

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2026-467
Item to be Scouted	Benchtop Gas Analyzer
Days to be scouted	30
Response Due By	09/19/2026
Description	Seeking commercial off the shelf or manufactured benchtop gas analyzer similar in form, fit, and function to OA-ICOS Enhanced Performance Benchtop Gas Analyzer, GLA431 Series

Section 2: Technical Information

Type of supplier being sought	Pre-calibrated 11"× 38"× 22" isotopic analyzer with enhanced thermal stability in benchtop package to provide
Details	Other ultra-stable and minimal drift measurements. Enhanced Performance Benchtop Liquid Water Isotopic Analyzer
Reason	Other Simultaneous and continuous measurements of delta-deuterium and delta-18-oxygen in fresh water, seawater,
Details	2nd Supplier. Current manufacturer is in Canada and other liquids. Auto-injector System
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Manufacturing typically involves precision optical component fabrication and alignment (including mirrors, lenses, and laser diode assembly), ultra-high vacuum system integration and leak testing, custom electronics design and PCB assembly for laser control, signal processing, and data acquisition, mechanical machining and assembly of the benchtop enclosure (often using materials like aluminum or stainless steel for stability and thermal management), and calibration using traceable standards
Provide dimensions / size / tolerances / performance specifications for the item	Starter Supply Kit (provided with purchase of Autoinjector) Attached: Please see attached document (BTS CORR EPA Title GLA431-LWIA Origin GR26204 072326.pdf) for additional information and specifications needed"
List required materials needed to make the product, including materials of product components	OA-ICOS™ Enhanced Performance Benchtop Gas Analyzer - GLA431 Series Rugged, sensitive, precise, accurate, highly linear (wide dynamic range) and fast. Pre-calibrated 11"× 38"× 22" isotopic analyzer with enhanced thermal stability in benchtop package to provide ultra-stable and minimal drift measurements. Enhanced Performance Benchtop Liquid Water Isotopic Analyzer Simultaneous and continuous measurements of delta-deuterium and delta-18-oxygen in fresh water, seawater, and other liquids. Auto-injector System For Liquid Water Isotope Analyzer and Isotopic Water Analyzers CTC Analytics Autoinjector (the industry standard), capable of holding 162 vials - External hardware and internal software package which enables fully integrated, programmable, automated running of water samples in 2 ml vials (includes temperature controlled, heated injector) - Includes 5-ports Ethernet switch and external router Starter Supply Kit (provided with purchase of Autoinjector)
Are there applicable certification requirements?	No
Are there applicable regulations?	No

Are there any other standards, requirements, etc.?	No
Additional Technical Comments	OA-ICOS™ Enhanced Performance Benchtop Gas Analyzer - GLA431 Series Rugged, sensitive, precise, accurate, highly linear (wide dynamic range) and fast. Pre-calibrated 11"× 38"× 22" isotopic analyzer with enhanced thermal stability in benchtop package to provide ultra-stable and minimal drift measurements. Enhanced Performance Benchtop Liquid Water Isotopic Analyzer Simultaneous and continuous measurements of delta-deuterium and delta-18-oxygen in fresh water, seawater, and other liquids. Auto-injector System For Liquid Water Isotope Analyzer and Isotopic Water Analyzers CTC Analytics Autoinjector (the industry standard), capable of holding 162 vials - External hardware and internal software package which enables fully integrated, programmable, automated running of water samples in 2 ml vials (includes temperature controlled, heated injector) - Includes 5-ports Ethernet switch and external router Starter Supply Kit (provided with purchase of Autoinjector)

Section 4: Business Information

Estimated potential business volume	1 unit
Estimated target price / unit cost information (if unavailable explain)	\$136,000 per unit
When is it needed by?	March 1, 2026
Describe packaging requirements	individually wrapped
Where will this item be shipped?	Corvallis, OR

Additional Comments

Is there other information you would like to include?	
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