



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/Governor's Energy Office	
Department Contract Administrator or Grant Coordinator:		Jesse Minor/Amanda Webb	
(If applicable) Department Reference #:		N/A	
Amount: (Contract/Amendment/Grant)		\$ 56,362.63	Advantage CT / RQS #:
CONTRACT	Proposed Start Date:	4/1/2024	Proposed End Date: 6/30/2024
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:		Kongsberg Underwater Technology LLC, Lynnwood, Washington	
Brief Description of Goods/Services/Grant:		Heading, attitude and positioning system (integrated miniMRU & Seapath 380) for multibeam echosounder	

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 checked="" 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

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.

The Maine Coastal Mapping Initiative requires an additional hydrographic survey system to accomplish high-resolution mapping of the seafloor funded by a MOU with the Governor's Energy Office. This sonar system and associated equipment will be mounted on contracted vessels to rapidly expand the area mapped by MCMI and DMR. High-resolution mapping is critically important for gaining greater understanding of benthic habitats, geologic history, and seafloor composition which has wide ranging implications for fisheries, navigation, and offshore energy efforts, among others. Data collected by the program meets or exceeds federal and international standards and is shared with state and federal partners for open access and updating national products. The program's systems are aligned with US Navy, NOAA, and international specifications, which allows for wide-ranging applications of data collected and collaboration with partners worldwide. The new sonar system must meet these same requirements and capabilities for alignment with our partners. This equipment is paired with the MBES system quoted separately and provides real-time GPS locations and accounts for vessel movement for data correction and quality control.

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

The Maine Coastal Mapping Initiative requires a heading, attitude, and positioning system that meets very strict specifications defined by federal and international organizations to collect high-resolution bathymetric data. The Seapath 380 system and MRU provides accuracies necessary for the program to collect bathymetric data to the standards outlined by these organizations, and it includes proprietary algorithms and implements many processing best-practices that no other manufacturer can meet. Furthermore, Kongsberg is the only manufacturer with a system that is both compatible with the program's newly upgraded multibeam echosounder and the existing older system. Compatibility is an important consideration as alternative options would incur significant costs to the program and would not have any guarantee of integrating properly. The heading, attitude, and positioning system quoted requires the least amount of time and expenditure to refit or append this system into the program's current workflow as other options are not directly compatible. Troubleshooting future system issues would be further complicated with another manufacturer, as manufacturer guarantees do not extend to units built by other providers and cost to diagnose issues would increase if another unit were selected.

The Kongsberg system is determined to be the industry standard for the scope of work being done and its applications both internally and with federal and international partners. Identical systems are in use by NOAA and US Navy partners, with whom MCMI data are shared for national products. Furthermore, the datagrams and outputs from this system can be readily shared with academic institutions and international partners due to the widespread standardized use of the given systems. The seamless integration of the data the program collects into applications with federal, state, and international partners is critical as derivative products can be generated from cohesive datasets with consistency that can be widely applicable versus discrete incompatible data. It is paramount that the program maintains its vertical integration with federal partners and Kongsberg is the only manufacturer that meets this need.

PART III: SUPPLEMENTAL INFORMATION

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

The quoted heading, attitude, and positioning system cost associated with this PJF is in line with or better than comparable systems from other market leaders. Recent quotes from other manufacturers for systems with similar specifications will cost the same or more than the Kongsberg system option.

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

At end-of-life of the newly acquired heading, attitude, and positioning system (10-year lifespan predicted) a new competitive bid process can be opened once again for manufacturers to propose systems that meets MCMI's program needs.

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

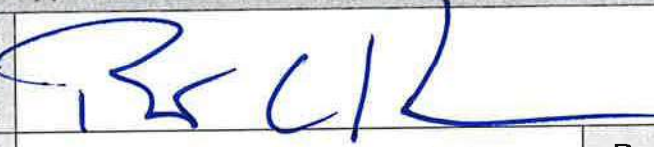
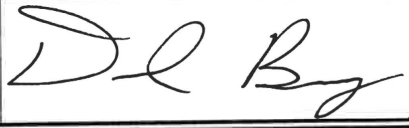
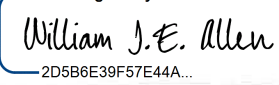
Does this request utilize ARPA/MJRP funds?

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):		
Typed Name:	Patrick Keliher, DMR Commissioner	Date: 2/16/24
Signature of requesting Department's Commissioner (or designee):		
Typed Name:	Dan Burgess, Director of GEO	Date: 2/20/24
Signature of DAFS Procurement Official:	<small>DocuSigned by:</small>  <small>2D5B6E39F57E44A...</small>	
Typed Name:	William J.E. Allen	Date: 4/2/2024

NOI 0420240361 04/03/2024 - 04/09/2024