



DEPARTMENT OF ADMINISTRATIVE AND FINANCIAL SERVICES  
**DIVISION OF PROCUREMENT SERVICES**  
 STATE OF MAINE

**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:		Department of Marine Resources	
Department Contract Administrator or Grant Coordinator:		Casey Yanos/Angela Hopkins	
(If applicable) Department Reference #:			
Amount: (Contract/Amendment/Grant)	\$ 175,000	Advantage <u>CT</u> / RQS #:	13A 2022091900000000833
<b>CONTRACT</b>	Proposed Start Date:	10/1/2022	Proposed End Date: 6/30/2023
<b>AMENDMENT</b>	Original Start Date:	Click or tap to enter a date.	Effective Date:
	Previous End Date:	Click or tap to enter a date.	New End Date: Click or tap to enter a date.
<b>GRANT</b>	Project Start Date:		Grant Start Date:
	Project End Date:		Grant End Date:
Vendor/Provider/Grantee Name, City, State:		University of Maine (Gregory Gerbi), Orono, ME	
Brief Description of Goods/Services/Grant:		To complete monitoring of the oceanographic conditions and processes in the area proposed for the Gulf of Maine Offshore Wind Research Array.	

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.	<p>Provide a more detailed description and explain the need for the goods, services or grant to supplement the response in Part I.</p> <p>The purpose of this Contract is to conduct monitoring of the physical oceanographic conditions present in and around the Maine Offshore Wind Research Array prior to the construction of the array with the installation of land-based high frequency radars and work with underwater ocean gliders. A baseline understanding of the ocean conditions and processes in the area of the research array will be established as there is little previous data for this area. This project, therefore, fills a data gap that is important to developing an understanding of how the research array may impact ocean conditions in the area. This monitoring project will include 1) the siting, installation, and operation of two land-based high frequency radar stations, and 2) the operation of a DMR-owned underwater ocean glider. Measurements of physical, biogeochemical, and biological quantities will be taken and can contribute to larger efforts which will take place in the coming years to measure overall ecosystem effects of offshore wind energy infrastructure. Data will be collected continuously from the radar stations and glider to provide mean conditions, seasonal and interannual variability, and spatial variability on a range of scales. Once the radar stations are installed, they will collect data over many years which will encompass the various stages of the array construction and operation processes which will be analyzed to detect changes to oceanographic conditions that coincide with these activities. The glider will be deployed continuously for multiple years as well and will collect in-water measurements which will complement surface data collected by the radar system. Completing the installation of the radar stations this year will allow us to begin collecting data this year; having data starting a few years prior to any construction activities will minimize the risks of over or underestimating the effect of offshore wind infrastructure on oceanographic patterns which may naturally fluctuate over the course of a couple of years. The radar stations and glider will collect far more data than would be possible with periodic boat-based surveys which is essential for our understanding of the impacts the research array may have on the ecosystem.</p> <p>The Provider shall oversee a co-PI and technician from Woods Hole Oceanographic Institution (WHOI) who will assist with work on the radar stations as well as a technician from the University of Maine who will assist with the glider surveys. The Provider will work with DMR staff to obtain all of the necessary data to complete the analysis. The project team, including all University of Maine, WHOI, and DMR staff working on and advising the project, will meet at least monthly to provide updates and get feedback on direction, needs, and timelines.</p>
2.	<p>Provide a brief justification for the selected vendor to supplement the response in Part II. Reference the RFP number, if applicable.</p> <p>Greg Gerbi at the University of Maine is the named Principal Investigator for this project and is essential to its success. Greg is a research scientist with extensive experience working on oceanographic monitoring efforts. He has a proven track record of working with the data collected in these types of monitoring efforts and disseminating his results in sources that will be the most impactful.</p>
3.	<p>Explain how the negotiated costs or rates are fair and reasonable, or how the funding was allocated to grantee.</p> <p>The negotiated costs are based on the quoted amount for Dr. Gerbi and a technician from the University of Maine and a co-PI and technician from Woods Hole Oceanographic Institute who will assist with this project. All personnel costs are subject to University of Maine approved rates.</p>
4.	<p>Describe the plan for future competition for the goods or services.</p>

**PART III: SUPPLEMENTAL INFORMATION**

This is a difficult skill to make competitive since it is so specialized and grant funds cannot be obtained with designating these skilled people on the proposal at the time of submission. The recruitment of post docs or students who assist with this work can be a competitive process.

**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):			
	Patrick Keliher (Oct 31, 2022 14:27 EDT)		
Typed Name:	Patrick Keliher, Commissioner	Date:	Oct 31, 2022
Signature of DAFS Procurement Official:			
	<small>891CE7A1493D45B...</small>		
Typed Name:	Martha verhille	Date:	11/10/2022

# UNiv of ME PJF and CT 13A 20220919-0833

Final Audit Report

2022-10-31

Created:	2022-10-31
By:	melissa macaluso (melissa.macaluso@maine.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAM99-pJ8QxWzPlxFkrb04lx8cdvuY5H9

## "UNiv of ME PJF and CT 13A 20220919-0833" History

-  Document created by melissa macaluso (melissa.macaluso@maine.gov)  
2022-10-31 - 4:07:56 PM GMT- IP address: 198.182.163.115
-  Document emailed to patrick.keliher@maine.gov for signature  
2022-10-31 - 4:09:26 PM GMT
-  Email viewed by patrick.keliher@maine.gov  
2022-10-31 - 6:24:52 PM GMT- IP address: 104.47.65.254
-  Signer patrick.keliher@maine.gov entered name at signing as Patrick Keliher  
2022-10-31 - 6:27:04 PM GMT- IP address: 174.196.196.135
-  Document e-signed by Patrick Keliher (patrick.keliher@maine.gov)  
Signature Date: 2022-10-31 - 6:27:06 PM GMT - Time Source: server- IP address: 174.196.196.135
-  Agreement completed.  
2022-10-31 - 6:27:06 PM GMT