



BID BULLETIN NO. EMB-CAR-2022-10-03

This Bid Bulletin No. EMB-CAR-2022-10-03 is issued to modify or amend the Technical Specifications for the project, *Procurement of the Supply and Delivery of a Continuous Ambient Particulate Sampler*, as per mandatory review conducted by the BAC and End-User on October 6, 2022:

Item	Specification	Statement of Compliance
1 set	<p>Supply and Delivery of a Continuous Ambient Particulate Sampler</p> <p>✓ Can measure Particle Sizes PM10 and PM2.5 equipped with continuous filter</p> <ul style="list-style-type: none">➤ Inclusive of Particulate Sampler Cyclone converters for PM10 to PM2.5 <ul style="list-style-type: none">▪ Flow Rate: 16.7 LPM (inlet); actual volumetric flow▪ Filter Tape: Continuous glass fiber filter > 60 days/roll▪ Operating Temperature: -30 to 50 °C▪ Ambient RH Pressure Sensor▪ COMET Software▪ 7500 Digital Serial Interface: 2 channels, half duplex▪ Serial Interface: 1 channel; full duplex RS-232, USB (Shared common serial output) 1 channel; half duplex RS-485▪ USB connectivity for easier data download via portable flash drive▪ Internal data storage: 8 days 1-minute average; 1.3 years 60 – minute average▪ External Data Storage: 1 USB Flash Drive device (at least 128 GB)▪ Diagnostic log file to retrace conditions▪ Inclusive of portable back-up Power Supply<ul style="list-style-type: none">➤ Power Supply: Power Station with Solar Panel (12V/24V 120,000 mAh deep cycle Battery)➤ Total Efficiency: Rated 500W➤ Output Waveform: Pure Sine Wave➤ AC Input Voltage: 220V-240V➤ Output Voltage (V): 220-230V▪ Accessory: Compatible Wind Speed and Direction Sensor▪ USEPA FRM/FEM Compliant▪ Inclusive of a calibration certificate	

Issued this 7th Day of October 2022.

For guidance and information of all concerned.


ENGR. RAUL G. CUBANGAY
BAC Chairperson