

MEPNN Supplier Scouting Opportunity Synopsis

Item Information	
Scouting Number	2023-089
Item to be Scouted	Gas chromatograph laboratory analytical instrument
Days to be scouted	14
Description	<p>Gas chromatograph (GC) system and detectors (i.e., analytical laboratory instrument, desktop computer, required software and license, and other peripheral items such as gas regulators, columns, etc.) to analyze the gases in the table below:</p> <p>Chemical Formula Analytical range required Desired analytical precision</p> <p>Methane CH4 0-100% +/- 2%</p> <p>Carbon dioxide CO2 0-100% +/- 2%</p> <p>Hydrogen H2 0-50% +/- 2%</p> <p>Nitrogen N2 0-100% +/- 2%</p> <p>Oxygen O2 0-21% +/- 2%</p> <p>Carbon Monoxide CO 10-50,000 ppm (upper limit can be higher) +/- 10 ppm</p>
State item to be used in	Ohio

Contact Information	
Email	krause.max@epa.gov
First Name	Max
Last Name	Krause
Department / Company / MEP Center	Environmental Protection Agency, U.S.
Bureau / Division / MEP Center Regional Office	

Supplier Information	
Type of supplier being sought	Manufacturer
Reason	Other
Details	Item must be new, off-the-shelf product with integrated software and hardware

Summary of technical specifications and performance requirements	
Describe the manufacturing processes (elaborate to provide as much detail as possible)	<ul style="list-style-type: none"> The GC system must be off-the-shelf product with a model or product number and arrive pre-assembled or with only minor assembly needed to fit in the desired lab space. POWER SOURCE: 100 TO 240 VAC, 50/60 HZ Footprint of the system must fit on a typical laboratory benchtop (approx. 24" x 36")
Provide dimensions / size / tolerances / performance specifications for the item	Footprint of the system must fit on a typical laboratory benchtop (approx. 24" x 36")
List required materials needed to make the product, including materials of product components	high precision machined metals, molded plastics
Are there applicable certification requirements?	No

Are there applicable regulations?	No
Additional Technical Comments	

Volume and Pricing

Estimated potential business volume	1 unit
Estimated target price / unit cost information (if unavailable explain)	\$60,000

Delivery Requirements

When is it needed by?	as soon as possible
Describe packaging requirements	Wrapped and packaged as fragile item
Where will this item be shipped?	Cincinnati, OH

Additional Comments

Is there other information you would like to include?	I have provided two quotes as examples of the type of analytical instrument to be scouted
---	---