



Republic of the Philippines  
**CIVIL AVIATION AUTHORITY OF THE PHILIPPINES**

**BID BULLETIN NO. 2**  
October 2, 2024

Attention is hereby invited to the Bidders of the **Supply, Delivery and Installation of Commercial Air Conditioning Units/System at the Civil Aviation Training Center - Bid No. 24-072-09 BRAVO**

I. Please be informed of the following revisions:

ISSUES/QUERIES	CLARIFICATION
<p><b>Page 34</b></p> <p><b>Supply, Delivery, and Installation of Commercial Air Conditioning Units/System and outdoor units</b> (including electrical, mechanical, civil works, start-up and commissioning, and provision of overcurrent protection and disconnecting means (MCCB) enclosed in weatherproof elect'l enclosure beside the outdoor units )</p> <ul style="list-style-type: none"><li>-Floor Mounted</li><li>-Cooling Capacity : 5 tonner</li><li>-Inverter Technology: Inverter</li><li>-Remote Control</li><li>-Power supply 230V/3ph/60hz</li></ul> <p>Cooling capacity min-max: atleast 61,718 (20,580-63,816) kJ/Hr.</p> <ul style="list-style-type: none"><li>-Low Vibration, Low Noise Level</li></ul> <p><i>To be Installed at the following areas:</i></p> <p>Room 106 (40 meters estimated distance from the power panel)</p> <p>Room 108 (50 meters estimated distance from the power panel)</p> <p>Room 103 (50 meters estimated distance from the power panel)</p> <p>Room 207 (55 meters estimated distance from the power panel)</p>	<p>DELETED</p>



<b>Page 35</b> 1 lot- Copper tubing, insulators and its fittings/accessories	DELETED
<b>Page 35</b> 1 lot- Additional refrigerants	DELETED
<b>Page 35</b> 1 lot- Other consumables necessary for the complete installation of air conditioning systems	DELETED
	<b>Revised: Technical Specification Item No.1</b> <b>Page 34</b>  <b>Supply and Delivery of 4 units of Air Conditioning Unit</b>  <b>Specifications:</b> <ul style="list-style-type: none"> <li>• 5TR Rated Cooling Capacity (min. - 60,000 KJ/Hr rated cooling capacity)</li> <li>• Inverter type Air conditioning units</li> <li>• Split type, Floor mounted</li> <li>• ACU brand existed in the Philippine market for at least 5 years and with PS mark</li> <li>• ACU spare parts readily available in the Philippine market</li> <li>• Energy Efficiency Ratio (EER) - min. 3.5</li> <li>• Power supply ratings – 220V, 60Hz, 3 Phase</li> </ul> <b>Features:</b> <ul style="list-style-type: none"> <li>• With Remote control</li> <li>• Low vibration, low noise level</li> </ul>

	<p><b>Added: Technical Specification Item No.2</b> <b>Page 31</b></p> <p><b>1 lot - Installation of Outdoor and Indoor units at the following Locations:</b></p> <ul style="list-style-type: none"> <li>• 1 unit at CATC Room 103</li> <li>• 1 unit at CATC Room 106</li> <li>• 1 unit at CATC Room 108</li> <li>• 1 unit at CATC Room 207</li> </ul> <ul style="list-style-type: none"> <li>➤ Include the supply and delivery of all consumables and associated materials for the installation of outdoor and indoor units (copper tubings, condensate, drain pipes, rubber insulations, polyethylene tape, refrigerants, flushing agent, welding materials, filter/dryers, and etc.).</li> <li>➤ Include the fabrication of steel bases for the indoor and outdoor units.</li> <li>➤ Include provision and mobilization of tools and equipment needed for the installation.</li> <li>➤ Include the supply of labor and expertise.</li> </ul>
	<p><b>Added: Technical Specification Item No.3</b> <b>Page 31</b></p> <p><b>1 lot - Electrical installation for the 4 units of ACUs:</b></p> <p><b>Scope of Work:</b></p> <ul style="list-style-type: none"> <li>➤ Include electrical installation from indoor to outdoor unit.</li> <li>➤ Include electrical installation from outdoor to its outdoor MCCB enclosure.</li> <li>➤ Include the supply and delivery of 4 sets of 50AT/50AF/3P MCCB with enclosure for outdoor use.</li> <li>➤ Include the supply and delivery of all copper wires and other materials for electrical installation.</li> <li>➤ Include grounding provision for both indoor and outdoor units.</li> </ul>

	<p><b>Exclusion:</b></p> <ul style="list-style-type: none"> <li>➤ All electrical power supply installation beyond the outdoor MCCB enclosures are not included in this project.</li> </ul>
	<p><b>Added: Technical Specification Item No.4 Page 32</b></p> <p><b>1 lot - Testing of newly installed 4 units Air conditioning unit</b></p> <ul style="list-style-type: none"> <li>• Functional testing</li> <li>• Leak testing</li> </ul> <p>➤ NOTE: CATC will provide a temporary power source for testing purposes.</p>
	<p><b>Added: Technical Specification Item No.5 Page 32</b></p> <p><b>1 lot - Post-installation Documentary Requirements:</b></p> <ul style="list-style-type: none"> <li>• Provision of ACU user manual.</li> <li>• Provision of Manufacturer's warranty certificates.</li> <li>• Submission of Service Reports</li> </ul>

II. The new Schedule for the Submission and Opening of Bids for the Project **Supply, Delivery and Installation of Commercial Air Conditioning Units/System at the Civil Aviation Training Center** will be on Oct-25, 2024 9:30 AM

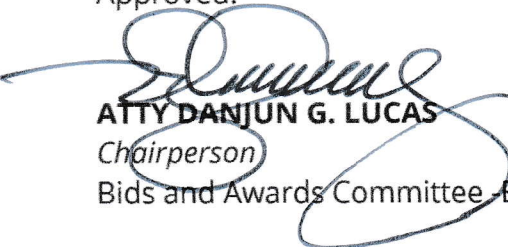
III. This bid bulletin shall be an integral part of the Bidding Documents and the same shall be enclosed in the technical bid envelope/component and shall be marked accordingly.

For the information and guidance of all concerned.

Prepared by:

  
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Approved:

  
**ATTY DANJUN G. LUCAS**  
 Chairperson  
 Bids and Awards Committee - BRAVO