

Siemens Industry, Inc.
Energy Performance Services

January 14, 2022

Brian King
City of Lake Worth Beach Utilities

PROJECT NAME: City of Lake Worth Beach

REFERENCE: Interim Annual Service Agreement to Maintain Solar Array

Brian,

Siemens is pleased to submit this lump sum proposal as an Interim Annual Service Agreement to maintain the solar array, located in the City of Lake Worth, as outlined in Exhibit I of the Energy Services Agreement (ESA) between the City of Lake Worth Beach and Siemens Industry, dated September 15, 2015,

This Interim Annual Service Agreement will ensure the solar array, which was placed in service on August 17, 2017, and accepted by the City of Lake Worth as of Oct 18, 2019, per the letter received from Torcivia, Donlon & Goddeau, P.A., dated December 2, 2020, is being properly maintained prior to final "project" acceptance of the current ESA mentioned above.

This interim agreement will not change the actual start of the Performance Assurance Guarantee period associated with the solar FIM as outlined in the ESA.

Agreement Duration: Oct 1, 2021 – September 30, 2022

Statement of Work:

PV SOLAR ARRAY AT LANDFILL – POST INSTALLATION RESPONSIBILITIES:

On an annual basis, SIEMENS will provide documentation showing the current progress and status of the array, including:

- Actual system performance ratio
- Performance ratio guarantee level
- Guaranteed energy, shown monthly
- Actual energy shown monthly

The above data will be compiled and used in all calculations necessary to be included in the annual report

PV SOLAR ARRAY AT LANDFILL – MAINTENACE RESPONSIBILITES:

As part of the annual maintenance responsibilities, SIEMENS Shall:

- Maintain the solar array (the system) in good working order and operate the system in accordance with all manufacturers requirements, applicable laws, regulations, and ordinances.
- Repair any damage to City property (which shall not include normal wear and tear) caused by SIEMENS, its subcontractors or any person utilized by them, their employees, agents, contractors, or representatives.

- Perform maintenance and repairs in compliance with equipment and system warranties.
- Cooperate with City, at its request, in compliance with equipment and system warranties.
- Inspect the systems general site conditions, PV arrays, electrical equipment, mounting structure, Data Acquisition System, (DAS) and balance the system twice (2) per year.
- Test the system and the DAS, including string level open circuit voltage and DC operating amperage tests twice (2) per year.
- Conduct inverter preventative maintenance in compliance with all manufacturer's operations guidelines.
- IR scanning inspection once (1) each calendar year of PV equipment including combiner boxes, AC & DC disconnects, inverters, and points of interconnection.
- Any loose connections found will be re-tightened and appropriate wiring connections to design specification torque force in compliance with all manufacturer's guidelines.
- Inspect the array mounting structure, conduit runs and other physical components for wear or damage twice (2) each calendar year.
- Provide a written system maintenance report no later than ten (10) business days following the performance of any maintenance.
- Perform ground maintenance at the solar array project site, to include weed abatement and mowing under and around the solar array and equipment.
- Generate and coordinate claims for reimbursement and/or replacement under any available warranty from manufacturers, installers or other similar entities relating to the system (excluding substation/transmission lines and interconnection installed by others).

EXCLUSIONS:

- Substation/transmission lines and interconnection installed by others
- Washing of panels

QUOTE TO PERFORM THE WORK:

- Work will commence upon receipt of Purchase Order to SIEMENS for **\$41,793.97**

Any questions you may have concerning this proposal should be directed to the undersigned.

Southeast Implementation Manager

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