

## 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/BLWQ/DEA		
Department Contract Administrator or Grant Coordinator:		Angela Brewer		
(If applicable) Department Reference #:				
Amount: (Contract/Amendment/Grant)	\$ 11,934.46	Advantage CT / RQS #:		
PURCHASE	Proposed Start Date:	02/4/2020	Proposed End Date:	03/13/2020
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:		Fondriest Environmental, 2091 Exchange Court, Fairborn, OH 45324		
Brief Description of Goods/Services/Grant:		Underwater light loggers, bracket attachments, and wipers for monitoring in marine waters		

### 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.**

Knowledge of underwater light levels specific to submerged aquatic vegetation needs is critical to understanding measurable impacts of nitrogen pollution on the native biological community, and is a critical need for assessment of water quality standards attainment. Due to funding restrictions from 106 Supplemental awards, the Marine Unit has used inexpensive HOBO light loggers to measure a broader light spectrum than needed by eelgrass, which foul readily thus requiring frequent and time-consuming maintenance. New on the market is a PAR logger with attached sensor and optional wiper that allows for 1) light data specific to the needs of eelgrass, 2) temperature data that enables longer records within sensitive habitats, and 3) long term

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### PART III: SUPPLEMENTAL INFORMATION

deployments requiring minimal maintenance. Relative to existing technological capabilities, data generated from each PAR logger would improve information accuracy and result in better certainty about potential impairment. Four loggers with wipers are planned to allow deployments at three long term monitoring sites.

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

Fondriest Environmental is the only known company to be manufacturing standalone (not part of a larger, more expensive piece of monitoring equipment) PAR loggers with custom brackets and wipers. The wipers are essential to the long term suitability and minimal maintenance needs of these sensors when deployed in the marine environment.

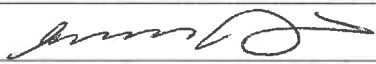
**3. Explain how the negotiated costs or rates are fair and reasonable; or how the funding was allocated to grantee.**

The cost of the four PAR sensors alone from the manufacturer (LICOR) is approximately \$6,400, which is comparable to Fondriest's price of the sensor plus the tilt and temperature loggers. The remaining parts require custom machining, copper parts to resist rusting, and internal motors that require waterproof seals. Where there is not another known company that produces the same product, it is difficult to know if these sensor packages could be manufactured for less, although the prices seems reasonable given the components costs. The National Park Service has a number of these sensor packages in use along the East coast, and has demonstrated strong performance in similar marine habitats as Maine.

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

If additional logger packages are needed and another company is known to produce them, a competitive bid will be solicited.

### PART IV: APPROVALS

<b>Signature of requesting Department's Commissioner (or designee):</b>	<i>By signing below, I signify that I approve of this procurement request.</i>		
			
<b>Printed Name:</b>	Gerald Reid, DEP Commissioner	<b>Date:</b>	3/19/20
<b>Signature of DAFS Procurement Official:</b>	DocuSigned by: <i>William J.E. Allen</i>		
<b>Printed Name:</b>	William J.E. Allen	<b>Date:</b>	3/27/2020

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