

State of Maine Procurement Justification Form

This form must accompany all contract requests and sole source requisitions (RQS) over \$5,000 submitted to the Division of Procurement Services.

INSTRUCTIONS: Please provide the requested information in the white spaces below. See the guidance document posted with this form on the Division of Procurement Services website (Forms page) for additional instructions.

PART I: OVERVIEW

| | | | |
|---|----------------------|--|--------------------|
| Department Office/Division/Program: | | DEP, Division of Air Quality Assessment, Lab and QA Section | |
| Department Contract Administrator or Grant Coordinator: | | Andrea Galasyn | |
| (If applicable) Department Reference #: | | | |
| Amount: (Contract/Amendment/Grant) | \$ 7492.92 | Advantage CT / RQS #: | |
| CONTRACT | Proposed Start Date: | | Proposed End Date: |
| AMENDMENT | Original Start Date: | | Effective Date: |
| | Previous End Date: | | New End Date: |
| GRANT | Project Start Date: | | Grant Start Date: |
| | Project End Date: | | Grant End Date: |
| Vendor/Provider/Grantee Name, City, State: | | Entech Instruments, Inc Simi Valley, CA | |
| Brief Description of Goods/Services/Grant: | | 6L stainless steel canisters used to collect air samples for volatile organic compound (VOC) analysis for use in the ME DEP Air Laboratory | |

PART II: JUSTIFICATION FOR VENDOR SELECTION

Mark an "X" before the justification(s) that applies to this request. (Check all that apply.)

| | | | |
|---|-----------------------------------|--|----------------------------------|
| | A. Competitive Process | | G. Grant |
| | B. Amendment | | H. State Statute/Agency Directed |
| x | C. Single Source/Unique Vendor | | I. Federal Agency Directed |
| | D. Proprietary/Copyright/Patents | | J. Willing and Qualified |
| | E. Emergency | | K. Client Choice |
| | F. University Cooperative Project | | L. Other Authorization |

PART III: SUPPLEMENTAL INFORMATION

Please respond to ALL of the following:

- Provide a more detailed description and explain the need for the goods, services or grant to supplement the response in Part I.**

The ME DEP Air Laboratory provides ambient air analysis for volatile organic compounds (VOCs) using a gas chromatograph/mass spectrometer (GCMS) by EPA Method TO-15 in support of the Monitoring Sections Hazardous Air Pollutant (HAPs) network. When time and resources allow, the laboratory also participates in special studies such as the ecomaine Pharmaceutical Study in 2013, Long Island Sound Tropospheric Ozone Study (LISTOS) in 2017 and 2018, and currently the partnership with the cities of South Portland and Portland

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PART III: SUPPLEMENTAL INFORMATION

to help determine the air quality throughout the city. Samples are collected in 6L canisters.

As budget allows, the Air Laboratory purchases new canisters to replace older canisters that have been removed from sampling rotation. Canisters are most commonly removed from rotation due to leaks but over time, the coating inside of the canisters can degrade causing chemical instability and preventing the lab from meeting quality control requirements. Some canisters in our inventory are over 15 years old.

Earlier this year EPA released method TO-15A, an update to method TO-15. The new methodology focuses heavily on increasing analytical sensitivity to lower concentrations. High quality canisters used for collection are required to accurately see these low values.

2. Provide a brief justification for the selected vendor to supplement the response in Part II.

Entech air sampling canisters are treated with a unique ultra-inert ceramic coating called Silonite that prevents exposure of target chemicals to catalytic metal surfaces and increases the range of recoverable compounds.

We have not purchased canisters previously from Entech however the laboratory currently uses Entech preconcentration, dilution, and cleaning systems and have found them to be of good quality and able to meet our high-quality assurance standards. Our counterparts in New York have reported that they find better recovery in Entech canisters vs canisters from other manufacturers.


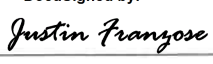
3. Explain how the negotiated costs or rates are fair and reasonable; or how the funding was allocated to grantee.

Entech is currently offering an additional 33% off the list price of the canisters. Canisters are regularly priced at \$628 each but will be \$420.76 on sale saving us over \$3500.

4. Describe the plan for future competition for the goods or services.

By purchasing the new canisters, we will be able to continue analyzing ambient air samples by EPA Method TO-15 for the monitoring network as well as special studies. We will also be able to transition to method TO-15A when required. We will continue to update our inventory to replace canisters that can no longer hold sufficient vacuum to support our ambient air monitoring sample collection and analysis as well as canisters that will no longer meet our high-quality assurance standards due to age.

PART IV: APPROVALS

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| Signature of requesting Department's Commissioner (or designee): | <i>By signing below, I signify that I approve of this procurement request.</i> | | |
| |  | | |
| Printed Name: | Gerald D. Reid | Date: | 6/8/20 |
| Signature of DAFS Procurement Official: | DocuSigned by:  | | |
| Printed Name: | AEEED9C7B3A8044E... Justin Franzose | Date: | 6/12/2020 |