



## PROCUREMENT JUSTIFICATION FORM (PJF)

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. All responses (except signatures) must be typed; no hand-written forms will be accepted. See the guidance document posted with this form on the Division of Procurement Services intranet site (Forms page) for additional instructions.*

PART I: OVERVIEW				
Department Office/Division/Program:		Environmental Protection/Air Quality Assessment		
Department Contract Administrator or Grant Coordinator:		David Lemery		
(If applicable) Department Reference #:		010-06A-0250-10 7200		
Amount: (Contract/Amendment/Grant)	\$ 43,950.00	Advantage CT / RQS #:	06A 20231011*0595	
<b>CONTRACT</b>	Proposed Start Date:	Click or tap to enter a date.	Proposed End Date:	Click or tap to enter a date.
<b>AMENDMENT</b>	Original Start Date:		Effective Date:	
	Previous End Date:		New End Date:	
Vendor/Provider/Grantee Name, City, State:		Wilbur Technical Services, LLC; Mount Vernon, NH VC0000163770		
Brief Description of Goods/Services/Grant:		Purchase of one (1) Teledyne T640x Continuous Particulate Monitors		

PART II: JUSTIFICATION FOR VENDOR SELECTION			
Check the box below for the justification(s) that applies to this request. (Check all that apply.)			
<input type="checkbox"/>	A. Competitive Process	<input type="checkbox"/>	G. Grant
<input type="checkbox"/>	B. Amendment	<input type="checkbox"/>	H. State Statute/Agency Directed
<input checked="" type="checkbox"/>	C. Single Source/Unique Vendor	<input type="checkbox"/>	I. Federal Agency Directed
<input type="checkbox"/>	D. Proprietary/Copyright/Patents	<input type="checkbox"/>	J. Willing and Qualified
<input type="checkbox"/>	E. Emergency	<input type="checkbox"/>	K. Client Choice
<input type="checkbox"/>	F. University Cooperative Project	<input type="checkbox"/>	L. Other Authorization

*Please respond to ALL of the questions in the following sections.*

**PART III: SUPPLEMENTAL INFORMATION**

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

Maine DEP is committed to providing ambient air quality information to the public, as well as to air quality forecasters, in a timely fashion. With the introduction of new technology in recent years, the DEP has been able to post hourly values of fine particulate concentrations within minutes of polling. Most of our current continuous particulate monitors are greater than 10 years and nearing the end of their operational life expectancy and procuring replaces is necessary to maintain an operational network. The current units also utilize a mature technology, have significant noise and drift in the measurements that require multiple days to readjust, resulting in significant data loss across the network.

Unlike all other particulate pollutant monitors on the market, the Teledyne 640x monitor is the only Federal Equivalent Method (FEM) monitor capable of measuring multiple particulate pollutant parameters simultaneously; it is a true continuous particulate pollutant monitor and provides instantaneous data and short interval (1-minute average) data meaningfully increasing resolution during episodes; has good connectivity to our DAS units; and has a robust user interface that can accessed remotely by the instrument operator reducing the number of trips site operators need to make to monitoring sites. The T640x has a unique calibration procedure that allows the site operator to test the detector response to particulate matter.

As part of the Departments state-wide particulate pollutant monitoring, ten manual filter-based monitors (2000i) are used. Six of these monitors are used to measure fine particulates, and the remaining four are used to measure coarse particulates. The cost for consumables and the contracting for filter weighing for these 10 monitors are about \$10,000.00 a quarter. A purchase of a single T640x will allow the department to disband with all coarse particle monitoring via filter-based methods as we would meet other federal monitoring requirements, and the cost savings from the reduced filter-based monitors should offset the T640x within a few years.

2. Provide a brief justification for the selected vendor to supplement the response in Part II. Reference the RFP number, if applicable.

Wilber Technical Services is the exclusive distributor of Teledyne API instruments in the New England region. Both Teledyne API and the vendor have a very good track record with us for technical support. The vendor, based out of New Hampshire, has on multiple occasions traveled to Maine to provide technical assistance, meeting staff either on site, or at one of our offices which has allowed for decreased cost and down time associated with shipping bulky equipment or out-of-state travel for state employees.

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

The Teledyne T640x is the only FEM monitor on the network that can measure both primary particulate pollutant parameters simultaneously. The price of a single T640x monitor is fair when compared to the two monitors that would be required to match the abilities of the T640x. The cost is made more reasonable as this purchase will allow for significant cost savings over time with the reduction of the manual filter-based methods.

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

Currently, the Teledyne T640x is the only FEM monitor on the market that can measure both primary particulate pollutant parameters simultaneously. However, all instruments have a natural lifetime. With proper maintenance the equipment will last for many years before needing to be upgraded or replaced. Each upgrade provides a potential to foster competition.

**PART IV: AMERICAN RESCUE PLAN ACT (ARPA) / MAINE JOBS & RECOVERY PLAN (MJRP)**


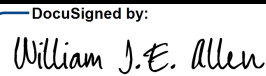
Does this request utilize ARPA/MJRP funds?

Yes – If Yes, please attach the approved Business Case(s).

No – If No, proceed to Part V.

**PART V: APPROVALS**

The signatures below indicate approval of this procurement request.

Signature of requesting Department's Commissioner (or designee):			
Typed Name:	Melanie Loyzim, Commissioner	Date:	Oct 18, 2023
Signature of DAFS Procurement Official:	<small>DocuSigned by:</small> 		
Typed Name:	<small>2D5B6E39F57E44A...</small> William J.E. Allen	Date:	11/1/2023

NOI 1120231217 11/02/2023 - 11/08/2023