

**PROJECT :** SUPPLY, DELIVERY, INSTALLATION, TESTING & COMMISSIONING OF TRANSFORMER UNIT, CONCRETE POLE AND MOUNTING ACCESSORIES INCLUDING APPLICATION OF ELECTRICAL CONNECTION FOR DBP VIGA BLU  
**LOCATION :** G/F MUNICIPAL BLDG., D. ALCALA ST., SAN VICENTE, VIGA, CATANDUANES  
**SUBJECT :** TECHNICAL SPECIFICATIONS

**MODE OF PROCUREMENT: SMALL VALUE PROCUREMENT (GOODS & SERVICES)**

**I. APPROVED BUDGET FOR THE CONTRACT:**

**THREE HUNDRED FORTY THOUSAND PESOS - Php 340,000.00** (inclusive of VAT/applicable taxes)

**II. TECHNICAL SPECIFICATIONS:**

| Item No.                                  | Particulars                                                    | Quantity | Specifications                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------|----------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Transformer Unit and Concrete Pole</b> |                                                                |          |                                                                                                                                                                                                                                                                                                                                                   |
| 1                                         | <b>Transformer unit, Wires/Cables and Mounting Accessories</b> | 1 set/s  | Pole mounted distribution transformer for the total load requirement = 14.51KVA, Actual no/s. and rating of transformer will be based on final recommendation of Electric Cooperative of Viga, Catanduanes (Inclusive of mounting accessories, Primary, Secondary wiring, all necessary components for the transformer to function properly and). |
| 2                                         | <b>Concrete pole/ transformer pad</b>                          | 1 lot    | Based on final recommendation of Electric Cooperative of Viga, Catanduanes                                                                                                                                                                                                                                                                        |
| <b>Wires and Cables</b>                   |                                                                |          |                                                                                                                                                                                                                                                                                                                                                   |
| 3                                         | <b>38mm<sup>2</sup> THHN stranded</b>                          | 90 m     | All wires and cables shall be 600-volt grade, made of copper, lead-free, and soft-annealed, capable of withstanding a 130° C emergency overload condition, and must be UL-listed for safety and quality compliance.                                                                                                                               |
| 4                                         | <b>14mm<sup>2</sup> THHN stranded</b>                          | 45 m     |                                                                                                                                                                                                                                                                                                                                                   |

| Pipes and Fittings |                                                        |        |                                                                                                                                                                                                                             |
|--------------------|--------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5                  | 40mmØ PVC pipe (3m/pc) with adapter and locknut        | 15 pcs | PVC conduits and fittings shall be unplasticized Polyvinyl Chloride (uPVC), schedule 40, and uniformed wall thickness. It shall be compression and impact resistant, non-corrosive, weatherproof, made of superior quality. |
| 6                  | 40mmØ PVC elbow                                        | 6 pcs  |                                                                                                                                                                                                                             |
| 7                  | 40mmØ PVC coupling                                     | 15 pcs |                                                                                                                                                                                                                             |
| 8                  | 40mmØ PVC Clamp Support                                | 5 pcs  |                                                                                                                                                                                                                             |
| Other Accessories  |                                                        |        |                                                                                                                                                                                                                             |
| 9                  | 40mmØ Service Entrance Cap                             | 1 pcs  | PVC                                                                                                                                                                                                                         |
| 10                 | Grounding rod                                          | 1 pcs  | (3/4" x 3m) – Galvanized steel                                                                                                                                                                                              |
| 11                 | Grounding clamp                                        | 1 pcs  | Galvanized steel                                                                                                                                                                                                            |
| 12                 | Consumables (tape, tagging, PVC cement, & accessories) | 1 lot  |                                                                                                                                                                                                                             |
| 13                 | Testing and commissioning                              | 1 lot  |                                                                                                                                                                                                                             |
| 14                 | Permanent power application                            | 1 lot  |                                                                                                                                                                                                                             |

The Supplier must supply or install items, materials, and products that comply with the certification requirements issued by the Bureau of Philippine Standards of Department of Trade and Industry (DTI-BPS).

Notes:

- Distribution transformer's specification, rating and actual number shall be based on the final recommendation of Local Electric Cooperative.

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- Distribution transformer shall be calibrated and tested by the service provider prior to installation.
- Supplier shall submit proof of test results or approval from the service provider through certification/ transmittal or tampered-proof seal.

### III. CONDITIONS OF THE CONTRACT:

1. The Supplier shall conduct ocular site inspection and verification of the actual construction/ installation area.
2. All wires required (primary & secondary wires), mounting accessories shall be provided by the supplier to complete all requirements to operate the Single-Phase Distribution Transformer.
3. The Supplier is responsible for providing and installing the feeder line, conduits, service entrance, and all other necessary accessories. This includes any chipping, demolition and trenching required for a proper installation.
4. The Supplier shall submit all necessary documents and pay all applicable fees for permanent power application (including Bill deposit, care of DBP) until final connection.
5. The Supplier shall provide necessary temporary protection for the work areas affected by the activities.
6. The Supplier shall submit all documents via email to [virac@dbp.ph](mailto:virac@dbp.ph) and [cfmd@dbp.ph](mailto:cfmd@dbp.ph).
7. The Supplier must submit sample/s of materials/technical specifications and shop drawings related to the project for approval by DBP before fabrication/installation. DBP reserves the right to reject delivery if the item/s or are found to be defective or do not meet the required specifications or model.
8. DBP may terminate/cancel the Purchase Order (PO) when the Supplier fails to deliver, perform and comply with its obligation.
9. **Delivery Period:** The Supplier shall complete the project within Thirty (30) calendar days after receipt of Notice to Proceed (NTP).

10. **Point of Delivery:** G/F Municipal BLDG., D. Alcala St., San Vicente, Viga, Catanduanes

11. **Warranty:** One (1) year warranty upon acceptance of items by DBP.

#### **IV. DOCUMENTARY REQUIREMENTS:**

Interested Supplier/s must submit the following documents:

- Proposal/Quotation
- Proof PhilGEPS Registration
- 2025 Mayor's/Business Permit
- Omnibus Sworn Statement
- Secretary Certificate (for Supplier under Partnership/Corporation)
- Signed Request for Quotation (RFQ)

#### **V. PAYMENT:**

**ONE-TIME, FULL PAYMENT** shall be processed be after completion of the project subject to submission of following complete documents:

1. Project Pictures
2. Invoice/Billing Statement
3. Certificate of Completion/Acceptance (as applicable)

#### **VI. LIQUIDATED DAMAGES:**

Once the contractor fails to satisfactorily complete the works under the contract within the specified contract duration, inclusive of duly granted time extensions, if any, the contractor shall be liable for liquidated damages in an amount equal to at least one-tenth (1/10) of one percent (1%) of the cost of the unperformed portion of the works for every day of delay.

In computing liquidated damages, the DBP shall determine the usability of the project. A project or a portion thereof may be deemed usable when it starts to provide the desired benefits as certified by the targeted End-User or Implementing Units and the DBP.

To be entitled to liquidated damages, the DBP does not have to prove that it has incurred actual damages. Such amount shall be deducted from any money due, or which may become due the contractor under the contract, collected from the retention money or other securities posted by the contractor, or a combination thereof, whichever is convenient to the DBP.

In case the total sum of liquidated damages reaches ten percent (10%) of the total contract price, the DBP may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances. This does not, however, preclude the DBP in resorting to Termination of Contract under Section 71.4 of the IRR of R.A. 12009.

Recommended by:

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-signed-  
**MARK GIL H. BAYOS**  
Branch Services Officer, DBP Virac Branch

Approved by:

-signed-  
**BRENDA G. BRIZO**  
Head, DBP Virac Branch

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