

BIDS AND AWARDS COMMITTEE

Supplemental Bid Bulletin No. **001**

Supply and Delivery of Calibrating Gases and Accessories for Continuous Ambient Air Quality Monitoring Station – Differential Optical Absorption Spectroscopy (CAAQMS-DOAS)

July 22, 2021

This Supplemental Bid Bulletin No. 001 is issued to modify or amend items in the Bid Documents. This shall form an integral part of the Procurement Bid Documents.

REFERENCE	AMENDMENTS/CHANGES/ CLARIFICATIONS
<p align="center">INVITATION TO BID FOR THE SUPPLY AND DELIVERY OF CALIBRATING GASES AND ACCESSORIES FOR CONTINUOUS AMBIENT AIR QUALITY MONITORING STATION – DIFFERENTIAL OPTICAL ABSORPTION SPECTROSCOPY (CAAQMS-DOAS)</p> <p>1.</p> <p>2. The EMB-R13 now invites bids for the above Procurement Project. Delivery of the Goods is required to be delivered within thirty (30) Days upon issuance of Notice to Proceed (NTP). Bidders should have completed, within five (5) Years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).</p> <p>3.</p> <p>4.</p> <p>5.</p> <p>6.</p> <p>7.</p> <p>8.</p> <p>9.</p> <p>10. Bidder must provide the Certificate of Analysis of Each Calibrating Gas (e.g. US EPA Protocol Certificate and/or Primary Grace Concentration) during the opening of bids.</p> <p>11.</p> <p>12.</p> <p>13.</p>	<p align="center">INVITATION TO BID FOR THE SUPPLY AND DELIVERY OF CALIBRATING GASES AND ACCESSORIES FOR CONTINUOUS AMBIENT AIR QUALITY MONITORING STATION – DIFFERENTIAL OPTICAL ABSORPTION SPECTROSCOPY (CAAQMS-DOAS)</p> <p>1.</p> <p>2. The EMB-R13 now invites bids for the above Procurement Project. Delivery of the Goods is required to be delivered within <u>One Hundred Twenty (120) Days upon issuance of Notice to Proceed (NTP)</u>. Bidders should have completed, within five (5) Years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).</p> <p>3.</p> <p>4.</p> <p>5.</p> <p>6.</p> <p>7.</p> <p>8.</p> <p>9.</p> <p>10. Bidder must provide the Certificate of Analysis of Each Calibrating Gas (e.g. US EPA Protocol Certificate and/or Primary Grace Concentration) <u>during the delivery of the goods</u>.</p> <p>11.</p> <p>12.</p> <p>13.</p>

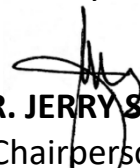
Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Qty.	Total	Delivered, Weeks/Months
1	Gas Cylinder Tank: 50 PPM Carbon Monoxide, 1010 PPM Sulfur Dioxide, Balance: Nitrogen, Grade: EPA Protocol Gas, Cylinder: 10 Liter Aluminum (29" x 7"), Valve CGA: 660 SS, Contents: 52 CF, Pressure: 2000 psi, Shelf-Life: 8 years	1	158,000.00	REFERENCE: Within 30 days upon receipt of NTP AMENDMENT: Within 120 days upon receipt of NTP
2	Gas Cylinder Tank: 450 PPM Nitrogen Dioxide, Balance: Nitrogen, Grade: EPA Protocol Gas, Cylinder: 10 Liter Aluminum (29" x 7"), Valve CGA: 660 SS, Contents: 52 CF, Pressure: 2000 psi, Shelf-Life: 2 years	1	156,000.00	REFERENCE: Within 30 days upon receipt of NTP AMENDMENT: Within 120 days upon receipt of NTP
3	Dual Stage Series 200 Regulator, Body: 316L SS, Control: 0-50 PSIG, Inlet CGA: 660, Inlet Gauge: 0-4000 PSIG, Outlet Gauge: 0-60 PSIG, Outlet Valve: Diaphragm Valve (must be compatible to Item 1 & 2)	2	104,000.00	REFERENCE: Within 30 days upon receipt of NTP AMENDMENT: Within 120 days upon receipt of NTP
4	Gas Cylinder Tank: 300PPM p-Xylene, Balance: Nitrogen, Grade: Primary, Cylinder: 10 Liter Aluminum (29"x7"), Valve CGA: 350 BR, Contents: 5.6 CF, Pressure: 215 PSIG, Shelf Life: 3 years	1	139,000.00	REFERENCE: Within 30 days upon receipt of NTP AMENDMENT: Within 120 days upon receipt of NTP
5	Gas Cylinder Tank: 300PPM Toluene, Balance: Nitrogen, Grade: Primary, Cylinder: 10 Liter Aluminum (29"x7"), Valve CGA: 350 BR, Contents: 20.8 CF, Pressure: 785 PSIG, Shelf Life: 3 years	1	139,000.00	REFERENCE: Within 30 days upon receipt of NTP AMENDMENT: Within 120 days upon receipt of NTP
6	Gas Cylinder Tank: 300PPM Benzene, Balance: Nitrogen, Grade: Primary, Cylinder: 10 Liter	1	139,000.00	REFERENCE: Within 30 days upon receipt of NTP

	Aluminum (29"x7"), Valve CGA: 350 BR, Contents: 52 CF, Pressure: 2000 PSI, Shelf Life: 3 years			AMENDMENT: Within 120 days upon receipt of NTP
7	Dual Stage Series 200 Regulator, Body: Brass, Control: 0-50 PSIG, Inlet CGA: 350 BR, Inlet Gauge: 0-4000 PSIG, Outlet Gauge: 0-60 PSIG, Outlet Valve: Diaphragm Valve (must be compatible to Item 4,5 & 6)	3	74,500.00	REFERENCE: Within 30 days upon receipt of NTP AMENDMENT: Within 120 days upon receipt of NTP
8	Gas Cylinder Tank: 99.99% Oxygen, Cylinder: 10 Liter Aluminum, Pressure: 120 Bar, Cylinder Valve: CGA540/Brass, Shelf-Life: 2 years	1	237,500.00	REFERENCE: Within 30 days upon receipt of NTP AMENDMENT: Within 120 days upon receipt of NTP
9	Brass Regulator CGA540 for UHP Oxygen (must be compatible to Item 8)	1	97,500.00	REFERENCE: Within 30 days upon receipt of NTP AMENDMENT: Within 120 days upon receipt of NTP
	<u>NOTE:</u>			
	1. All cylinder tanks and regulators must be shipped to EMB 13 Office, Brgy. Ambago, Butuan City.			REFERENCE: Within 30 days upon receipt of NTP AMENDMENT: Within 120 days upon receipt of NTP
	2. Delivery must include training on the operation and connections between EACH cylinder tanks and regulators.			REFERENCE: Within 30 days upon receipt of NTP AMENDMENT: Within 120 days upon receipt of NTP

Approved by:


ENGR. JERRY S. JAMOLOD
 BAC Chairperson