



QUEZON 1 ELECTRIC COOPERATIVE, INC.

Brgy. Pocol, Pitogo, Quezon

Telefax: (042) 318-8156

ISC-2024-003

INVITATION FOR SEALED CANVASS

March 26, 2024

Sealed Bids/Proposals/Quotations for the Supply and Delivery of the following item for QUEZELCO 1 shall be received by the Bids and Awards Committee until 5:00PM of April 2, 2024 . The bids/proposals/quotations will be opened on April 3, 2024 at 9:00AM.

| Item        | Quantity | Unit | Item Description  | Unit Cost (Php) | Total Amount (Php) |
|-------------|----------|------|---|-----------------|--------------------|
| 1           | 7        | Unit | Distribution Transformer, 15KV <sub>a</sub> (Amorphous type)  |                 |                    |
| 2           | 8        | Unit | Distribution Transformer, 25KV <sub>a</sub> (Amorphous type)  |                 |                    |
| 3           | 3        | Unit | Distribution Transformer, 100KV <sub>a</sub> (Amorphous type) |                 |                    |
| GRAND TOTAL |          |      |   |                 |                    |

Instruction to Bidder and Terms of Condition:

The following shall be included in the offer:

1. Warranty statement. The bidder obligates, guarantees and warrants that the items to be delivered are within the standards and specifications set by the cooperative. Upon completion, there will be a 2 year warranty or more.
2. Brochure or any document showing the technical specifications of the materials offered.
3. Authorization from the manufacturer to supply the goods valid for the current year.
4. The materials offered shall comply with the required specifications (See attached material specifications)
5. Delivery period shall be within thirty (30) to forty five (45) calendar days after receipt of Notice to Proceed.
6. The financial offer shall be listed on the space provided above.
7. The financial offer shall not exceed the Approved Budget Cost: **Php 1,980,000.00**
8. The ABC is VAT inclusive and the bid price should be VAT inclusive.
9. Term of payment : 90 days upon complete delivery
10. Term of Delivery - FOB Pitogo
11. Performance Bond of 5% of contracted price shall be posted within 5 days upon receipt of notice of award.
12. Price validity - 60 calendar days
13. Penalty Clause – 1/10 of 1% (0.1%)of the cost of the unperformed portion of the contract for every day of delay)

Additional Instructions:

1. Please send your quotations thru email using the designated BAC email address **quezelco1\_bac@yahoo.com.ph** and shall be addressed to “The Bids and Awards Committee”.
2. The subject shall bear the word “ **Bids for the Supply and Delivery of Distribution Transformer for Private Use (February 2024)** ”
3. The quotation shall be password protected. Password shall be sent on the day of opening (8:00 am).

QUEZELCO 1 reserves the right to reject any or all bids without offering any reason, waive any defect therein and accept the offer most advantageous to the cooperative.

For further inquiries you may contact our QUEZELCO 1 BAC Secretariat, Ms. Maria Teresa Caraig at mobile number 09688520659.

Noted by:

VICTOR R. CADA  
Acting General Manager

GERALD P. BAUTISTA  
BAC – Chairman

**QUEZON I ELECTRIC COOPERATIVE, INC.,**  
Poctol, Pitogo, Quezon

**MATERIAL SPECIFICATION**

**TRANSFORMER:**

- |   |   |  |
|---|---|--|
| a. Brand New                                | i. Copper-to-copper Winding indicated at the nameplate with certification from manufacturer.  | m. Transformer tank cover bolted lock type(4-6 bolt) |
| b. Conventional type                        | j. Transformer Oil (Non-pcb Oil) with certification from OIL manufacturer                     | n. Audible Sound Level limit                         |
| c. With Tap Changer                         | k. Transformer loss not more than NEA standard <u>with sample test result per kva rating.</u> |  |
| d. Amorphous Metal Core                     |   |  |
| e. 7620/13200Y, 120/240V                    |   |  |
| f. Pole Type                                |   |  |
| g. Single Phase, 60Hz                       |   |  |
| h. Sample of nameplate (drawing or picture) |   |  |

| kVA          | Average Sound Level (Decibels) |
|--------------|--------------------------------|
| 50 and below | 48                             |
| 75 - 100     | 51                             |
| 167 -250     | 55                             |
| 333          | 56                             |

**Minimum Oil Content:**

|  |            |
|--|------------|
| 10 kVA                                 | 40 Liters  |
| 15 kVA                                 | 50 Liters  |
| 25 kVA                                 | 60 Liters  |
| 37.5 kVA                               | 75 Liters  |
| 50 kVA                                 | 90 Liters  |
| 75 kVA                                 | 105 Liters |
| 100 kVA                                | 140 Liters |
| 167 kVA                                | 200 Liters |
| (with certification from Manufacturer) |            |

- l. Transformer tank
- Hot rolled steel, the tanks are MIG welded and possible leaks are tested using water immersion.
  - Metal is prepared by shot blasting and passes through a 7 stage cleaning and zinc phosphate bath.
  - Polyester powder coating is electro-statically sprayed drying to a 3 mil-minimum film.

**TRANSFORMER COPPER AND CORE LOSSES**

| RATING | CORE LOSSES | WINDING LOSSES | TOTAL LOSSES |
|--------|-------------|----------------|--------------|
| KVA    | Watts       |                |              |
| 5      | 8           | 75             | 83           |
| 10     | 12          | 120            | 132          |
| 15     | 15          | 195            | 210          |
| 25     | 18          | 290            | 308          |
| 37.5   | 30          | 360            | 390          |
| 50     | 32          | 500            | 532          |
| 75     | 45          | 650            | 695          |
| 100    | 50          | 850            | 900          |
| 167    | 65          | 1410           | 1475         |

Based on NEA standard for Electric Cooperative transformer losses.

**Minimum Transformer tank dimension**

| RATING | Width (mm) | Height H (mm) |
|--------|------------|---------------|
| 10     | 420        | 740           |
| 15     | 440        | 770           |
| 25     | 480        | 830           |
| 37.5   | 530        | 870           |
| 50     | 550        | 960           |
| 75     | 650        | 1110          |
| 100    | 750        | 1150          |
| 167    | 800        | 1200          |

Note:

The height of transformer measured excluded the primary bushing.

**Note: Transformer shall be accompanied by Confirming Statement of Warranty (minimum of 2 years)**

PREPARED BY:

**JONATHAN R. PINTANO**  
SMS-Head / TWG-Transformer

NOTED BY:

**RODERISAN B. PONCE**  
OMD-Manager

2/28/24

QUEZON I ELECTRIC COOPERATIVE, INC.

Brgy. Pocol, Pitogo, Quezon

Accreditation Requirements

Name of Company/Supplier/Representative: \_\_\_\_\_  
Address: \_\_\_\_\_  
Contact Number : \_\_\_\_\_  
EMAIL ADD: \_\_\_\_\_

| DOCUMENTS |   |
|-----------|---|
| 1         | DTI Registration name registration or SEC Registration Certificate  |
| 2         | Valid and current Mayor's Permit/Municipal License  |
| 3         | Taxpayer's Identification Number,   |
| 4         | BIR Value Added Tax Registration  |
| 5         | Certification that the bidder is not "blacklisted" or banned from bidding by the government or any of its agencies, officers, corporation or LGU's and other private corporations or electric cooperatives  |
| 6         | Compliance with EO # 398  |
|           | a.) Proof of VAT Payments for the past six months   |
|           | b.) Tax Clearance for the last two quarters   |
| 7         | On-going, completed or awarded contract not yet started within the relevant period specifying the following:  |
|           | a. Name of contract   |
|           | b. Date of contract   |
|           | c. Amount of the contract and value of outstanding contracts  |
|           | d. Date of delivery   |
|           | e. End user's acceptance if completed   |
| 8         | Company Profile   |
| 9         | Latest Income Tax Return  |
| 10        | Complete set of Audited Financial Statements, stamped "received" by the BIR or its duly accredited and authorized institutions, for the immediately preceding calendar year, showing, among others, the prospective bidder's total and current assets and liabilities |
| 11        | Articles of Incorporation, Partnership or Cooperation, whichever is applicable  |
| 12        | A certification under oath from the bidders responsible officers that the bidders is free and clear of all liabilities with the government  |
| 13        | Valid Registration with Philippine Contractor Accreditation Board (PCAB) with specialization in electrical works and with at least small B size range Classification (C and D category)- for contractor only  |

Email Address:  
[quezelco1\\_bac@yahoo.com.ph](mailto:quezelco1_bac@yahoo.com.ph)