

ITEM OPPORTUNITY SYNOPSIS

Scouting Number: 2023-151
 Name of the item to be scouted: Ecochem Analytics HOVACAL
 State item to be used in: North Carolina

Describe the Item:

Please describe the item application/the end use of the item. Hot wet gas calibration generator for gas analyzer calibrations equivalent to HOVACAL

Supplier Information:

Type of Supplier Being Sought (select from the list below):

Manufacturer
 Contract Manufacturer
 Distributor x
 Other (Please Specify)

Reason for Scouting Submission (select from the list below)

2nd Supplier
 Price
 Re-Shore
 Past supplier no longer available
 New Product Startup
 BABA x
 Other (Please Specify)

Summary of Technical Specifications and Performance

Requirements:

Describe the manufacturing processes (elaborate to provide as much detail as possible) N/A looking for distributor

Provide dimensions / size / tolerances / performance specifications of the item Portable

List required materials needed to make the product, including materials of product components, if applicable Portable

Are there applicable certification requirements?

Yes
 No x
 Please explain:

Are there any applicable regulations that apply to the production of this item?

Yes x
 No
 Please explain: Capable of EPA and NIST traceability

Are there any other standards / requirements?

Yes
 No x
 Please explain:

Additional Comments:

Additional technical comments:

The gas dilution calibrations systems are needed to provide NIST traceable gas standards for projects supporting the agency mission related to generating data for modifications to existing EPA Methods OTM-37, OTM-45, and OTM50, M-202, M-325 and M25A. The dilution system Purchase Request consists of 2 units (one with a two Mass Flow Controllers (MFC) the other with three MFC channels) capable of mixing Volatile Organic Compounds (VOC)/(Hazardous Air Pollutants (HAP) gases and water vapor into ranges necessary for calibrations and testing protocols. This will eliminate the need for purchasing multiple gases or systems and provide gases at concentrations lower than currently commercially available from gas vendors. These HOVACAL units have also have a superior zero to span water-based pollutant injection response time as compared to other vendors (less than 1 minute 95% response).

Volume and Pricing:

Estimated Potential Business Volume (i.e. #units per day, month, year): 2 units

Estimated Target Price / Unit Cost Information: \$109,000

Delivery Requirements:

When is it needed by? (Immediate, 30 days, 6 months, etc) Immediate

Describe packaging requirements (i.e. individually / group packaging, etc) None

Where will this item be shipped? Durham, NC

Additional Comments:

Is there other information you would like to include?