

Technical Specifications/Requirement

PROJECT	FIVE (5) LOTS- SUPPLY, DELIVERY, INSTALLATION, TESTING, AND COMMISSIONING OF FOURTEEN (14) INVERTER AIR CONDITIONING UNITS FOR THE WARD BRANCHES OF THE DEVELOPMENT BANK OF THE PHILIPPINES BRANCH BANKING GROUP-WESTERN VISAYAS Bid Reference No. G-2024-03
LOCATION	VARIOUS WARD BRANCHES OF BRANCH BANKING GROUP-WESTERN VISAYAS
SUBJECT	SCOPE OF WORKS / TECHNICAL SPECIFICATIONS

The project shall cover the removal or dismantling of existing ACUs, and supply and installation of inverter type air conditioning units at concerned DBP Branches

MODE OF PROCUREMENT: PUBLIC BIDDING

- I. APPROVED BUDGET FOR THE CONTRACT (ABC) IN PESOS: TWO MILLION EIGHT HUNDRED EIGHTY THOUSAND PESOS ONLY (PhP2,880,000.00) (VAT/Applicable Taxes Inclusive) broken down as follows:**

Branch	Address	Description Qty	Total	PRICE PER UNIT (₱)	TOTAL PRICE (₱)
1. BBG-WV	Cor. So. Capitol Rd.- Lacson St.	Floor Mounted, 10 Tonner	1	750,000.00	750,000.00
2. Dumaguete	Rizal Blvd., Dumaguete City	Wall Type, 3 HP	2	160,000.00	320,000.00
		Wall Type, 2 HP	2	120,000.00	240,000.00
		Floor Mounted, 5 Tonner	1	250,000.00	250,000.00
Siaton BLU	Municipal Bldg., Progreso St.	Wall Type, 2 HP	1	120,000.00	120,000.00
3. Kabankalan	Cor. Lirazan St.- Bonifacio St.	Floor Mounted, 3 Tonner	1	350,000.00	350,000.00
4. Pototan	Milagros Bldg., RY Larido St.	Ceiling Type, 3 Tonner	1	200,000.00	200,000.00
5. Roxas	Grd. Flr., Capiz Gov't. Bus. Ctr., Prov'l. Park	Wall Type, 2 HP	2	100,000.00	200,000.00
		Floor Mounted, 3 Tonner	3	150,000.00	450,000.00
		TOTAL	14		2,880,000.00

II. SCOPE OF WORKS / TECHNICAL SPECIFICATIONS

The Supplier shall hold all obligations, duties, and responsibilities necessary to the successful completion of the activities to be undertaken, including skilled manpower, materials, tools, equipment, and services thereof in accordance with the specifications and all addenda prepared by DBP.

1. Dismantling/Removal of existing units Ceiling Cassette Type Air Condition including but not limited to indoor units, outdoor units, connecting pipes, breakers, brackets, and accessories.

Dismantled units shall be transferred to and properly piled-up at the storage area designated by DBP personnel within the concern branches.

2. Supply, delivery and installation of a total of 14 units as required by branch concern:

TECHNICAL SPECIFICATIONS

CAPACITY	Energy Efficiency Ratio (EER) or Cooling Seasonal Performance Factor (CSPF) (minimum)	Power Supply	Refrigerant	Unit Type
10TR Floor Mounted	≥ 9.8 Kj/W-hr or ≥ 4.01 Wh/Wh (5 star)	208-230V, 3P, 60Hz	R410A or R32	Inverter
5TR Floor Mounted	≥ 10.0 Kj/W-hr or ≥ 4.01 Wh/Wh (5 star)	208-230V, 1P, 60Hz	R410A or R32	Inverter
3TR Floor Mounted	≥ 10.6 Kj/W-hr or ≥ 4.01 Wh/Wh (5 star)	208-230V, 1P, 60Hz	R410A or R32	Inverter
3TR Ceiling Cassette	≥ 10.8 Kj/W-hr or ≥ 4.01 Wh/Wh (5 star)	208-230V, 1P, 60Hz	R410A or R32	Inverter
3HP Wall Mounted	≥ 11.0 Kj/W-hr or ≥ 4.01 Wh/Wh (5 star)	208-230V, 1P, 60Hz	R410A or R32	Inverter
2HP Wall Mounted	≥ 12.1 Kj/W-hr or ≥ 4.01 Wh/Wh (5 star)	208-230V, 1P, 60Hz	R410A or R32	Inverter

3. Testing and commissioning of delivered units.

III. OTHER WORKS AND REQUIREMENTS/CONDITIONS:

- The Supplier must comply with the latest DOH, DOLE and LGU protocols inside the concern branch.
- The Supplier must conduct inspection and verification of actual location and measurements of air conditioning units and accessories to be replaced. Inspection and verification activities must be done in the presence of DBP Admin personnel.
- The Supplier shall provide the services of superintendent who shall be constantly in charge of the installation works, together with all skilled workmen and labor required to dismantle/remove the existing ACUs with the appurtenances; and unload, transfer install, connect-up, adjust, start, operate and test the Units.

4. The air conditioning units must bear Philippine Standards (PS) mark/sticker for locally manufactured units or Import Commodity Clearance (ICC) sticker for imported units.
5. The Supplier shall be responsible for the restoration of existing structures damaged during installation and ensure that cleanliness level in the working area is being maintained and in compliance with applicable safety and environmental laws and regulations for the entire duration of the project.
6. The Supplier shall supply and install individual outdoor circuit breakers, drainpipes to the nearest floor drain, and to include PVC pipes and fittings, rubber insulations, and supports and hangers for each air conditioning units.
7. Defective works, equipment and materials may be rejected by DBP at any time before the final acceptance of the work, and replaced in accordance with the specifications, with the resulting expenses chargeable to Supplier's account.
8. Workers should wear their company uniform and I.D within the DBP Branches premises.
9. The Supplier shall designate or employ a Safety Officer (SO1 Category) to monitor and inspect any health or safety aspect of the project.
10. The Supplier shall be fully responsible for the safety of his men (to be provided with Personal Protective Equipment) and clearly understands and agree that no employer-employee relationship shall exist between the Supplier's men and the DBP. Any damage caused by the Supplier or his men to any property of the DBP or injury or death to a third party shall be the sole responsibility of the Supplier and the latter shall pay the cost or shoulder the burden thereof.
11. **As-built Plans/Drawings** of winning Supplier shall be submitted to DBP in five (5) photocopies plus one (1) original, duly sealed and signed by a Professional Mechanical/Electrical Engineer (PME or PEE).
12. The Supplier must turn over the ACU accessories and manuals and must schedule and conduct orientation to the DBP branch personnel for the maintenance and upkeep of the installed ACUs. Orientation must be scheduled after installation and testing and commissioning are completed.
13. All additional items, materials and workmanship not included in the scope of works but found necessary to complete the project and meet its objectives shall be for the account of the Supplier.

IV. COMPLETION RECORD

The project shall be completed within **SIXTY (60) calendar days** after the receipt of Purchase order (P.O.) or Notice to Proceed (N.T.P.).

V. PAYMENT

1. No Down Payment or Partial Payment.
2. Payment shall be processed only upon issuance of Certificate of Completion and Acceptance (COCA) by DBP. COCA shall be issued by DBP after completion of the following activities:
 - a. Testing and commissioning of the units of ACU for six (6) hours.
 - b. Training and orientation for all maintenance and housekeeping personnel on the basic operation of the ACUs.
 - c. Turn-over of ACU's user manuals and remote controls to DBP Admin.

VI. WARRANTY

The Supplier shall warrant that the goods subject to the Purchase Order are free from latent defects which are not apparent during the inspection and testing periods.

In case of defect and/or any occurrence of malfunction within one (1) year from completion, the Supplier shall be required to replace/repair the affected part/s with another new part/s with the same brand and model at no cost to DBP.

Preventive maintenance services for all units shall also be conducted by the contractor six (6) months after the completion of the project at no cost to the bank.

For the compressor, the warranty period is five (5) years.

VII. LIQUIDATED DAMAGES

The Supplier must pay DBP liquidated damages, not by way of penalty, an amount equal to one-tenth (1/10) of one percent (1%) of the cost of delayed goods scheduled for delivery for every day of delay. The liquidated damages will be imposed until such goods are finally delivered and accepted by DBP.

In no case shall the total sum of liquidated damages exceed ten percent (10%) of the contract price, in which event the procuring entity concerned may rescind the Purchase Order and impose appropriate sanctions over and above the liquidated damages to be paid.

VIII. OGCC REVIEW

The Parties acknowledge that the Agreement is still subject to the review/clearance of the Office of the Government Corporate Counsel (OGCC). Accordingly, the Parties agree to supplement/amend/restate the Agreement and incorporate the additional comments/revisions which the OGCC may impose in its review/clearance Memorandum, with effect from the date of signing hereof.

IX. DOCUMENTARY REQUIREMENTS FOR THE BID OPENING

1. Duly signed statement of Single Largest Completed Contract (SLCC) which is similar in nature to the contract to be bid amounting to at least fifty percent (50%) of the ABC.
“Similar Contract” shall mean supply, delivery and installation of inverter type air conditioning system for office space or buildings.
2. Product brochure with technical description.
3. Certificate/proof of brand authorization as dealer or distributor

