



**SUPPLEMENTAL/BID BULLETIN**  
**ADDENDUM NO. 19-008 (Goods)**

This Addendum No. **19-008 (Goods)** is issued to modify or amend items in the Bid Documents – with Solicitation No. 2019-01-007 which was posted in the PHILGEPS with Reference No. 5937108. This shall form an integral part of the Bid Documents.


Name of Project : Procurement for the Supply and Delivery of 1 UNIT MERCURY ANALYZER  
 EMB-NCB-GOODS-07-2019

**TECHNICAL SPECIFICATIONS (page 68):**

Old	New
<p>MERCURY ANALYZER</p> <ul style="list-style-type: none"> <li>-mercury detecting section:               <ul style="list-style-type: none"> <li>--Non- dispersive dual- cell tri - beam CVAAS</li> <li>--Wave length: 253.7nm</li> <li>--Detectors: Photo tubes</li> <li>--Detection limit: 0. 0 01ng</li> </ul> </li> <li>-sample decomposition section               <ul style="list-style-type: none"> <li>--Combustion tube: Quartz (Filled with catalyst)</li> <li>--Up to 1,000°C Maximum decomposition temp.</li> </ul> </li> <li>-includes auto sampler of up to 100 samples</li> <li>-includes auto reagent dispenser</li> <li>-Sample size: Solid: up to 1,500m ; Liquid: up to 1,400µL</li> <li>-inclusions:               <ul style="list-style-type: none"> <li>1 printer</li> <li>1 desktop computer</li> <li>1 AVR</li> </ul> </li> <li>-includes training of equipment</li> <li>-includes aftersales, 1 yr warranty on services</li> </ul> <p>*Note: suppliers must be exclusive distributor</p>	<p>MERCURY ANALYZER</p> <ul style="list-style-type: none"> <li>-mercury detecting section:               <ul style="list-style-type: none"> <li>--Non- dispersive dual- cell tri - beam CVAAS</li> <li>--Wave length: 253.7nm</li> <li>--Detectors: Photo tubes</li> <li>--Detection limit: 0. 0 01ng</li> </ul> </li> <li>-sample decomposition section               <ul style="list-style-type: none"> <li>--Combustion tube: Quartz (Filled with catalyst)</li> <li>--Up to 1,000°C Maximum decomposition temp.</li> </ul> </li> <li>-includes auto sampler of up to 100 samples</li> <li>-includes auto reagent dispenser</li> <li>-Sample size: Solid: up to 1,500m ; Liquid: up to 1,400µL</li> <li>-inclusions:               <ul style="list-style-type: none"> <li>1 printer</li> <li>1 desktop computer</li> <li>1 AVR</li> </ul> </li> <li>-includes training of equipment</li> <li>-includes aftersales, 1 yr warranty on services</li> </ul> <p><b>Additional specifications:</b></p> <ul style="list-style-type: none"> <li>-Gas and exhaust lines (with installation)</li> <li>-Initial supply of nitrogen gas suitable for the analyzer to run</li> <li>-Maximum gas supply within instrument: 15 psi</li> <li>-Integration Time: 5 seconds per sample per iteration or better</li> <li>-Gas/Liquid Separator Design: Serpentine to prevent bubbles from going into optical cells</li> <li>-Optical Cell Design: Separate optical cells for high concentration and for low concentration.</li> <li>-Autosampler Design: Autosampler is integrated into the frame instrument and not separate from the main instrument, thus not taking additional benchspace</li> <li>-Autosampler Movement: Movement of autosampler arm defined in x, y, and z axes (no rotational autosampler)</li> <li>-Software Specs: Should have over-range capability and smart rinse features. Will automatically discard a sample if it is assessed to be over the concentration limit set. Should have automatic programmable instructions for actions to choose from when QC Check standards fail Continue running samples Stop on failure Re run QC check standard Rerun calibration standards</li> </ul>

	*Note: suppliers must have a certificate of distributorship with aftersales
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For guidance and information of all concerned.

  
ENGR. MA. CORAZON G. DACUYAN  
BAC Chairperson

Received by the Bidder:

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Date: \_\_\_\_\_