

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:		Environmental Protection / Bureau of Air Quality / Division of Air Quality Assessment / Ambient Air Monitoring			
Department Contract Administrator or Grant Coordinator:		Andrew Johnson			
(If applicable) Department Reference #:					
Amount: (Contract/Amendment/Grant)	\$ 73,902.00	Advantage CT / RQS #:	06A 20211008*0998		
CONTRACT	Proposed Start Date:	10/1/21	Proposed End Date:	9/30/22	
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:		Wisconsin State Laboratory of Hygiene, Madison, WI			
Brief Description of Goods/Services/Grant:		Analytical and monitoring site support services for atmospheric deposition samples			

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:

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

The continued precipitation chemistry and mercury analyses of wet deposition samples are critical to maintaining a scientifically and statistically valid data base for determining and assessing long-term trends in atmospheric sulfates, nitrates and mercury deposition to the Maine environment. The high-quality data produced by these monitoring networks is needed by both federal and state policy makers to assess the need for regulatory programs to control and reduce emissions of sulfur, nitrogen and mercury to the atmosphere, and to judge the effectiveness of any such adopted regional or federal

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PART III: SUPPLEMENTAL INFORMATION

control programs. Scientists and other users researching a vast array of impacts and effects on a variety of ecosystems, who require long-term trend datasets, depend on the data generated by this monitoring network.

These are ongoing annual analytical services which we are now contracting on a federal fiscal year basis. The impact of a delay or postponement in the continued analyses of these samples would: 1) interject a confounding level of uncertainty about interpreting and understanding any future changes observed in precipitation chemistry and mercury deposition levels, 2) jeopardize the ability to determine the success or failure of current regulatory emission control strategies and programs designed to decrease the environmental impacts of sulfur, nitrogen and mercury deposition, and 3) represent a significant loss of valuable and important environmental data routinely used by scientists, researchers and natural resource managers across the state, as well as nationally, in on-going studies and programs.

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

DEP's deposition monitoring sites have been part of the National Atmospheric Deposition Program's (NADP) National Trends Network (NTN) and the Mercury Deposition Network (MDN) since 1979 and 1996, respectively. These are nationwide long-term deposition monitoring networks, which provide a national framework for collecting and disseminating quality assured deposition data that has been collected and analyzed following a common set of protocols in order to ensure consistency and comparability in the measurements and in the data. Consistency and comparability in the analytical data are also achieved by having all samples collected within a network analyzed by a single, common laboratory such as NADP's Central Analytical Lab (CAL) for NTN samples and the Hg Analytical Laboratory (HAL) for MDN samples. A benefit of using a national laboratory for this purpose provides economies of scale because of the large volume of samples it analyzes, which it can do at a much less expensive rate than any Maine / state-based effort analyzing just our own samples could. There are no other labs that I am aware of that provide this unique suite of analytical services and monitoring support.

NADP's analytical laboratory services are specifically designed to match the requirements of the NADP's NTN and MDN sampling and analytical protocols, as detailed in their Quality Assurance Project Plans for various components of those programs. In order to have one's deposition monitoring sites considered as belonging to the NADP NTN or MDN network, the samples must be analyzed by either the CAL or the HAL. As mentioned previously, the value and benefit to DEP of its sites belonging to these networks is the consistency and comparability of the data generated by all of its sites, providing for direct "apples to apples" comparisons with data from other states' sites.

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

In order to belong to this national program and its deposition monitoring networks, using another laboratory's analytical services is simply not an option.

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

The NADP has a process in place to issue 5-year contracts with its analytical labs. A competitive bidding process is undertaken at that time. This cost for analytical services that are the subject of this request are the same as last year.

PART IV: APPROVALS

Signature of requesting Department's Commissioner (or designee):	<i>By signing below, I signify that I approve of this procurement request.</i>		
	<i>David R. Madore for Melanie Loyzim</i>		
Printed Name:	Melanie Loyzim	Date:	Oct 12, 2021
Signature of DAFS Procurement Official:	DocuSigned by: <i>William J.E. Allen</i>		
Printed Name:	william J.E. Allen <small>2D5B8E39F57E44A...</small>	Date:	10/13/2021

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