



ROMBLON STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiongan, Romblon 5505
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BID BULLETIN

Clarification No. 1

Solicitation No.: RSU-2024-11-099

- TO** : All Prospective Bidders
- SUBJECT** : Change/Modification of the Specifications in all attached/associated documents in the Philippine Bidding Documents (PBDs), Specifications, and Bill of Quantities.
- DATE** : 10 December 2024

This Bid Bulletin is issued to inform all prospective bidders of the change/modification of the specifications in all attached/associated documents in the PBDs, Specifications, and Bill of Quantities. Please take notice of these changes.

Refurbishment of RSU Gymnasium at the Main Campus (ABC: PhP16,961,600.00)

FROM

Item No:	Description	Qty.	Unit	Statement of Compliance
1	<p>Refurbishment of University Quadrangle</p> <p>Scope of Work:</p> <p>I. Airconditioning Units Works (5 units)</p> <p>Split Type AC Floor Mounted Units (20.0 TR) (5 units)</p> <ol style="list-style-type: none"> 1. Cooling capacity: 250 kcal/m² x 1,750 m² = 437,500 kcal/h (144.7 TR) 2. Unit selection: FTXS-M Series (20.0 TR) 3. Indoor Unit: FTXS35-40KVJU (12-15 HP) 4. Outdoor Unit: RXSQ35-40PVJU (12-15 HP) 5. Airflow: 30,000-40,000 CMH 6. Power supply: 3-phase, 380-415V, 50Hz Dimensions: 7. Indoor: 1,300 x 400 x 300 mm 8. Outdoor: 1,800 x 900 x 750 mm 9. Weight: 350 kg (indoor), 450 kg (outdoor) <p>Piping and insulation (5 units) Controls and accessories (5 units)</p>	1	ls	
TOTAL		1 LS		



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TO

Item No:	Description	Qty.	Unit	Statement of Compliance
1	<p>Refurbishment of University Quadrangle</p> <p>Scope of Work:</p> <p>I. Airconditioning Units Works (5 units)</p> <p>Split Type AC Floor Mounted Units (20.0 TR) (5 units)</p> <p>Outdoor unit</p> <p>Key Specifications</p> <ol style="list-style-type: none"> 1. Type: <ul style="list-style-type: none"> • Cooling Only, Standard VRV IV Series. 2. Capacity: <ul style="list-style-type: none"> • Cooling Capacity: 120 kW. 3. Power Supply: <ul style="list-style-type: none"> • Voltage: 380-415 V, 3-phase, 50 Hz. • Power Input: Approx. 33 kW (varies based on load and installation conditions). 4. Compressor: <ul style="list-style-type: none"> • Type: Inverter-controlled scroll compressors. • Number of Compressors: 2 (dual compressor system for better efficiency and reliability). • Refrigerant: R-410A. 5. Airflow: <ul style="list-style-type: none"> • High airflow efficiency for heat exchange with outdoor air. • Integrated variable-speed fans. 6. Piping: <ul style="list-style-type: none"> • Maximum Piping Length: Up to 165 m (total length with height difference considerations). • Height Difference: Up to 50 m between outdoor and indoor units. 7. Operating Conditions: <ul style="list-style-type: none"> • Outdoor Temperature Range: 10°C to 46°C. • Humidity Control: Designed for high humidity regions, suitable for the Philippines' climate. 8. Efficiency: <ul style="list-style-type: none"> • Equipped with VRV IV advanced technologies for high energy efficiency, such as VRT (Variable Refrigerant Temperature). 9. Noise Levels: 	1	ls	



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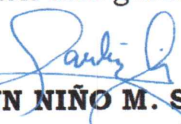
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	<ul style="list-style-type: none"> • Sound power level: Approx. 65-75 dB(A) (depends on operation and settings). <p>Indoor Unit</p> <p>Key Specifications</p> <ol style="list-style-type: none"> Type: <ul style="list-style-type: none"> • Floor Mounted Indoor Unit. • Designed for medium to large spaces Capacity: <ul style="list-style-type: none"> • Cooling Capacity: 14 kW (nominal). • Airflow and cooling capacity depend on external static pressure Power Supply: <ul style="list-style-type: none"> • Voltage: Single-phase, 220-240 V, 50 Hz. • Power Consumption: Approximately 0.2-0.4 kW (varies with settings). Airflow: <ul style="list-style-type: none"> • Nominal Airflow: 950-1250 m³/h (adjustable). • External Static Pressure (ESP): 30-150 Pa (adjustable for duct design). Dimensions: <ul style="list-style-type: none"> • Height: ~600 mm. • Width: ~1,400 mm. • Depth: ~500 mm. Weight: <ul style="list-style-type: none"> • Approx. 45-55 kg. Sound Level: <ul style="list-style-type: none"> • Sound Pressure Level: 35-45 dB(A) (depends on airflow and ESP setting). Refrigerant Piping: <ul style="list-style-type: none"> • Liquid Pipe Diameter: 9.5 mm (3/8"). • Gas Pipe Diameter: 15.9 mm (5/8"). Operating Range: <ul style="list-style-type: none"> • Cooling: 14°C to 22°C indoor air temperature. • Designed to maintain 50% relative humidity under typical conditions. <p>Piping and insulation (5 units) Controls and accessories (5 units)</p>			
	TOTAL		1 LS	

Please be advised that this bid bulletin is issued to amend the specifications in all attached/associated documents. This shall be an integral part of the Bid Documents.

For information and guidance of all concerned.


ATTY. GLENN NIÑO M. SARTILLO
 BAC Chairperson