



**ENVIRONMENTAL MANAGEMENT BUREAU  
NATIONAL CAPITAL REGION**

EMB-NCR Bldg. National Ecology Center Compound, East Ave., Diliman, Quezon City  
E-mail: [recordsncr@emb.gov.ph](mailto:recordsncr@emb.gov.ph) | [ncrsupport@emb.gov.ph](mailto:ncrsupport@emb.gov.ph)  
Tel.#: 8931-1331 local: | CPD:1110-1113 | EMED:1118-1124 | FAD:1103-1107 | ORD:1114-1117

**SUPPLEMENTAL/BID BULLETIN  
ADDENDUM NO. 2022-11-003**

This Addendum No. **2022-11-003** is issued to modify or amend items in the Bid Documents – with Solicitation No. **EMB-NCR-NCB-GOODS-2022-11-15-012** which was posted in the PhilGEPS with Reference No. 9232696. This shall form an integral part of the Bid Documents.

Name of Project: **PURCHASE OF MET SENSOR FOR 3 STATIONS**

OLD	NEW
<p><b>PURCHASE OF MET SENSORS FOR 3 STATIONS</b></p> <p><b>I. BACKGROUND OF THE PROJECT</b></p> <p><b>1.1. Overview</b> <i>The project aims to upgrade the existing meteorological sensors of 3 stations..</i></p> <p><b>1.2. Brief Description</b> Supply Delivery, Installation &amp; Integration of Meteorological Sensors, for the MET tower in North Caloocan, Mandaluyong, and Makati.</p> <p><b>1.3. Approved Budget for the Contract (ABC) of the Project and Fund Source</b> a. The ABC of the Project is Php 2,100,000. b. The fund source is SAA No. MOOE-21-02-001.</p> <p><b>II. PURPOSE OF THE PROCUREMENT</b> The main objective of this proposal is to upgrade the Meteorological Sensors Installed in North Caloocan, Mandaluyong, and Makati</p> <p><b>III. TECHNICAL SPECIFICATION / SCOPE OF WORKS</b></p> <ul style="list-style-type: none"> <li>• Provision of Ultrasonic Meteorological Sensors <ul style="list-style-type: none"> <li>Temperature</li> <li>Relative Humidity</li> <li>Solar Radiation</li> <li>Wind Speed</li> <li>Wind Direction</li> <li>Barometer</li> <li>Rain Gauge – Tipping Bucket</li> </ul> </li> <li>• Installation of the sensors to retractable Tower</li> </ul>	<p><b>PURCHASE OF MET SENSOR FOR 3 STATIONS</b></p> <p>NO REVISION</p> <p>NO REVISION</p> <p>NO REVISION</p> <p>NO REVISION</p> <p>NO REVISION</p> <p><b>• TECHNICAL SPECIFICATION / SCOPE OF WORKS</b></p> <ul style="list-style-type: none"> <li>• Provision of Meteorological Sensors for measuring the following <ul style="list-style-type: none"> <li>-Wind Speed and Wind - Direction - Ultrasonic Anemometer</li> <li>-Temperature and Relative Humidity – combined sensor</li> <li>-Solar Radiation - equipped with a thermopile element</li> <li>-Atmospheric Pressure - equipped with a</li> </ul> </li> </ul>

<ul style="list-style-type: none"> <li>• Calibration and validation of parameters</li> <li>• Integration of Wind Speed, Wind Direction, Ambient Temperature, Relative Humidity, Solar Radiation, and Rain Fall parameter to station's datalogger Envidas and NCR's Envista Server.</li> <li>• Validation of MET Sensors</li> </ul>	<p>piezoresistive electronic transducer -Rain Gauge – Tipping Bucket</p> <ul style="list-style-type: none"> <li>• Installation of the sensors to retractable Tower</li> <li>• Calibration and validation of parameters</li> <li>• Integration of Wind Speed, Wind Direction, Ambient Temperature, Relative Humidity, Solar Radiation, and Rain Fall parameter to station's datalogger Envidas and NCR's Envista Server.</li> <li>• The supplier must be the authorized service provider for MET Sensors and the Envidas/Envista Software. A copy of the certification from the manufacturer must be provided.</li> <li>• Validation of MET Sensors</li> </ul>
<p><b>IV. WARRANTY</b> 4.1. The Supplier warrants the following:</p> <ol style="list-style-type: none"> <li>a. The warranty period should be at least 1 year.</li> <li>b. Support – The Supplier should provide immediate support during the warranty period.</li> </ol>	<p>NO REVISION</p>
<p><b>V. ACCEPTANCE</b> 5.1 The Supplier must deliver within 60 days upon receipt of notice to proceed at the designated location. Upon completion of delivery, acceptance shall be conducted.</p>	<p><b>V. ACCEPTANCE</b> 5.1 The Supplier must deliver within 90 days upon receipt of notice to proceed at the designated location. Upon completion of delivery, acceptance shall be conducted</p>
<p><b>VI. PAYMENT TERMS</b> 6.1 For the supply delivery, installation &amp; integration of Meteorological Sensors for the MET towers in North Caloocan, Mandaluyong, and Makati, one hundred percent (100%) payment will be processed upon one hundred (100%) delivery and acceptance of the Meteorological sensors.</p>	<p>NO REVISION</p>

For guidance and information of all concerned.

**SGD. JEAN C. BORROMELO**  
BAC Chairperson