



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:		Marine Resources, Biological Monitoring and Assessment	
Department Contract Administrator or Grant Coordinator:		Jessica Waller (350 6440)	
(If applicable) Department Reference #:			
Amount: (Contract/Amendment/Grant)	\$ 61,380.00	Advantage CT / RQS #:	13A 2022051100000001328
CONTRACT	Proposed Start Date:	5/10/2022	Proposed End Date: 8/31/2022
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:		Yokogawa Fluid Imaging Technologies Inc (VC0000198421) Scarborough, ME 04074	
Brief Description of Goods/Services/Grant:		FlowCam 8100 Particle Analysis System	

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.

This FlowCam system will be used by DMR and researchers at Bigelow Laboratory for Ocean Sciences to conduct phytoplankton and zooplankton surveys in the Gulf of Maine Floating Offshore Wind Research Array as a part of DMR's pre-construction monitoring program. This research plan has been approved by DMR and is scheduled to begin in 2023. This system is a key part of this research plan and will allow for DMR to study the potential ecosystem impacts of floating wind turbines.

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

The founders of Yokogawa Fluid Imaging Technologies invented this technology while employed at Bigelow Laboratory for Ocean Sciences, our collaborator in this research, with the specific aim of photographing, enumerating, and identifying Gulf of Maine plankton species. This company holds all the patents for this technology and is the only company able to manufacturer and service this equipment. Given the specificity of the equipment and this close working relationship, researchers at Bigelow Laboratory for Ocean Sciences will only use equipment from this company for these types of research investigations. This equipment has been specifically developed to conduct phytoplankton and zooplankton research in the Gulf of Maine and is therefore the only technology well suited for this specific research initiative.

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

Yokogawa Fluid Imaging Technologies has offered the State of Maine a 25% discount on this scientific instrument as DMR will be collaborating on this research with Bigelow Laboratory for Ocean Sciences, the institution where this technology was invented. The funding was granted by the State to DMR to study the potential environmental impacts of the Gulf of Maine Floating Offshore Wind Research Array.

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

Yokogawa Fluid Imaging Technologies Inc is the only company that can manufacture this oceanographic instrument as they invented it and have the patent on this instrumentation. This instrument needs to be made to specific criteria to record high-quality plankton data continuously for long-periods of time. This is the only instrument of this kind that can be deployed for these measurements. If analogous products arise in the coming years, we will discuss fostering competition.

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

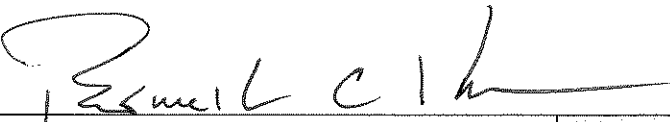
Does this request utilize 61380ARPA/MJRP funds?

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:	Patrick Keliher	Date:	5/11/22

Signature of DAFS Procurement Official:	DocuSigned by: 		
Typed Name:	2D5B6E39F57E44A... William J.E. Allen	Date:	5/25/2022

NOI 0520220491 05/25/2022 - 05/31/2022