



Date: November 15, 2021

Title: Energy audit and microgrid feasibility assessment of the Embassy of Canada to Haiti

Solicitation Number: 21-178705/B

Addendum # 2

Addendum #2 has been raised to answer questions received to-date and to modify the Request for Proposal (RFP).

RFP MODIFICATION

The following supplements and/or supersedes the request for proposals documents issued on October 22, 2021. This addendum forms part of the contract documents and is to be read, interpreted, and coordinated with all other parts. Any change to the cost of the work as a result of this addendum is to be included in the price proposal.

Annex “A” – Draft Contract and Statement of Work 4.5 Climate Change Risk Assessment

DELETE:

“4.5.1 As an appendix to the energy audit, the Consultant will review existing science to conduct a climate change risk assessment. This purpose is to study the anticipated impacts that medium- and long-term climate change will have on the city of Abuja, particularly those that can affect the operations and maintenance of both the mission at large and the proposed microgrid system being studied/proposed in the Power Generation Component (section 4.3)”

INSERT:

“4.5.1 As an appendix to the energy audit, the Consultant will review existing science to conduct a climate change risk assessment. This purpose is to study the anticipated impacts that medium- and long-term climate change will have on the city of Port-au-Prince, particularly those that can affect the operations and maintenance of both the mission at large and the proposed microgrid system being studied/proposed in the Power Generation Component (section 5).”



The following Questions & Answers is in link with the solicitation document mentioned above.

Questions & Answers # 2

- Q5.** “Section 5.2 Work Plan ... Travel must include no less than one (1) site visit by a qualified electrical engineer or technologist, and a qualified mechanical engineer or technologist. DFATD reserves the right to approve the selected individuals conducting the site visit to ensure qualifications are met...
- Can DFATD provide clarity as to limiting the ‘qualified’ team members to electrical engineering/technologist and mechanical engineering/technologist only, and potentially excluding ‘qualified’ individuals having the necessary background and experience, but holding other engineering/technologist credentials (e.g. civil engineering, engineering physics, etc.)?”
- A5.** The requirement for a qualified electrical engineer or technologist, and a qualified mechanical engineer or technologist to conduct the site visit is not meant to exclude other qualified individuals who will provide value added. The qualified electrical engineer or technologist, and qualified mechanical engineer or technologist mentioned are meant to be a minimum for the on-site personnel. Ultimately the Bidder, based on their interpretation of the Statement of Work (SOW), shall determine site visit requirements. All travel costs are to be included in the Section VI – Price Proposal.
- Q6.** “If DFATD uses the right to approve selected individuals, what criteria would be used to assess the candidate's qualifications, and how long would the decision making process require?”
- A6.** The individuals visiting must include at least a qualified electrical engineer or technologist, and a qualified mechanical engineer or technologist. The criteria to assess the qualifications would be proof of relevant licensing (e.g., P.Eng., Technician Licence) and education as well as relevant experience to properly survey and assess what is required in the SOW. DFATD expects that these individuals would be identified in the Bidder’s response to Section V – Point Rated Criteria.
- Q7.** “Will the successful bidder for this work be precluded from working on subsequent implementation phase, and if so would this apply equally to primary proponent and subcontractors?”
- A7.** No, the successful bidder will not be precluded from working on subsequent implementation phase; however, production of the energy audit and microgrid feasibility is not a guarantee/promise of further employment by DFATD to implement energy-conserving measures, and/or to design and install a microgrid system at a later date.
- Q8.** “Section 3.1.7 mentions ‘IEEE 81- IEEE Guide for Measuring Earth Resistivity, Ground Impedance, and Earth Surface Potentials of a Grounding System.’ Can DFATD confirm if performing ground resistivity measurements are to be included or excluded from the scope?”
- A8.** For the feasibility stage covered by this RFP, there is no need for a resistivity test; however, IEEE-81 should be used as a reference when providing recommendations.



- Q9.** “5.1.2 mentions providing geotechnical analysis. Is there existing geotechnical information available for the site, if not, is the expectation that proponents would conduct a geotechnical study, or make assumptions based on existing information and site visits?”
- A9.** A complete geotechnical investigation was produced as part of the seismic assessment of the Chancery. This report will be made available to the winning bidder.
- Q10.** “Section 5.3.1. (d) defines ‘Option 4: Islanded microgrid (solar + energy storage + diesel generator) + another renewable energy at current energy load/demand.’ Can DFATD identify what other renewable energy source would be considered?”
- A10.** We are leaving the door open for any consultant who might have experience with microgrids with other renewable energy that solar: wind, geothermal, etc.
- Q11.** “The RFP Section 5.3.3. (h) states “Transient and steady state stability studies required under all scenarios of operation considered (Steady State load flow, System Dynamic, Harmonics, Flicker, sequence of Operation, Fault Current, Black Start; etc.).’ Is the intent for the proponent to perform these studies, or to define which studies would be necessary as part of a future detailed design?”
- A11.** A calculation to support the feasibility of the proposed system is required to ensure that the proposed solutions are appropriate.

All other conditions and requirements remain unchanged.