

# MEPNN Supplier Scouting Opportunity Synopsis

## Section 1: General Information

Scouting Number	2024-357
Item to be Scouted	Multi-Gas Meters
Days to be scouted	30
Response Due By	12/20/2024
Description	The following item requested is similar to the Draeger X-AM 5000 Multi-gas meter( <a href="https://www.draeger.com/en-us_us/Products/X-am-5000">https://www.draeger.com/en-us_us/Products/X-am-5000</a> ), part #8320000.
Notify Requester Immediately	
State item to be used in	

## Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	2nd Supplier
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Electronic/ Electronic Assembly
Provide dimensions / size / tolerances / performance specifications for the item	<p>Similar to the Draeger X-AM 5000 Multi-gas meter (<a href="https://www.draeger.com/en-us_us/Products/X-am-5000">https://www.draeger.com/en-us_us/Products/X-am-5000</a>), part #8320000.</p> <p>Must meet the following specifications:</p> <ul style="list-style-type: none"> <li>? Shall come configured with sensors for measurement of O2, CO, H2S, and LEL. An additional slot shall remain available for future use.</li> <li>? Shall be handheld, lightweight, and a portable device amendable to placement on a worker for quantitative exposure measurement. Should be able to hold and operate the device with the same hand (&lt;0.7lb).</li> <li>? Shall allow for simultaneous monitoring of up to 5 gases. The monitor shall be configurable with user exchangeable sensors.</li> <li>? Shall have capability to employ poison-resistant catalytic combustion LEL sensor to enable detection of acetylene and hydrogen gas.</li> <li>? Shall have compatible sensors for detection of at least the following: Amine, O2, CO, CO (H2 compensated), COCL2, H2S, HCN, CO2, Cl2, NH3, NO, NO2, PH3, SO2, OV, Odorant, O3.</li> <li>? Shall provide access to sensor technical data and specifications including, but not limited to detection limits, resolution, sensitivity, response time, and cross-sensitivities.</li> <li>? Shall have optional pump attachment for monitoring of confined spaces.</li> <li>? Shall be able to log data continuously for all installed sensors. All data points within the measurement session must be accessible in the downloaded data.</li> <li>? Shall have compatible software for downloading and analysis of measurement data. Shall have simple PC communication interface.</li> <li>? Shall have option to be powered from both rechargeable or alkaline battery (ies).</li> <li>? Shall have Div. 1, Class I, Groups A, B, C, D T4/T3; Class II, Groups E, F, G intrinsic safety rating.</li> </ul>
List required materials needed to make the product, including materials of product components	Similar to the Draeger X-AM 5000 Multi-gas meter, part #8320000.

Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other standards, requirements, etc.?	No
NAICS 1	541380 Testing Laboratories and Services
NAICS 2	
Additional Technical Comments	<p>2. Support Requirements</p> <ul style="list-style-type: none"> <li>• Shall offer calibration and software support, including ability to purchase.</li> <li>• Shall offer product manual.</li> <li>• The equipment manufacturer shall make replacement components available to OTC for intermediate level maintenance.</li> <li>• The equipment manufacturer shall provide training and documentation in support of OTC's efforts to perform in house calibration and repair of purchased equipment. Training may be conducted in person or virtually. Any specialized training, parts, or equipment required to perform calibration or repair of components identified as a required repair component shall be offered.</li> </ul>

## Section 4: Business Information

Estimated potential business volume	One time purchase of 50-75 units
Estimated target price / unit cost information (if unavailable explain)	Best available, as this is related to BABA, acceptable pricing is to be determined in negotiation.
When is it needed by?	At this time, the need is prior to September 30, 2025 but may be moved into Q2 or Q3.
Describe packaging requirements	Best available to be delivered undamaged. Specific requirements to be determined in negotiation.
Where will this item be shipped?	Utah

## Additional Comments

Is there other information you would like to include?	<p>For all BABA Compliance related questions please contact:</p> <p>Occupational Health and Safety Administration  Phil Smith  smith.philip.a@dol.gov</p> <p>please copy scouting@nist.gov on all communications</p>
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