



Request for Information

Request for Information (RFI):

Engineering, Procurement, Construction (EPC) services for solar PV and battery storage installation in Montserrat.

Introduction:

This announcement constitutes a RFI notice soliciting expressions of interest in supplying EPC services for solar PV and battery storage energy project for the Government of Montserrat (GoM).

This is not a Request for Proposals (RFP) or solicitation for formal proposals. The information developed through this RFI will be used to evaluate the market interest for EPC services for Montserrat. This RFI does not constitute a commitment, implied or otherwise, that GoM will take action in this matter. GoM will not be responsible for any costs incurred in furnishing responsive information.

GoM is interested in understanding the current availabilities, flexibilities, and preferences of market participants interested in providing solar PV and battery storage EPC services. GoM is considering potential Engineering Procurement and Construction (EPC) contracts with optional Operations and Maintenance (O&M) Agreements. A phased implementation consisting of Phase-1: 250 KW, Phase-2: 750 KW and Battery Storage is planned.

General Background:

The Government of Montserrat (GoM), through the Ministry of Communications, Works and Labour (MCWL) in collaboration with Montserrat Utilities Limited (MUL) aims to assist the positioning of Montserrat as being fully dependent on renewable energy sources for the generation of electricity by 2020.

The Power to Change - The Montserrat Energy Policy 2016 – 2030 has formalized the Montserrat renewable energy target. The general outline for the integration of 1MW PV Solar and Storage into the MUL network on Montserrat is as follows:-

1. The introduction of PV should be managed in a phased approach, the first phase of 250KWp can be integrated without storage directly into the new Power Station in Brades, Montserrat
2. After gaining experience with the first 250KWp PV production and integration into the system, the solar production capacity should be increased to 1MWp with an associated storage power of 750kW and a storage capacity of approximately 200kWh. This will also be beneficial for the future operation of the geothermal plant.
3. Starting to use PV generation for saving fuel as the first step.
4. Adding a storage element in order to avoid cycling the diesels thus optimizing the diesel use and later the planned geothermal power plant cycling.
5. Integrate PV, diesel and geothermal generation along with a suitable storage system with the goal of minimizing the diesel usage and in the long-term using the diesel only in emergency cases.



MUL a government owned vertical integrated utility provides electricity and water services to the residents, businesses and visitors of Montserrat. This includes the generation and distribution of electricity; the collection, treatment and distribution of potable water; and the removal of liquid waste (sewage).

GoM has procured the services of STANTEC CONSULTANTING CARIBBEAN LIMITED as Client Engineering Service provider Utility-Scale 1MW Solar PV, Brades Montserrat. GoM/MUL is seeking a combination of roof, car port and ground mounted solar power from qualified companies under an Engineering Procurement and Construction (EPC) contract with options for implementing in a two phased approach.

It is proposed that EPC contractor knowledge of the beneficial utilization of their product, its supply, methods of erection and maintenance will be transferred from the EPC contractor to the MUL on site during the construction and maintenance periods, (documentation/instruction manuals including as-built documents, formal training classes, one-on-one training/knowledge transfer, etc.). This is an important consideration, as the transfer of knowledge will provide local capacity to continue the maintenance of the investment beyond the EPC contract.

Qualifications and Assumptions:

- A. For purposes of this RFI, “**solar energy**” means electrical power generated by solar photovoltaic modules (PV)
- B. All expressions of interest should assume a potential EPA contracts with optional O&M agreements.

Expressions of interest from companies with EPC experience in installing solar PV and storage systems of similar size to date with a least one (1) current operations and maintenance agreement in place and in good standing.

- C. GoM/MUL are interested in considering **EPC contracts for one 250kW phase of solar PV on local roof and parking canopy locations; and one additional 750kW phase on ground, roof and parking canopies and associated battery storage, with O&M agreements for 1-2 years.**
- D. Interested parties should respond to this RFI no later than **February 27, 2017.**
- E. The information received in response to this RFI is intended to better inform GoM/MUL’s procurement planning.

Specific Information of Interest:

- 1. Offered solar technology and battery solution options
- 2. General project timeline for solar / battery projects
- 3. Level of **experience** of respondents in designing, procurement and construction of solar PV and battery storage



4. Respondent's affirmation of interest in entering into an EPC contract with O&M options for multiple solar PV and battery storage projects.
5. Number of years' experience as a Solar PV and Battery Storage EPC Contractor.

Content of Submissions:

An electronic copy should be provided to GoM at the email addresses given below.

After reviewing responses GoM may request additional information, or may schedule individual meetings with any respondent to gain additional information about the expression of interest.

Submissions should include more than general marketing content; in particular:

- i. A cover letter
- ii. Acknowledgment of each item listed above in **Qualifications and Assumptions**
- iii. **Latest Corporate Statement of Qualifications (SoQ)**
- iv. Five (5) numbered responses to each item listed above in **Specific Information of Interest**
- v. Respondent's relevant history and capabilities (if not covered in the SoQ)
- vi. Outline of respondent's products or services (if not covered in the SoQ)

Questions and Points of Contact:

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Submission Date and Address:

Electronic responses to this notice are requested to be emailed to the above contacts no later than Monday, February 27, 2017.



Confidentiality

GoM recognizes that certain information contained in this RFI response submitted may be considered confidential and, as permitted by applicable law, will treat as confidential any information clearly labeled as such. If GoM is formally requested and required by any regulatory or judicial authority, or is otherwise required by law, to disclose information with regard to a RFI Response, GoM will disclose such information in accordance with applicable laws and regulations.