request For Information**

**For**

*Engineering, Procurement, and Construction of 33MWp  
of Solar Photovoltaic Plants with Battery Energy Storage  
Systems*

***RFI No. 01/2021***

**Date of Request: December 16, 2021**

**Information must be submitted by: January 17, 2022**

**Request for information issued by:**

**Guyana Power and Light Inc.**

## 1. PROJECT BACKGROUND

The Government of the Cooperative Republic of Guyana has earned financing from the Guyana REDD+ Investment Fund (GRIF) under the Guyana – Norway partnership and intends to apply part of the proceeds of this financing to payments under the Contract for *Engineering, Procurement, and Construction of 33MWp of Solar Photovoltaic Plants with Battery Energy Storage Systems*. The financing earned will be administered in accordance with the Policies of the Inter-American Development Bank (IDB).

The Program will be executed by Guyana Power and Light Inc. (Executing Agency) as part of the Guyana Utility Scale Solar Photovoltaic Program (GUYSOL). The Works under the Program will be done at eight (8) project sites. There are two (2) project sites in Region 2 (Essequibo Coast), three (3) project sites in Region 10 (Linden), one (1) project site in Region 5 (West Coast Berbice), and two (2) project sites in Region 6 (East Coast Berbice).

## 2. DESCRIPTION OF THE PROCESS

The financing under the Guyana REDD+ Investment Fund (GRIF) is available and will be utilized for utility scale solar PV projects. As such, Works for 33MWp of Solar PV with a minimum of 23MWh of Battery Storage have been identified for execution utilizing the stated funds. The Works will be tendered as follows:

- **Lot 1:** A total of 10MWp of Solar PV for the Demerara-Berbice Interconnected System, specifically in Berbice disaggregated into two (2) sites in East Coast Berbice, Region 6 and one (1) site in West Coast Berbice (Region 5):
  - Hampshire, East Coast Berbice;
  - Prospect, East Coast Berbice (West Canje); and
  - Trafalgar, West Coast Berbice.
  
- **Lot 2:** A total of 15MWp of Solar PV with a minimum of 15MWh (15MW,1h) of Battery Storage for the Linden Isolated System disaggregated into three project sites in Region 10:
  - Block 37 (Millie's Hideout), Eastern Side of the Linden-Soesdyke Highway;
  - Retrieve, on the Right Bank of the Demerara River; and
  - Dacoura, on the Left Bank of the Demerara River.
  
- **Lot 3:** A total of 8MWp of Solar PV with a minimum of 8MWh (8MW,1h) of Battery Storage for the Essequibo Coast Isolated System disaggregated into two (2) project sites in Region 2:
  - Onderneeming, on the Left Bank of the Essequibo River; and
  - Charity, on the Right Bank of the Demerara River;

**Bids will be invited for individual lots or for a combination of lots.**

More site information (cadastral surveys, site images, google earth files) can be accessed via [https://bit.ly/GUYSOL\\_RFI\\_Sites](https://bit.ly/GUYSOL_RFI_Sites).

## 3.OBJECTIVE OF THE REQUEST FOR INFORMATION

The objective of this Request for Information is to carry out a survey of the market to assess the firms with capacity to execute the works described, and are interested to provide the required Engineering, Procurement, and Construction of 33MWp of Solar Photovoltaic Plants with Battery Energy Storage Systems. This is **NOT** a short-listing or prequalification exercise.

#### 4. INFORMATION REQUIRED FROM INTERESTED FIRMS

The information required from firms are:

- a) Number of years of general construction experience in the role of contractor, subcontractor, or management contractor.
- b) Number of similar contracts (Engineering, Procurement, and Construction of Solar PV Plants with Battery Energy Storage Systems) previously executed as a main contractor, joint venture member, management contractor, or subcontractor.
- c) An indication of the value of previous contracts, as referred to in (b), and if such contracts are fully executed or ongoing.
- d) Key technical details regarding the following:
  - i. Civil Works associated to ground-mounted solar PV installations,
  - ii. Electrical design and installation of solar PV plants (sub-array sizing, module sizing, interconnection of sub-arrays, etc.),
  - iii. Electrical design and installation of battery energy storage systems providing use-case functions of ramp-rate control of solar PV power and voltage & frequency
  - iv. Telecommunication and networking relating to the integration of solar PV plants and battery energy storage systems to utility grid, and
  - v. Testing and Commissioning of solar PV plants and battery energy storage systems.
- e) Capacity to train local personnel and to provide operation and maintenance services until full handover
- f) Experience/Capacity in implementing Environmental and Social Policies/Standards of Multilateral Development Banks and/or Environmental and Social Management Systems.
- g) Similar projects in the region

Firms are invited to provide a portfolio document (pdf format); not more than 15-20 pages, including any relevant supporting documentation; addressing the questions above.

#### 5. SUBMISSION INFORMATION

Interested eligible (as per IDB requirements, as detailed in Annex 1) firms are invited to submit all the information listed above for the Executing Agency to assess the capacity of firms prior to the effective launching of the procurement process for *Engineering, Procurement, and Construction of 33MWp of Solar Photovoltaic Plants with Battery Energy Storage Systems*.

As mentioned above, the deadline to submit the required information to *Guyana Power and Light Inc.* is January 17, 2022. This information shall be submitted electronically via the email provided below with the name of the process and the reference of the request for information. **File submission in excess of 10MB should be submitted via a filesharing link.**

All firms interested to participate in the request for information process, can obtain further information from *Guyana Power and Light Inc.* using the following details:

**Contact Person: Mr. Amir Dillawar**

**Contact Person Title: Program Coordinator**

**Contact Person Phone Number: 592-227-1688 or 592-608-8565**

**Contact Person Email: [adillawar@gplinc.com](mailto:adillawar@gplinc.com) cc: [sogle@gplinc.com](mailto:sogle@gplinc.com)**

## Annex 1 – IDB Eligibility Requirements

### Eligibility for the Provision of Goods, Works and Services in Bank-Financed Procurement

**Note:** The expression “Bank” used in these documents includes the IDB, MIF and any other fund it administers.

Depending on the financing source, the user must select one of the following 2 options for item number 1). The financing can come from the IDB, the Multilateral Investment Fund (MIF) or, occasionally, contracts may be financed out of special funds which further restricts eligibility criteria to a particular group of member countries. When the last option is selected, the eligibility criteria should be mentioned therein:

-----

#### **1) List of Member Countries and Territories when the Inter-American Development Bank is financing:**

Argentina, Austria, Bahamas, Barbados, Belgium, Belize, Bolivia, Brazil, Canada, Colombia, Costa Rica, Chile, Croatia, Denmark, Dominican Republic, Ecuador, El Salvador, Finland, France, Germany, Guatemala, Guyana, Haiti, Honduras, Israel, Italy, Jamaica, Japan, Mexico, Netherlands, Nicaragua, Norway, Panama, Paraguay, People’s Republic of China, Peru, Portugal, Republic of Korea, Slovenia, Spain, Suriname, Sweden, Switzerland, Trinidad & Tobago, United Kingdom, United States, Uruguay and Venezuela.

#### **Eligible Territories**

- a) Guadeloupe, French Guiana, Martinique, Reunion – as Departments of France
- b) U.S. Virgin Islands, Puerto Rico, Guam – as Territories of the USA
- c) Aruba – as a constituent country of the Kingdom of the Netherlands; and Bonaire, Curacao, Saint Marten, Saba, St Eustatius – as Departments of the Kingdom of the Netherlands
- d) Hong Kong – as a Special Administrative Region of the People’s Republic of China

-----

#### **2) Nationality and origin of Goods and Services Criteria**

These policy provisions make it necessary to establish criteria to determine: a) the nationality of the firms and individuals eligible to bid or participate in a bank-financed contract and b) the country of origin of goods, and services. For these determinations, the following criteria shall be used:

##### **A) Nationality.**

- a) **An individual** is considered to be a national of a member country of the Bank if he or she meets either of the following requirements:
  - i. is a citizen of a member country; or
  - ii. has established his/her domicile in a member country as a “bona fide” resident and is legally entitled to work in the country of domicile.

b) **A firm** is considered to have the nationality of a member country if it meets the two following requirements:

- i. is legally constituted or incorporated under the laws of a member country of the Bank; and
- ii. more than fifty percent (50%) of the firm's capital is owned by individuals or firms from member countries of the Bank.

All members of a JVCA and all subcontractors must meet the nationality criteria set forth above.

### **B) Origin of Goods.**

Goods have their origin in a member country of the Bank if they have been mined, grown, harvested, or produced in a member country of the Bank. A good has been produced when through manufacture, processing or assembly another commercially recognized article results that differs substantially in its basic characteristics, function or purpose of utility from its parts or components.

For a good consisting of several individual components that need to be interconnected (either by the supplier, the purchaser or by a third party) to make the good operative and regardless of the complexity of the interconnection, the Bank considers that such good is eligible for financing if the assembly of the components took place in a member country, regardless of the origin of the components. When the good is a set of several individual goods that are normally packaged and sold commercially as a single unit, the good is considered to originate in the country where the set was packaged and shipped to the purchaser. For purpose of origin, goods labeled "made in the European Union" shall be eligible without the need to identify the corresponding specific country of the European Union.

The origin of materials, parts or components of the goods or the nationality of the firm that produces, assembles, distributes or sells the goods, does not determine the origin of the goods.

### **C) Origin of Services.**

The country of origin of services is that of the individual or firm providing the services as determined under the nationality criteria set forth above. These criteria apply to services ancillary to the supply of goods (such as transportation, insurance, erection, assembly, etc.), to construction services and to consulting services.