

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/Technical Services/PFAS Initiative			
		Lindsey Caron			
(If applicable) Department Reference #:					
Amount: (Contract/Amendment/Grant)	\$75,000	Advantage CT / RQS #:	CT #20210920*0721		
CONTRACT	Proposed Start Date:	9/15/2021	Proposed End Date:	9/15/2022	
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:		Sanborn, Head, and Associates Concord, NH			
Brief Description of Goods/Services/Grant:		Environmental Sampling for PFAS in Soil			

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	X	H. State Statute/Agency Directed
X	C. Single Source/Unique Vendor		I. Federal Agency Directed
	D. Proprietary/Copyright/Patents	X	J. Willing and Qualified
X	E. Emergency		K. Client Choice
	F. University Cooperative Project		L. Other Authorization
	G.		M.

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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.

Legislation passed in 2021 (LD1600) tasks the Department to test soil at several sites, including all residual spreading sites in Maine. As part of this task, a background study is needed to evaluate soil concentrations in Maine soils. Vermont completed a shallow soil background study and published a paper entitled "PFAS Background in Vermont Shallow Soils", authored by the University of Vermont and Sanborn Head Associates, Incorporated. The Department will contract with Sanborn Head to have the authors of the Vermont study work with the Department staff to design, implement, and author a report to the Department that uses the same methodology used by Sanborn Head for the state of Vermont. Harrison Roakes, P.E., and Stephen Zemba, PH.D., P.E., are senior level Environmental Professionals employed by Sanborn Head and are lead authors and developers of the Vermont Study. Roakes and Zemba expertise is needed to evaluate the background soils in Maine in accordance with the Vermont study. Sanborn Head environmental professionals are recognized as having experience and job knowledge in PFAS soil sample collection, data quality review, and data analysis needed for this study. The report is needed by December 31, 2021 to develop and support rule making for Chapter 418 and make decisions regarding residuals spreading in 2022. In order for the report to be delivered by December 31, sampling will need to be completed in October, analyzed, reviewed and qualified in October, and a draft report prepared in November for review and finalized in December. Technical Services staff have determined that Sanborn Head is the only environmental consulting firm with the job knowledge and expertise to complete the study using the Vermont methodology, review the data, interpret the data, complete the statistical analyses, and write the report in the timeline needed.

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

Sanborn Head employs two Environmental Professionals who are lead authors on the PFAS Background in Vermont Shallow Soils. The authors are nationally known and well-respected environmental professionals who are needed to help the Department establish background concentrations in Maine. The report for Maine is needed by December 31, 2021 to meet the schedule for making decisions on Chapter 418, Appendix A, Table 1. Sanborn Head has the knowledge and expertise to design, collect, interpret, and statistically analyze the data to provide the Department with the needed information that is consistent with the Vermont Study.

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


Having completed a similar, highly specialized study in Vermont, Sanborn Head understands the level of effort needed to reproduce the study in Maine. The costs are negotiated based on competitive hourly rates for qualified field staff trained in PFAS sample collection and senior level scientists with expertise in reviewing PFAS data quality, interpreting PFAS data, and statistically analyzing the data using ProUCL software. The sampling costs for this 64-sample PFAS background study are comparable to five bids received on a similar 30-sample metals background study awarded when considering that the locations for the 30-sample study are known, permission to sample has been granted, no statistical analyses were required, and no draft or final report was required. This 64-sample PFAS background study budget includes several additional tasks that the 30-sample metals study does not. This 64-sample PFAS background study includes selecting the locations of the 64 samples within each of Maine's 16 counties, obtaining landowner permission to collect samples, draft and final report preparation, PFAS data quality control review, statistical analyses, and additional PFAS-specific precautions that are not required for metals sampling and analyses.

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

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Future goods and services for non-time critical services will be bid through the DEP Environmental Consulting Services contract when specific job knowledge and expertise are not required or can be addressed through the Environmental Consulting Services contract.

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>		
			
Printed Name:	Melanie Loyzim	Date:	Sep 23, 2021
Signature of DAFS Procurement Official:	<small>DocuSigned by:</small> <i>William J.E. Allen</i>		
Printed Name:	<small>2D5B6E39F57E44A...</small> William J.E. Allen	Date:	10/8/2021

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