



ROMBLON STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE

Community Outreach Center, RSU-Main Campus, Liwanag, Odiangan, Romblon 5505
 Telephone: (042) 567-5952
 Email: bac@rsu.edu.ph
 Website: rsu.edu.ph



TECHNICAL SPECIFICATIONS
Solicitation No. RSU-2023-05-047
ABC: PhP764,000.00
QTY: 8

Procurement of Air-Conditioning Units for Romblon State University

ITEM NO.	UNIT	ITEM DESCRIPTION	QTY	STATEMENT OF COMPLIANCE
1	unit	<p>SPLIT TYPE AIRCON 2.5 HP WITH INSTALLATION Indoor (60 Hz) (CS-U4XKQ) Cooling Capacity (min-max) : 6.10(1.12-7.18) kW 21,960 (4,030-25850) kJ/h EER (min-max) : 14.17 (16.12-12.61) kJ/hW Electrical Data : Voltage : 230 V Current : 6.9A Power Input (min-max) : 1,550 (250-2050)W Moisture Removal : 3.4 L/h , 7.2 Pt/h Air Circulation : Indoor : 19.2 m3/min (680 ft3/min) Noise Level : Indoor (H/L/Q-Lo) 45/34/28 dB(A) Dimensions (Indoor) Height :295 mm(11-5/8 inch) Width: 1,040 mm (40-31/32 inch) Depth : 244 mm (9-5/8 inch) Width: 1,040 mm (40-31/32 inch) Depth : 244 mm (9-5/8 inch) Net Weight : Indoor : 12 kg (26 lbs) Refrigerant Pipe Diameter: Liquide Side 6.35 mm (1/4 inch) Gas Side : 12.70 mm (1/2 inch) Pipe Extension : Chargeless Pipe Length : 10 m Maximum Pipe Length : 30 m Additional Refrigerant Gass : 15 g/m Comfort features : With Humidity Sensor, ECO Mode with A.I Inverter Control, Sleep Mode, Quite Mode, Soft Dry Operation Mode, Personal Airflow Creation Cleaner Air Features : nanoe X and nanoe-G, Odor Removing Function Convenience Features: 24-Hour Dual In & OFF Real Setting Timer LCD Wireless Remote Control Wireless Lan Remote Control (Built-in) (for Internet Connection) Wired Remote Control (optional) Reliability Features : Random Auto Restart (32 Restart Patterns) Blue Fin Condenser Long Piping (max) 30 m Top Panel Maintenance Access Self-Diagnostic Function</p>	6	



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2	unit	<p>SPLIT TYPE AIRCON 1.5 HP WITH INSTALLATION Model (60Hz) CS- PU12WKQ (CU-PU12WKQ) Cooling Capacity : (min-max) kW3.06(1.02-3.80) (min-max) kJh 11,020 (3,670-13,680) ERR : (min-max) kJ/hW14.69 (14.98-11.69) Electric Data : Voltage 230 / Current A3.4 / Power Input (min-max) W750 (245-1,170) Moisture Removal : L/h1.7 / Pt/h 3.6 Air Circulation : Indoor 3/min (ft3/min) 1.8 (380) Outdoor 3/min (ft3/min) 31.6 (1,120) Noise Level : Indoor H/L/Q-Lo) : dB (A) 38/28/21 Outdoor (H) dB (A) 48 Dimensions Indoor (Outdoor) : Height mm 290 (542) inch 11-7/16 (21-11/32) Width mm (779 (780) / inch 30-11/16 (30-23/32) Depth mm 209 (289)/ inch 8-1/4 (11-13/32) Net Weight : Indoor kg (lb) 8 (18) / Outdoor kg (lb) 23 (51) Refrigerant Pipe Diameter: Liquid Side mm 6.35 inch ¼ Gas Side mm 9.52 inch 3/8</p>	1	
3	unit	<p>FLOOR STANDING TYPE WITH INSTALLATION Indoor Unit : FVA71AMVM Cooling Capacity Rated (min-max) kW 7.1 (3-2-8.0) Btu/h -24,200 (10,900-27,300) Power Consumption (Cooling) kw 2.51 COP : W/W 2.83 CSPF : Wh/Wh 4.46 Colour : Fresh White Airflow Rate (H/M/L) m3/min : 18/16/14 Sound Pressure level (H/M/L) dB(A) 43/41/38 Dimensions (HxWxD) mm : 1,850x600x270 Machine Weight (kg) : 42 Certified Operation range (CWB) 14 to 25 Piping Connections : Liquid (Flare) mm : Ø9.5 Gas (Flare) mm : Ø15.9 Drain (mm) : VP20 (I.D.Ø20XO.D.Ø26) Maximum Inter unit piping length (m) 50 (Equivalent length 70) Maximum Installation level difference (m) : 30 Heat Insulation</p>	1	
Total		8		

 Name and Signature of the Bidder/Authorized Representative

 Name of the Company