



GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUÅHAN
P.O.BOX 2977 • HAGÁTÑA, GUAM U.S.A. 96932-2977

January 30, 2023

AMENDMENT NO.: IV

TO

INVITATION FOR MULTI-STEP NO.: GPA-012-23

FOR

RENEWABLE ENERGY RESOURCE ACQUISITION PHASE IV

Prospective Bidders are hereby notified of the following responses to inquiries received from Bidder No. 11 dated January 3, 2023:

QUESTION:

1. With regards to Interconnection requirement in section 1. Overview. Page 2 of the Invitation for Multi-Step Bid volume II states that it is "preferred" by GPA to connect to 115 kV transmission system near the Apra Substation or Harmon Substation.
 - a. Is it mandatory to connect only to 115 kV of Apra or Harmon Substation?
 - b. Will GPA allow interconnection to other substation (other than Apra and Harmon) with either 115 kV or 34.5 kV transmission system as called out in section 2.4.1 Interconnection?

ANSWER:

- a. No, it is not mandatory to connect to the 115 kV of Apra or Harmon Substation. Interconnection to the 115 kV line is preferred but designs which include interconnection to the 34.5 kV system will be accepted for evaluation. However, GPA will apply a 1% penalty factor to the prices of bids interconnecting to the 34.5 kV system. Since system losses are greater in 34.5 kV systems, these additional losses will also be factored into the price evaluation.
- b. Yes, interconnection to other substations, other than Apra and Harmon, will be permitted by GPA if determined to be feasible by the System Integration Study.

QUESTION:

2. Section 2.2.5 Limits on Renewable Energy Purchases, the Invitation for Multi-Step bid volume II page 6 limits the "amount of energy delivered from renewable resources to no more than 30MW (AC) at the interconnection point". Does this mean we need to provide separate interconnection point for every 30MW of energy provided? Say we provide 80MW, does this mean we need 3 interconnection points?

ANSWER:

The amount of power delivered is limited by the ampacity of the transmission line from the substation to the point of interconnection. For interconnections at the 34.5 kV level, the limit may be 30 MW (AC) or lower depending on the line ampacity, and shall be interconnected to separate transmission lines unless determined otherwise by the System Integration Study. The limit may be raised for interconnections at the 115 kV level if the transmission line has a higher ampacity.

QUESTION:

3. Section 2.4.4 System Integration, GPA will undertake a "System Integration Study" and will cost the bidder about \$40,000 to \$50,000 for a single project evaluation. Should the bidder consider multiple fees for multiple number of interconnections if GPA requires?

ANSWER:

The \$40,000 to \$50,000 fee applies to each project site per Bidder.

QUESTION:

4. Section 2.4.1 Interconnection. GPA is recommending an "underground loop system in and out of a new substation at the renewable generation facility at transmission level (34.5 kV and up) connecting up to an existing GPA transmission line". Is the underground system mandatory requirement?

ANSWER:

An underground loop system is recommended but not required.

QUESTION:

5. Section 2.4.1 page 8 states "The final interconnection agreement will be based on the recommendations from the System Integration Study to be completed for selected proposed project(s)". How will the contractor be re-imburse if the resulting cost of interconnection as determined by System Integration Study is higher than what the contractor consider during the bid?

ANSWER:

Bidders should include contingency costs in their bid price. However, if the resulting interconnection cost is higher than what the Bidder included in their bid price, then GPA may enter into negotiations with the Bidder to determine any compensation needed, or include the additional cost in the bid price and re-evaluate to determine the lowest bid.

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


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