

PROJECT: SUPPLY, DELIVERY, INSTALLATION AND TESTING & COMMISSIONING OF 125KVA, 3-PHASE GENERATOR SET AT DBP APARRI BRANCH
LOCATION: DBP BUILDING MAHARLIKA HIGHWAY, MACANAYA DISTRICT APARRI CAGAYAN
SUBJECT: SCOPE OF WORKS AND TECHNICAL SPECIFICATIONS

I. Approved Budget for the Contract:

**IN PESOS: TWO MILLION PESOS (P2,000,000.00) ONLY
INCLUSIVE OF ALL APPLICABLE TAXES**

Description	Total Quantity
125KVA, 3-PHASE GENERATOR SET	One (1)

II. Technical Specification:

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

Notes:

- Refer to annex A for technical specification.
- Supplier shall provide and install One (1) Brand new unit Automatic Transfer Switch (ATS) compatible with the generator set, magnetic contactor rated amperes (base on the capacity of the generator unit to be supplied).
- Supplier shall provide and install programmable digital controller with minimum LCD Display features: Voltage (V), Frequency (Hz), Auto/Manual, and Minimum Keypad Controls: Power on/off, operation Manual/Automatic.
- Supplier shall provide and install NEMA3R enclosure gauge #16 sheet powder coated fully bolted enclosure with twist-lock and key.
- Generator set shall comply with the standards of ISO 9001, ISO14001, and provide OEM certificate.

III. CONDITIONS OF THE CONTRACT:

1. The Supplier must conduct inspection and verification of the actual area of construction/ installation.
2. All necessary pipes, wires/cables, supports and accessories shall be provided by the supplier to complete all requirements to operate the 125KVA, 3 Phase Generator set.
3. The Supplier shall restore the affected ceiling, wall, floor, etc. during the removal/dismantling of existing generator set & installation of new generator set. Any damages take place will be charged accordingly.

4. The Supplier to provide the generator set full tank of fuel for testing and commissioning;
5. The Supplier shall submit all documents (PTO, DENR, and EMB requirements, PME signed and sealed) and pay all fees necessary for generator set to operate;
6. The Supplier shall also submit all the documents through email. (Branch email and cfmd@dbp.ph)
7. The Supplier to provide necessary temporary protection on the work areas affected by the activities.
8. The Supplier must submit sample/s of materials/technical specification/shop drawing related to the project for approval by DBP before fabrication/installation. DBP has the right to reject delivery if item/s delivered were found to be defective and not according to the required specifications/model.
9. DBP may terminate/cancel the Purchase Order (PO) when the Supplier fails to deliver, perform and comply with its obligation.
10. **Delivery and Installation Period:** The Supplier shall complete the project within 30 days (30) calendar days after receipt of Notice to Proceed (NTP).
11. **Warranty:** One (1) year warranty upon acceptance of items by DBP.
12. **Performance Security:** To guarantee the faithful performance of obligations, the winning supplier is required to post within ten (10) calendar days from receipt of Notice of Award, a performance security (to expire upon completion of the project) in any of the following forms and percentages:

Forms of Performance Security	Minimum % of Contract Price
Cash, cashier's/manager's check issued by a Universal or Commercial Bank.	Five Percent (5%)
Bank draft/guarantee or Irrevocable letter of credit issued by a Universal of Commercial Bank; Provided, however, that it shall be confirmed or authenticated by a Universal of Commercial Bank, if issued by a foreign bank.	
Surety Bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Thirty Percent (30%)

IV. DOCUMENTARY REQUIREMENTS:

Interested Supplier/s must submit the following documents:

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

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V. PAYMENT:

1. Payment shall be processed after completion of the project subject to submission of complete documents for payment (i.e. Invoice/Billing Statement, Certificate of Completion/Acceptance).
2. For every day of delay, 1/10 of 1% (0.001) of the price of undelivered item/s shall be deducted from the payment, in case the Supplier fails to deliver the items on time. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of PO/NTP, DBP may rescind or terminate the contract, without prejudice to other courses of action and remedies open to it.

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Recommended by:

signed

ELIMAR C. TIME
Acting Head, DBP Aparri

Approved by:

signed

FVP MARIA DOLORES C. GUEVARA
Head, Branch Banking Group – Northern Luzon



TECHNICAL SPECIFICATIONS

125KVA, THREE PHASE GENERATOR SET FOR DBP APARRI BRANCH

ENGINE:

- Rating : 125KVA
- Engine Speed : 1800RPM
- No. of Cylinders (Bore/Stroke) : ≥ 4 (80mm / 90mm)
- Displacement : $\geq 1.2L$

FUEL SYSTEM:

- Fuel Tank Capacity : $\geq 60L$ (Diesel)
- Lube Oil Capacity : $\geq 4L$
- Coolant Capacity : $\geq 6L$

BATTERY PARAMETERS:

- Battery Capacity : $\geq 12V, 65AH$
- Battery Type : Lead Acid Battery with suspended Electrolyte or equivalent

ALTERNATOR:

- Output Rating : $\geq 125KVA$ (continuous/prime power)
- Rated Voltage Range : 208 to 240V / 330 to 440V
- Frequency : 60Hz $\pm 5\%$
- No. Of Phases : 3-Phase, 3-wire + ground
- Power Factor : 0.8 (Lagging)
- Voltage regulation (%) : Within ± 1.5
- Insulation type : \geq Class H
- Energizer (Exciter) Type : Brushless, Rotating Energizer with Automatic Voltage Regulator

CONTROL SYSTEM:

- Automatic Controller : Integrating digital, programmable, network technology for automation and monitoring
- Features : Implements an automatic starting / stopping, data measurements, & alarm protection function of the generator set.
- Accessories : Voltmeter, Ammeter, Frequency, Water temperature Gauge, Battery condition meter, Hours run meter, Mode selector (Auto, Run, Off), Set mounted MCCB, Cubicle for Genset