GUAM POWER AUTHORITY
ATURIDÅT ILEKTRESEDÅT GUÅHAN
P.O.BOX 2977 • HAGÅTÑA, GUAM U.S.A. 96932-2977

10/25/2022

AMENDMENT NO. VI:

TO

INVITATION FOR MULTI-STEP BID NO.: GPA-042-22

FOR

FADIAN PUBLIC PARKING LOT SOLAR CANOPY

Prospective Bidders are hereby notified of the following change and responses to inquiries received by Bidder No. 7 dated October 16, 2022 & October 18, 2022 and Bidder No. 8 dated October 17, 2022:

CHANGES:

1. Under Volume II – Technical and Functional Requirements:

REMOVE Page 115b of 212 and *REPLACE with* Page 115c of 212, Under 3.3.7 Procurement and Delivery of Parking Canopy, PV System, and Other Necessary Equipment K. (see attached):

Verbiage is changed:

FROM:
K. Remote Output Monitoring:
The PV system shall include meters and other auxiliary devices to allow for the monitoring of PV system output. Metering provision shall be installed at three location: PV batter output, and interconnection point. Also included are the necessary licenses for any software application

TO NOW READ:
K. Remote Output Monitoring:
The PV system shall include meters and other auxiliary devices to allow for the monitoring of PV system output. Metering provision shall be installed at three locations: PV output, battery output and interconnection point. Also included are the necessary licenses for any software application

Bidder No. 7 dated October 16, 2022:

QUESTION:

1. We're planning to apply boring/drilling on the footing foundations of all the Column Structures for the proposed Solar Public Parking Lot. Can we request a copy of the Boring and Soil Test result within the area of the proposed location of the Solar Public Parking Lot? The purpose of the said test result will the basis of the footing foundations design respectively.

RESPONSE:

Refer to the Site Subsurface Soil Investigation Report in Appendix R.

Bidder No. 8 dated October 17, 2022:

QUESTION:

1. Clarification: Please confirm ITC application is GPA's responsibility and bidders are just required to provide price proposal without ITC consideration.

RESPONSE:

Application and acquisition of the ITC associated with the project will be GPA's responsibility. The bidder does not need to indicate ITC considerations in their proposal. However, GPA may elect to transfer the ITC to the Contractor prevailing in this bid as part of payment for services and goods rendered to GPA. Contractor shall accept such towards payment.

QUESTION:

2. K. **Remote Output Monitoring:**
The PV system shall include meters and other auxiliary devices to allow for the monitoring of PV system output. Metering provision shall be installed at three location: PV batter output, and interconnection point. Also included are the necessary licenses for any software application

Clarification: "PV batter output" looks like a typo.

RESPONSE:

Kindly refer to *CHANGES* above.

Bidder No. 7 dated October 18, 2022:

QUESTION:

1. This is with regards the $2,000.00 penalty per day on the delay of the project upon issuance of the NTP. We are aware that due to the impact of pandemic to the global market industry, we may be experiencing delay on the fabrication and delivery period of the materials over the priority rated projects. I will presume that GPA Solar Public Parking Lot is not under the DOD-C2 priority rated project. If this will be the case, can the Guam Power Authority provide a letter that the said MS GPA-042-22 is covered by the priority rated project similar to the attached letter as reference to avoid experiencing difficulties by our vendors/suppliers/manufacturers in sourcing the raw materials and to expedite the production process of the intended materials for the Solar Parking Lot project.

   May we know if GPA management can provide a letter to whoever is the successful bidder pertaining to priority rating of the said solar project?

RESPONSE:

The project is not covered by DOD-C2. GPA will not provide a letter at this time. However, GPA will advise the Contractor if the status of the project changes in the future.

All other Terms and Conditions in the bid package shall remain unchanged and in full force.

for JOHN M. BENAVENTE, P.E.
General Manager

The CONTRACTOR shall submit to GPA the approved final design drawings in the following formats: hard copy of appropriate size, AutoCAD and PDF before construction commences.

* **3.3.7. Procurement and Delivery of Parking Canopy, PV System, and Other Necessary Equipment**

The CONTRACTOR shall be responsible for the procurement and delivery of all PV system, PV mounting equipment, parking canopy structure materials and other necessary equipment to construct and install this project in a turn-key manner.

The solar canopy shall comply with the following general specifications:

A. System Size:
The rated capacity of the PV system shall be at minimum 68 KWdc.

B. PV Module Tier 1:
PV Modules shall be Tier 1 PV modules

C. High Availability
The design shall consider systems with maintenance (routing preventative maintenance, inspections, tests, & adjustments) schedules that minimize interruption to normal system operations to allow for system high availability

D. Guarantee of Minimum Generation:
PV modules shall have at least a 10-year limited warranty that modules will generate no less than 90% and 20-year limited warranty that modules will generate no less than 80% of rated output under Standard Testing Conditions (STC).

E. Canopy Structure Height:
The PV canopies shall have the proper height clearances for parking lot traffic, including garbage trucks and freight trucks.

F. PV Source Circuit OCPDs:
All Overcurrent Protection Devices in the PV system shall have a minimum overcurrent size that is no less than 125% of the maximum PV circuit current

G. Footprint:
The solar canopy structure shall be erected within the public-access parking lot of the Gloria B. Nelson Public Service Building, and all associated facilities and equipment shall be placed entirely within GPA's property.

H. Marine, Anti-Corrosion Coating on all Metal Parts on Canopy Structure:
Any metal parts, if any, on the canopy structure must have effective protection of anti-corrosion coating suitable for wet, salty, sunny, corrosive, or abrasive environments or conditions.

I. Typhoons and Extreme Weather:
Due to the high potential for periodic extreme winds and the parking canopy being a structure exposed to those winds, the canopy and PV racking system must be designed to withstand 170 mph (76 m/s) sustained winds, and 195 mph (87 m/s) gusts.

J. Workmanship Warranty:
All construction and installation work under this project proposal shall include one (1) year workmanship warranty.

* K. **Remote Output Monitoring:**
The PV system shall include meters and other auxiliary devices to allow for the monitoring of PV system output. Metering provision shall be installed at three locations: PV output, battery output and interconnection point. Also included are the necessary licenses for any software application