



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:		DAFS/OIT/MEGIS	
Department Contract Administrator or Grant Coordinator:		Brian Guerrette	
(If applicable) Department Reference #:			
Amount: (Contract)	\$ 495,000.00	Advantage CT / RQS #:	CT 18B 20240215-2253
CONTRACT	Proposed Start Date:	3/1/2024	Proposed End Date: 7/1/2027
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:		United States Geological Survey (USGS) Adam Benthem, National Map Liaison National Geospatial Program 331 Commerce Way, Pembroke, NH 03275-3718	
Brief Description of Goods/Services/Grant:		USGS DCA LIDAR Program, Maine Western Mountains	

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.

USGS provides grant funding through their Broad Area Announcement (BAA) program. The State will be using the Geospatial Product and Service Contract (GPSC) award. With the GPSC contract (USGS's preferred method), the State will provide USGS with funds to complete the project.

The U.S. Geological Survey's (USGS) Geospatial Product and Service Contracts (GPSC) is a suite of contracts used by Federal, State, and municipal government entities to partner with the USGS for purpose of fulfilling their geospatial data requirements. Photogrammetric and mapping services are primarily awarded under the umbrella of Architect-Engineer (A&E) contracting. The contracts are broad in scope and can accommodate any activity related to standard, nonstandard, graphic, and digital cartographic products. (Source: <https://www.usgs.gov/core-science-systems/national-geospatial-program/geospatial-products-and-services-contracts>)

The State of Maine agencies need high-resolution topography (provided by LIDAR) to efficiently provide mapping data and services. This data also provides benefits to the private sector. The cost of acquisition is extremely high, and the best approach is to acquire the data on a large geographic scale. By partnering with multiple federal agencies, state, private, and non-profit organizations, the cost becomes more affordable.

These data will be used by Maine State agencies to support ongoing operations in Maine in the following areas:

- Water Supply and Quality-Watershed Assessments and Management Maine Department of Environmental Protection
- Forest Resources Management-Characterization of the Forest and Water Resource, Cooperative Forestry Research Unit
- Wildlife and Habitat Management-Big game population management; protection and management of fish, non-game wildlife, and habitats; Maine Department of Inland Fisheries and Wildlife
- Geologic Assessment and Hazard Mitigation-Geologic Mapping, Resource Assessment, and Hazard Mitigation, Maine Geological Survey
- Infrastructure and Construction Management-Infrastructure Management - The Maine Department of Transportation
- Education K-12 and Beyond-Education and basic and applied research using geospatial applications, University of Maine System

Our Areas of Interest aligns with the USGS FY24 DCA Map 3DEP-G Fed High Priority Areas of Interest (source NRCS).

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

USGS will coordinate acquisition of approximately 5,053 square miles of detailed elevation mapping data for Western Mountains and will deliver 3D elevation program data with additional products and services.

The estimated value of this project is \$914,657 and our federal partners will provide 51% of the funding and the GeoLibrary and its state partners will contribute the remaining 49%, for a total of \$447,676.

PART III: SUPPLEMENTAL INFORMATION

The State, counties and municipalities of Maine do not perform these services. The service requires specially equipped aircraft to collect the data. Data post processing is required after data collection.

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

The State has current, contracted rate sheets from its LIDAR vendor, Quantum Spatial and LiDAR quality control service provider. The quoted costs are in line with the rate sheet negotiated with the LIDAR vendor and are reasonable based on historical data; however, the federal government may be able to negotiate better rates because of the large volume of projects that they contract for each year.

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

The agency plans to continue to partner with USGS in the future to maximize financial fund match and purchasing

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

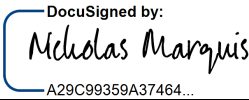
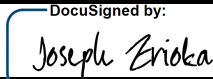
Does this request utilize ARPA/MJRP funds?

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):	 A29C99359A37464...		
Typed Name:	Nick Marquis, Chief Information Officer	Date:	3/11/2024
Signature of DAFS Procurement Official:	 EA813178102243C...		
Typed Name:	Joseph Zrioka, Director of IT Procurement	Date:	3/11/2024