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

May 26, 2021

AMENDMENT NO.: I

TO

INVITATION FOR BID NO.: GPA-040-21

FOR

PAD MOUNTED TRANSFORMER

Prospective Bidders are hereby notified of the following change and response to inquiries received from Bidder No.: 1 dated May 25, 2021 and Bidder No.: 2 dated May 25, 2021:

CHANGE:

Bid Opening Date is changed *FROM* 11:00 A.M., Thursday, June 03, 2021 *TO NOW READ* 11:00 A.M., Thursday, June 10, 2021.

Bidder No.: 1 inquiry dated 05/25/2021:

QUESTION:

1. In Item 6 of each spec, it indicates that a loss evaluation formula is required. I wanted to confirm the factors that we have from previous quotes are still correct.
   Po = No Load Losses (NLL) in KW (Provided by Bidder)
   Pk = Load Losses (LL) in KW (Provided by Bidder)

   See Section 6 of spec below:

6.0 LOSS EVALUATION

6.1. Each bidder shall submit with his bid the guaranteed load and no-load losses on each transformer submitted. Guaranteed load losses shall be provided at 85° C and shall be stated at the nominal voltage tap positions.

6.2. Guaranteed losses will be evaluated by GPA to determine the equivalent cost for owning and operating each transformer. The value of the transformer no-load and load losses will be determined by GPA at the time of purchase to arrive at the projected Total Cost of Ownership (TCO) as follows:

$$TCO = IC + A \times (P_o + P_{co}) + B \times (P_k + P_{cs} - P_{co})$$ Where:

P_o = No Load Losses (NLL) in kW **(Provided by Bidder)**

P_{co} = Power Consumption of Cooling Equipment at No Load Operation **(Zero Power Consumption of Cooling Equipment, unless otherwise provided)**

P_k = Load Losses (LL) in kW **(Provided by Bidder)**

P_{cs} = Power Consumption of Cooling Equipment at Rated Power Operation **(Zero Power Consumption of Cooling Equipment, unless otherwise provided)**

IC = Initial Transformer Cost **(Provided by Bidder)**

$A = t \times c_{n/2} \times (1 - (1/(1+i))^n) / i$

$B = u \times t \times c_{n/2} \times (1 - (1/(1+i))^n) / i$

$u = k^2$

t = Operating Hours per Year **(24 Hours/Day X 365 Days/Year = 8760 Hours)**

i = Discount Rate **(5% Used By GPA for Money Certificates Issued)**

n = Expected Lifetime of the Transformer in Years **(GPA Uses 25 Years)**

$c_{n/2}$ = Is the Cost of energy at the Mid-Life of the Transformer

ANSWER:

Per Section 6.1 of GPA Specifications E-003 and E-004,

"Each bidder shall submit with his bid the guaranteed load and no-load losses on each transformer submitted. Guaranteed load losses shall be provided at 85° and shall be stated at the nominal voltage tap positions."

A loss evaluation formula is not required to be submitted by the bidder. As specified in Section 6.2 of GPA Specifications E-003 and E-004, the TCO shall be calculated by GPA.

Bidder No.: 2 inquiry dated 05/25/2021:

QUESTION:

1. This is to confirm that our company will be participating in the following Bids:

   - GPA-064-20
   - GPA-002-21
   - GPA-006-21
   - GPA-040-21

   Also, is it possible if we can get a 1-week extension on the bid dates?

ANSWER:

Kindly refer to *CHANGE* above.

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

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

INVITATION FOR BID

ISSUING OFFICE:
Guam Power Authority
1st. Floor, Room 101
Procurement Management Materials Supply
Gloria B. Nelson Public Service Building
688 Route 15, Mangilao, Guam 96913

5/17/2021
for JOHN M. BENAVENTE, P.E. DATE
General Manager

DATE ISSUED: 05/20/2021 05/27/2021 BID INVITATION NO.: GPA-040-21

BID FOR: Pad Mounted Transformers

SPECIFICATION: See attached

DESTINATION: Guam Power Authority, Dededo Warehouse

REQUIRED DELIVERY DATE: 18 Weeks After Approved Drawings by Guam Power Authority

INSTRUCTIONS TO BIDDERS:
INDICATE WHETHER: _____ INDIVIDUAL _____ PARTNERSHIP _____ CORPORATION

INCORPORATED IN: _____

This bid shall be submitted in duplicate and sealed to the issuing office above no later than (Time) 11:00 A.M., Date: 06/03/2021 and shall be publicly opened. Bid submitted after the time and date specified above shall be rejected. See attached General Terms and Conditions and Sealed Bid Solicitation for details.

The undersigned offers and agrees to furnish within the time specified, the articles and services at the price stated opposite the respective items listed on the schedule provided, unless otherwise specified by the bidder. In consideration to the expense of the Government in opening, tabulating, and evaluating this and other bids, and other considerations, the undersigned agrees that this bid remain firm and irrevocable within one hundred twenty (120) calendar days from the date opening to supply any or all of the items which prices are quoted.

NAME AND ADDRESS OF BIDDER:

SIGNATURE AND TITLE OF PERSON AUTHORIZED TO SIGN THIS BID:

AWARD: CONTRACT NO.: _____ AMOUNT: _____ DATE: _____

ITEM NO(S). AWARDED: _____

CONTRACTING OFFICER:

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

NAME AND ADDRESS OF CONTRACTOR:

SIGNATURE AND TITLE OF PERSON