



Republic of the Philippines
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

BID BULLETIN NO. 03
August 01 2025

I. Attention is hereby invited to the Bidders of the project **PURCHASE/INSTALLATION OF METEOROLOGICAL INSTRUMENTS FOR ANTIQUE AIRPORT (DUAL SITE)** – Bid 25-53-07 BRAVO.

II. Please note the following amendments to the project requirements.

Reference	Clause/Item	Change Type	Amendment		
VI. Schedule of Requirements	Subsection I: Meteorological Sensor and Display	Revision	Meteorological Sensor and Display	Qty	Unit
			Aviation Weather System complete with:		
			Temperature and relative humidity sensor with radiation shield (per Airport)	1	set
			Barometric pressure sensor (per Airport)		
			Aviation Weather Display complete with:		
			Data panel display (per Airport)		
			Wind panel display (per site)		
			Power supply	2	sets
			Uninterruptible Power Supply (UPS) Note: A minimum of one (1) set is required if wind and data can be displayed as a stand-alone unit.		
			Communication cable, Accessories, Mounting Kits		
			Wind speed and wind direction sensors		
			Shielded connection cable (minimum of 10 meters)		
			DOST-PAGASA Certification of Meteorological Sensors		
			Accessories, Connectors, Configuration Tool and Mounting Kits		
			Operation, Maintenance, Technical manuals in English Language including diagrams		
			Testing & Personnel Training		

	Subsection IV: Frangible 10 meters Mast with Lightning Protection and Obstacle Light	Revision	<table><tr><td>Frangible 10 meters Mast with Lightning Protection and Obstacle Light</td><td>Qty</td><td>Unit</td></tr><tr><td>ICAO Compliant Frangible 10m Mast complete with:</td><td rowspan="7">2</td><td rowspan="7">sets</td></tr><tr><td>Foundation kits with plywood box</td></tr><tr><td>Provision for lightning rod</td></tr><tr><td>Passive Lightning Rod</td></tr><tr><td>LED Obstacle Lights</td></tr><tr><td>Universal Mounting Arm for wind sensors</td></tr><tr><td>Accessories, Connectors & Mounting Kits</td></tr><tr><td>Testing & Personnel Training</td><td></td><td></td></tr><tr><td colspan="3">Note: The lightning protection components are required in only three (3) sets, including protection for the ATC Tower Bldg. specified in Section VII, B.4.1.19.</td></tr></table>	Frangible 10 meters Mast with Lightning Protection and Obstacle Light	Qty	Unit	ICAO Compliant Frangible 10m Mast complete with:	2	sets	Foundation kits with plywood box	Provision for lightning rod	Passive Lightning Rod	LED Obstacle Lights	Universal Mounting Arm for wind sensors	Accessories, Connectors & Mounting Kits	Testing & Personnel Training			Note: The lightning protection components are required in only three (3) sets, including protection for the ATC Tower Bldg. specified in Section VII, B.4.1.19.		
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VII. Technical Specifications – Performance Requirement	B.4.1.11	Revision	<p>The contractor shall supply tinned-copper wire connected from the arrester and shall serves as passage of high current lightning strike directly to ground.</p> <p><i>Note: Most electrical and lightning protection standards (IEC 62305, Philippine Electrical Code) specify copper or tinned-copper for lightning protection grounding conductors. Aluminum wire would not comply the specification or the IEC standard.</i></p>																		
VII. Technical Specifications – Performance Requirement	B.4.1.19	Revision	<p>The minimum number of lightning protection device shall be four (3) units per airport/facility as follows:</p> <table><tr><td>ANF/ Airport</td><td>Runway Sensor Site (Mast)</td><td>ATC Tower Bldg.</td></tr><tr><td>Antique</td><td>2</td><td>1</td></tr></table>	ANF/ Airport	Runway Sensor Site (Mast)	ATC Tower Bldg.	Antique	2	1												
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VII. Technical Specifications – Documentations	D.4.1	Revision	<p>In addition to the training materials, the following documents shall be delivered for the Air Navigation Facility (ANF):</p> <ul style="list-style-type: none">a) 2 sets of operation manuals;b) 2 sets of maintenance (hardware/software) manual;c) 2 sets of software manual;d) 2 sets of inventory list of equipment to include spare parts																		
	D.4.2	Revision	2-Softcopy of all delivered documents shall be provided in a CD or USB medium.																		

VII. Technical Specifications – Other Requirements	H.1.3	Revision	After completion of the project, the Contractor shall provide a coordinate in WGS-84 datum for the MET sites with elevation of mast base reference to "Above Mean Sea Level" (AMSL). The cost of acquiring such shall be borne by the Contractor. <i>Note: The provided coordinate may be certified by the contractor.</i>
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- II. The layout in the drawing is based on the current dimensions of the existing runway, taking into account the ongoing infrastructure development plan of the Department of Transportation (DOTr). This development includes the 570m proposed runway extension, which incorporates the addition of Stop-way and Runway End Safety Areas (RESA) at both ends, resulting in a total runway length of 45 m × 2000 m.

The proposed sensor locations are approximately 280 m from the displaced threshold of Runway 36 and approximately 200 m from the displaced threshold of Runway 18. These locations are based on the DOTr's present runway configuration, while the proposed runway extension is expected to be completed within the year by the DOTr.

According to ICAO Doc 9837, the recommended location for meteorological sensors is approximately 300 m from the runway threshold. However, the guidance allows flexibility when local conditions are restrictive, provided the sensor placement yields reliable data representative of runway conditions and is safe and practical to install at the site.

- III. This bid bulletin shall be an integral part of the Bidding Documents and the same shall be enclosed in the technical bid envelop/component and shall be marked/tapped accordingly.
- IV. For the information and guidance of all concerned.


FLORIAN S. ATIENZA
End-User

Noted by:


ATTY. DANJUN G. LUCAS
Chairperson, Bids and Awards Committee – Bravo