



# Caribbean Community Climate Change Centre

---

March 9<sup>th</sup> 2020

**Re: Invitation for Bids: “Design, Supply, Installation and Commissioning of 4.5 MW Solar photovoltaic generation and 2.0 MW MicroTurbine systems and other Components for specified Barbados Water Authority Pumping Stations”:**

**Ref: ICB No. Contract # 13/2020/WSRN S-Barbados/GCF/CCCCC:  
Response #3 to Additional Queries Raised**

Dear Sirs,

We write with reference to *paragraph 7.1 of the Instructions to Bidders (ITB)* that addresses the subject of ‘*Clarification of Bidding Documents*’. In accordance with paragraph 7.1 of the ITB, a Bidder requiring any clarification of the Bidding Document shall contact the Centre (the Employer) in writing or raise enquiries during the pre-Bid meeting. The Centre / Employer shall: (i) respond in writing, provided the clarification is requested prior to the deadline for clarification and (ii) forward its response to all potential bidders who acquired the Bidding Document. The Centre / Employer is also required to include in the response a description of the inquiry without identifying its source.

The **additional** queries received to date and Centre’s responses are as follows:

---

**Query #11:**

*Is there an existing natural gas infrastructure for the installation of micro-turbines for pumping?*

**Answer #11:**

*LOT 4 ONLY. The beneficiary will be responsible for making the necessary arrangements with the National Petroleum Company (NPC) to ensure that the gas supply reaches the property line at the Belle Pumping Station. The Bidder will then be responsible for the connection of the gas supply from the boundary line to the location of the Microturbine.*

---

**Query #12:**

*Please provide information and plans of the pumping station where the works are planned.*

**Answer #12:**

*The plans of the pumping stations are included in the Drawings in the Employer’s Requirements. Further information will be provided at the pre-bid meeting report.*

---



# Caribbean Community Climate Change Centre

---

**Query #13:**

*With respect to ITB 7.4, is it mandatory and/or excluding?*

**Answer #13:**

*ITB 7.4 refers to the Pre-Bid / Site Visits scheduled for Tuesday March 10, 2020. Participation in these events is optional based on Interested Bidders' discretion. The Report / Minutes from these events will be shared with all Interested Bidders that requested Bidding Documents.*

---

**Query #14:**

*The Evaluation and Qualification Criteria on page III indicates the following: "The Most Advantageous Bid is the Bid of the Bidder that meets the qualification criteria and whose Bid has been determined to be substantially responsive to the bidding document, and the lowest evaluated cost". We would like to know if there is any weighing for the evaluation, for example, 30% technical – 70% financial.*

**Answer #14:**

*The Evaluation and Qualification Criteria are detailed in the Bidding Documents. See Section I – Instructions to Bidders, Clause 13 and Section III – Evaluation and Qualification Criteria. Further clarification will be provided at the Pre-Bid Meeting.*

---

**Query #15:**

*Could you please confirm if the qualification criteria 4.2 (a) Specific Experience may be met through Bidder's subsidiaries?*

**Answer #15:**

*Bidders' subsidiaries are separate legal entities. Subsidiaries may participate in a Joint Venture arrangement or as Sub-contractors. In such cases the subsidiaries could satisfy the qualification criteria.*

---

**Query #16:**

*Could you please confirm if the qualification criteria 4.2(a) Specific Experience may be met through Bidder's subcontractor/manufacturer?*

**Answer #16:**

*Sub-contractors may satisfy the qualification criteria. Manufacturers may also satisfy the qualification criteria if they are participating as a Joint Venture member or Sub-contractor.*

---



# Caribbean Community Climate Change Centre

---

**Query #17:**

*Section III 4.2(a) Specific Experience indicates: “They must be power plant installation projects (design, supply and installation) of a capacity of at least 1MW, at least one of which must be a ground-mounted grid-connected solar PV plant”. However, “2.1 b) For Lots 1 to 3, at least 1 such project must be a grid-connected solar PV plant of at least 0.5 MW. For Lot 4, at least 1 such project must be a microturbine power system of at least 1 MW”. Please confirm what is the minimum capacity.*

**Answer #17:**

*The Table on page 49 of the Bidding Documents should read 0.5 MW.*

---

**Query #18:**

*Do we have to demonstrate experience at least three contracts within the last six years for each lot?*

**Answer #18:**

*Bidders may apply the same level of experience for each Lot, where applicable.*

---

**Query #19:**

*Regarding to logistics, our understanding is the following: we shall undertake the CIP transportation of the Goods to respective locations, dependent on LOT, including the cost for insurance coverage of the full value of the delivered items during the period of storage to installation, while the following services in Barbados shall be undertaken by the purchaser:*

- i. Loading and/or unloading of the Products whenever necessary in the recipient country including at the port, airport, and/or the Site(s).*
- ii. Use/Hire of special equipment and accessories when necessary to ensure a smooth unloading and transportation.*
- iii. Storage at the recipient country’s port/airport and/or other places if necessary.*
- iv. Transportation of the Products from the berth to the warehouse inside the unloading port/place or container yard.*
- v. Demurrage at the unloading port/place if necessary and container detention charge (when transported by containers).*
- vi. Licenses, official authorizations necessary for import.*
- vii. Duties, taxes or other fiscal levies payable in the recipient country.*
- viii. Customs formalities and any other procedure necessary for import in the recipient country.*

**Answer #19:**

*The Bidder will be responsible for items i, ii, iii, iv and v listed above. The Beneficiary will facilitate items vi, vii and viii listed above, however the Bidder has ultimate responsibility for these items. Please refer to Section IX – Particular Conditions of Contract, Clauses 9 and 10.*

---



# Caribbean Community Climate Change Centre

---

**Query #20:**

*We kindly request that you allow a longer period for clarifications that lets the bidders to have a clear understanding of the Project.*

**Answer #20:**

*Bidders will be afforded an opportunity to seek further clarification at the Pre-Bid Meeting.*

---

**Query #21:**

*We would like to suggest a deadline extension, which we believe will help all bidders have some more time to prepare a tender deliverable with the highest quality standards.*

**Answer #21:**

*This issue will be discussed at the Pre-Bid Meeting. A decision on this matter will be communicated in due course.*

---

**Query #22:**

*Are there any picture of the sites?*

**Answer #22:**

*Interested Bidders are free to take pictures during the pre-bid site visits. Further information will be provided in the pre-bid meeting report.*

---

**Query #23:**

*Would a power purchase agreement (PPA) or lease-to-own arrangement be considered by the BWA? If so, under what terms would this be done?*

**Answer #23:**

*No. All four (4) Lots will be financed Employer. These are Turnkey Contracts, which will provide for payments to the selected contractor(s).*

---

**Query #24:**

*Who would be responsible for the interconnection agreement with BL&P?*

**Answer #24:**

*The Beneficiary will be responsible for the interconnection agreement.*

---



# Caribbean Community Climate Change Centre

---

**Query #25:**

*As referenced on p. 188, how long does the application process for the Planning Permit take from TCDPO?*

**Answer #25:**

*For the purpose of guiding Bidders in developing their implementation schedule, it can be assumed that the application process for the Planning Permit takes approximately three (3) to six (6) months.*

---

**Query #26:**

*Please provide any information on labour laws which may be available to bidders.*

**Answer #26:**

*Bidders are invited to conduct their own due diligence on this matter.*

---

**Query #27:**

*Can we have further information on what the cooling system option (microturbine) would be used for?*

**Answer #27:**

*The cooling system option refers only to coolants.*

---

**Query #28:**

*What suppliers for natural gas exist in the country? What pricing information is available for these companies and for interconnection/supply?*

**Answer #28:**

*Bidders will be required to conduct their own research and due diligence on these matters.*

---

**Query #29:**

*Have any electrical interconnection studies been done for the proposed facilities?*

**Answer #29:**

*No.*

---

**Query #30:**

*Has an EIA been done for the proposed sites? If so, may we receive same for review?*



# Caribbean Community Climate Change Centre

---

**Answer #30:**

Yes, an ESIA has been completed for all sites. The ESIA may be accessed at:  
[http://www.caribbeanclimate.bz/wp-content/uploads/2018/01/ESS-WSRN-S\\_Barbados.pdf](http://www.caribbeanclimate.bz/wp-content/uploads/2018/01/ESS-WSRN-S_Barbados.pdf)

---

**Query #31:**

*What is expected as Hybrid functionality from the inverter? There is no storage system requested I believe?*

**Answer #31:**

*Bidders are expected to supply a grid-tied inverter. Kindly disregard the word 'hybrid'. No storage is required.*

---

**Query #32:**

*What is the expected functionality in case of grid failure? Standard the inverter will shut down when the grid goes OUT of spec.*

**Answer #32:**

*The inverter for the PV system shall shut down. FOR LOT FOUR (4) ONLY the microturbine is expected to provide back-up power.*

---

**Query #33:**

*All civil works are in scope of the bidder?*

**Answer #33:**

*Yes.*

---

**Query #34:**

*Is camera security in the bid? What is the minimum requirement and scope for this?*

**Answer #34:**

*No.*

---

**Query #35:**

*Lot 4: Design Supply Installation and Commissioning of six (6) microturbines with an aggregate of 2 MW, specifies microturbine. Please clarify if a natural gas engine, instead of microturbine, is also acceptable.*



# Caribbean Community Climate Change Centre

---

**Answer #35:**

*No. Technical Alternatives to the Employer' requirements will only be acceptable as specified in Section I – Instructions to Bidders, Section 13.4 and 13.4 (as modified in the Bid Data Sheet.*

---

**Query #36:**

*Please confirm the system is Hybrid with Genset Control for passing clouds.*

**Answer #36:**

*No. The microturbine will only be used in emergency circumstances.*

---

**Query #37:**

*Please confirm no storage is required for the solar lots.*

**Answer #37:**

*No storage required.*

---

**Query #38:**

*Please confirm voltage level for point of interconnection (MV or LV).*

**Answer #38:**

*LV.*

---

**Query #39:**

*Please confirm if there is a specification sheet on the Inverters, PV Modules and Mounts (BOS).*

**Answer #39:**

*No.*

---

**Query #40:**

*Is it possible for to tender for the design of the PV system and associated electrical infrastructure as well as the monitoring of the onsite installation only.*

**Answer #40:**

*No.*

Kind regards,

A handwritten signature in blue ink, reading "Maxine Alexander Nestor".

Maxine Alexander Nestor, Procurement & Legal Officer