



# NEECO II AREA 1

NUEVA ECILJA II ELECTRIC  
COOPERATIVE, INC. – AREA I  
Calipahan, Talavera, Nueva Ecija  
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## NEECO II-AREA 1's Invitation for Bid No. NE-II-A1-2018-EPO1

Reference with Board Resolution No. 06-30-18, Series of 2018, the Nueva Ecija II Electric Cooperative- Area 1 (NEECO II-Area 1) invites sealed Bids from eligible bidders for the following:

### 1.0 TECHNICAL SPECIFICATION

#### 1.1 Power Transformer 69/13.2 kV - 1 set

Three Phase, 60Hz, Conservator Type, ONAN/ONAF, Mineral Oil Filled, Outdoor Type, Built and Tested in accordance to applicable IEC/IEEE Standards.

Manufacturer	:	
Capacity	:	10/12.5 MVA
Primary Voltage	:	69 kV Delta
	:	2 x 2.5% taps FCAN and 3 x 2.5% FCBN, available on tap changer for De-energized operation
Primary BIL	:	350 kV
Installation	:	Outdoor
Filling Medium	:	Mineral Transformer Oil
Standard	:	IEC /IEEE (IEC 60076)
Type of Cooling	:	ONAN /ONAF (10/12.5 MVA)
Rated Voltages	:	69± 3 x 2.5%/13.2 kV
Secondary BIL	:	110 kV
Insulation Level	:	LI 325 AC 140/LI 95 AC 38
Rated Frequency	:	60 Hz
Connection	:	Dyn 11
Temperature Rises	:	
Average Winding	:	65 K
Top Oil	:	60 K
Ambient Temperature	:	
Max.	:	+40 °C
Min.	:	-25 °C
No-load losses at rated voltage And rated frequency	:	12.5 kW (or lower)
Load losses at 10 MVA And rated voltage	:	47.5 kW (or lower)
Short-circuit impedance at 10 MVA And rated voltage	:	7.5 %
Type of bushings	:	
HV	:	Condenser
LV	:	Porcelain
Masses	:	
Total	:	20500 kg
Oil	:	4500 kg
Transport	:	17500 kg
Dimensions	:	
Overall length	:	4100 mm
Overall width	:	3200 mm
Overall height	:	3500 mm

#### Transformer Equipment:

- Buchholz relay
- Oil level indicator
- Silicagel breather
- Oil temperature indicator
- Pressure relief device

#### Standard Accessories:

- Three (3) units Condenser Type HV Bushings

- 4 units Porcelain LV Bushing, including Neutral
- Dial type Liquid Temperature Indicator with alarm contacts
- Magnetic Liquid Level Gauge with alarm contacts
- Winding Temperature Indicator with alarm contacts
- Externally Operated Tap Changer for de-energized operation
- Pressure Relief Device
- Pressure Vacuum Pipe
- Top Filter Press Pipe
- Drain Valve with Oil Sampling Device
- Lifting and Jacking Provisions
- Ground Terminal with Eyebolt Connector
- Diagrammatic Nameplate
- Cooling Fans
- Double Float Buchholz Relay with alarm contacts
- Conservator Tank with Silica Gel Breather
- Terminal Box
- One (1) unit 69kV Spare HV Bushing
- One (1) unit 15 kV Spare LV Bushing

**OTHER TERMS:**

- |  |   |  |
|--|---|--|
| 1. Guaranteed Delivery Date  | : | Specify  |
| 2. Warranty  | : | Attach Manufacturer's Certificate of Warranty  |
| 3. Validity  | : | Specify Price Validity   |
| 4. Duration of Work  | : | At Least 7 calendar days from date of delivery on site                                 |
| 5. After Equipment parts and Accessories<br>Commissioning Sales Services | : | 2 years after sales services   |
| 6. Work Inclusions   | : | Dismounting of Existing Power Transformer and Installation, Testing and Commissioning. |

Interested bidders must be previously accredited and/or for those interested bidders who may want to participate can be accredited by submitting complete accreditation requirements, and upon full payment of non-refundable accreditation fee of FIVE THOUSAND PESOS (Php5,000.00).

**List of Accreditation Requirements:**

- 1) DTI Business name registration or SEC registration certificate
- 2) Valid and current Mayor's permit/municipal license
- 3) Tax payer's identification number
- 4) BIR Value Added Tax registration
- 5) Notarized Certification that the appraiser is not black listed or banned from bidding by the government or any of its agencies and other private corporations or electric cooperatives.
- 6) Compliance with EO #398
  - a. Proof of VAT payment for the past six months
  - b. Tax clearance from the BIR 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 contract and value of outstanding contracts
  - d. Date of Delivery
  - e. End-user's acceptance if completed
- 8) Company Profile

**Sealed proposals shall be received by the BAC on July 10, 2018 until 5:00PM and shall be addressed to the BAC chairman at the following address:**

**Ms. Edna Libunao  
BAC Chairman  
Nueva Ecija II Electric Cooperative, Inc.-Area 1  
Calipahan, Talavera, Nueva Ecija**

For further inquiries, please contact Ms. Set Pauline M. Feliciano at (044) 411-1007 local 110 or email at bac\_neeco2area1@yahoo.com.ph

NEECO II-AREA1 hereby reserves the right to reject any or all bids, to waive any formality or technicality defects therein, and accept the bid that is most advantageous to the NEECO II-AREA1, and to annul the bidding process and not award the contract at any time prior to contract award without incurring any liability to any bidder or party.

Finally, NEECO II -AREA 1 assumes no obligation to compensate any bidder or any party for any loss or expense incurred in the preparation of the bid or participation in the bidding process.

**Ms. Edna Libunao  
BAC Chairman**

**Engr. Nelson Dela Cruz  
General Manager**