



NEECO II AREA 1

NUEVA ECIJA 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-S08

Reference with Board Resolution No. 06-28-18, Series of 2018, the Nueva Ecija II Electric Cooperative- Area 1 (NEECO II-Area 1) invites sealed Bids from eligible bidders for Repair/Rewind of One (1) units 5MVA Power Transformer at Quezon Substation with the following scope of works:

1.0 SCOPE OF WORK:

- 1.1 Mobilization of Personnel & Equipments.
- 1.2 Visual inspection and conduct initial testing as bench mark.
- 1.3 Drain insulating oil
- 1.4 Dismantle of HV/LV Bushing
- 1.5 Dismantle top cover, HV Bushing, LV Bushing & Accessories.
- 1.6 Un-tanking of oil/core assembly.
- 1.7 Dismantle top cover yoke assembly and top cover.
- 1.8 Dismantle damaged primary and secondary coil from core legs Phase B only.
- 1.9 Dismantle damaged HV coil and LV coil and gather data.
- 1.10 Re-insulate that wire using retaping machine.
- 1.11 Rewinding of coil using gather winding data.
- 1.12 Re-install coils into cover yoke and install top core assembly.
- 1.13 Connect tapping leads and terminal cables.
- 1.14 Oven baking of primary/secondary winding using Strip Heater and Infra Red.
- 1.15 Conduct pretesting prior for banking.
- 1.16 Monitoring of Insulation Resistance Test (MEGGER) every 4 hours interval until it reach the required insulation and winding resistance test.
- 1.17 Cleaning of Transformer tank other all accessories and fabricate new amorin cork gasket.
- 1.18 Pre heat the HV/LV bushing
- 1.19 Tanking Procedure
 - 1.19.1 Retank coil/core assembly (Bolted Type)
 - 1.19.2 Refill Transformer oil for hot oil flushing of core/coil assembly
 - 1.19.3 Seal main tank after hot oil flushing and start vacuuming until reach 1 TORR
 - 1.19.4 Final refilling of insulation oil using high vacuum purifying machine
 - 1.19.5 Hot oil circulation for at least 4 to 8 hours
 - 1.19.6 Periodic testing of insulating oil
 - 1.19.7 Cool down transformer and release for trap air in bucholz relay. Cooling fins, oil pipes HV/LV bushing pockets and tank cover
- 1.20 Perform final testing and inspection
 - 1.20.1 Insulation Power Factor/Capacitance Dissipation Factor Test
 - 1.20.2 Bushing Hot Collar Test
 - 1.20.3 Excitation current Test
 - 1.20.4 Insulation resistance Test
 - 1.20.5 Winding resistance Test
 - 1.20.6 Polarization Index Test
 - 1.20.7 Transformer Turn Ratio Test
- 1.21 Final Leak Correction and venting of air.
- 1.22 Housekeeping
- 1.23 Submit final test report and acceptance
- 1.24 Delivery of transformer to site by contractor

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 4, 2018 until 5:00PM and shall be addressed to the BAC chairman at the following address:

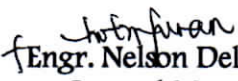
**Ms. Edna Libunao
BAC Chairman
Nueva Ecija II Electric Cooperative, Inc.-Area 1
Calipahan, Talavera, Nueva Ecija**

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**