

Advance Contract Award Notice (ACAN)

Solicitation No. : 18-134925
Estimated value : CAN \$1,800,000 over 3 years
Closing date : Monday, February 5, 2018 at 2:00 PM Eastern Standard Time

Attachment 001 is raised to provide the following information:

Q1. What are the contract terms (Project-life cycle) and what is the exact scope of work?

A1. Please see Attachment 1, Statement of Work (SOW), included at the end of this document.

Q2. Will the project be grid-connected or behind the grid (standalone)?

A2. The Project will be grid-connected.

Q3. How was the cost/kW evaluated?

A3. The cost/kW was evaluated via a competitive process.

Q4. Where in Maryland should the solar farm be constructed?

A4. The solar farm should be constructed in Somerset County, Southern Maryland.

Q5. What is the capacity of the solar farm in kW?

A5. The total capacity of the solar farm is up to 7.5 MWdc, of which the Embassy is procuring 1 MW.

Q6. What is the point of interconnection and how far is it from the Project?

A6. The point of interconnection is located at Cristfield Substation, Somerset, Maryland.

Q7. What is the voltage?

A7. The voltage is 25 kV distribution circuit out of the Cristfield Substation.

Q8. Is there any preference with regards to the equipment manufacturing (i.e., Canadian)?

A8. There is no preference with regards to equipment manufacturing as this requirement is not subject to the North American Free Trade Agreement (NAFTA).

Q9. How will exceeding generated power be evaluated?

A9. There will be no generation of exceeding power.

Q10. Is the project rooftop, ground mount, or carport? If ground mount, has a geotechnical survey been performed?

A10. This is not applicable as the Mission is only purchasing supply through a licensed electric retailer in the District of Columbia. All solar generation will take place off-site.

Q11. What is the Project installed capacity?

A11. The total Project installed capacity is up to 7.5 MWdc.

Q12. What is the Project surface average?

A12. The Project surface average is up to 40 acres.

Q13. Was the Project area assessed for any potential obstacles?

A13. Yes, an assessment for any potential obstacles was required as part of the permitting process.

Q14. Is there any preference for central inverters vs. string inverters?

A14. Yes, there is a preference for central inverters.

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Q15. Are all necessary permits already in place?

A15. Yes, all necessary permits are already in place.

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Attachment 1 – Statement of Work (SOW)

STATEMENT OF WORK (SOW)

Solar Power Purchase Agreement with WGL Energy Services

1.0 Background

The Embassy of Canada is committed to environmental sustainability, and has attained LEED Silver status in 2014.

Part of this ongoing commitment is a desire to utilize electricity from renewable sources, such as solar and wind.

The Embassy of Canada has been approached by WGL Energy Services and offered the opportunity to procure solar power. A new facility would be located on the Eastern Shore of Southern Maryland. Access to the power source is limited to foreign embassies located in the District of Columbia and offices of the US Department of State. The Project is supported and backstopped by the US Department of State.

2.0 Objective

Procurement of renewable power from a reputable vendor, at competitive price per kWh.

3.0 Scope of Work

3.1 Tasks, Activities, Deliverables and Milestones

The Embassy currently procures its power from WGL, a licenced retail electric supplier, through a purchase agreement that was written in the fall of 2012. The electricity provided to the Embassy is sourced by WGL from 100% national wind turbines. Transmission and delivery of electricity to the Embassy is provided by PEPCO – the sole provider of electrical distribution services within the District of Columbia. All invoicing for both supply and delivery is done by PEPCO. There is no requirement for any modifications to the Embassy electrical equipment or infrastructure, as all transmission and distribution remain unchanged. The only difference would be the origin of the electricity which would change from wind generation purchased on the open market, to solar which would be provided by a purpose built facility which would only generate electricity for foreign missions in Washington, DC and the US Department of State.

During the calendar year 2017, the Embassy used 3938 mWh of electricity.

A new power purchase agreement is required in early 2018 because the current contract is set to expire.

4.0 Reporting Requirements

Monthly invoices detailing power consumption - provided by PEPCO.

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5.0 Project Management Control Procedures

The Embassy is permitted to undertake a site visit of WGL's facility when complete. In the event that other Embassies back out of their obligations to WGL for purchase of solar power, the US Department of State has agreed to procure any shortfall power generation at the prescribed kWh rate – in effect backstopping the project.

6.0 DFATD Obligations

The Embassy is obligated to pay monthly invoices to the existing provider PEPCO. The Embassy is not required to modify its electrical infrastructure or equipment in any way to receive the solar power.

7.0 Location of Work, Work Site and Delivery Point

All power generation will take place off-site at the WGL facility in Maryland. Power transmission to the Embassy (501 Pennsylvania Ave., NW, Washington, DC 20001) would continue with PEPCO. No modifications to the power infrastructure of the Embassy are required.

8.0 Language of Work

English

9.0 Travel and Living

N/A

10.0 Expected Start and Completion Dates

Billing for solar power would commence once the solar facility is completed. The solar farm will be located in Crisfield, Somerset County, Southern Maryland. All site plan approvals are in place and the facility is scheduled to commence construction in the Spring of 2018. It is anticipated that the facility will be online for solar power generation in the Fall of 2018.