

Supplier Scouting Opportunity Synopsis

Item to be scouted: Purge and trap concentrator and autosampler

Item description: The purge and trap system will enable polar, volatile Per- and Polyfluorinated Substances (PFAS) to be analyzed via Gas Chromatography-Mass Spectrometry (GC-MS) as well as EPA Method 8260.

Technical Information

Supplier Information

Type of supplier being sought: Distributor

Reason for scouting submission: 2nd supplier

Summary of technical specifications and performance requirements

Describe the manufacturing processes (elaborate to provide as much detail as possible): Instrument parts will be assembled using electronic and mechanical assembly.

Provide dimensions / size / tolerances / performance specifications for the item: Performance specifications are detailed in Statement of Work

List required materials needed to make the product, including materials of product components:
Metal plates and boxes, computer boards, valves, tubing.

Are there applicable certification requirements?: No

Are there applicable regulations?: No

Are there any other standards, requirements, etc.?: See statement of work for minimum government specifications.

Additional Comments: Components must be compatible with Thermo GC-MS equipment.

Business Information

Volume and pricing

Estimated potential business volume: 200 samples prepared per year.

Estimated target price / unit cost information (if unavailable explain): \$60,000

Delivery requirements

When is it needed by?: 16 weeks

Describe packaging requirements: Components can be individually wrapped

Where will this item be shipped?: Research Triangle Park, NC

Additional Information

Agree (click to read agreement): Yes

Statement of Work

Suggested Sources

Teledyne Tekmar

Purge and Trap Concentrator Specifications

Must meet government minimum specifications:

1. The system shall include an autosampler capable of holding > 40 samples.
2. The system shall be compatible with a variety of sample types including liquids (water) and solids (soils).
3. The system shall be compatible with EPA Methods 8260 and 5035
4. The supplied software shall be compatible with Thermo's Chromeleon Chromatography Data System and Windows 10.
5. The supplied software shall be capable of all steps of the operation of instrumentation and analysis of acquired data, including but not limited to modification of instrument settings, method parameters, data analysis and data reporting.
6. The system shall include a moisture management system.
7. The system shall include a leak check diagnostic.

INSTALLATION shall be provided on-site by vendor certified personnel at a mutually agreed upon date and time between the vendor and the U.S. EPA.

FAMILIARIZATION AND TRAINING shall be provided on-site by vendor certified personnel for at a mutually agreed upon date and time between the vendor and the U.S. EPA.

DELIVERY shall occur within 3 months of award.

INSTRUMENT SHALL MEET OR EXCEED ALL OF THE GOVERNMENT'S MINIMUM SPECIFICATIONS AT THE TIME OF COMMISSIONING FOR SERVICE AND BEFORE ACCEPTANCE OF DELIVERY BY THE GOVERNMENT.