



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 Agriculture, Conservation and Forestry/Maine Geological Survey	
Department Contract Administrator or Grant Coordinator:		Amber Whittaker	
(If applicable) Department Reference #:			
Amount: (Contract/Amendment/Grant)	\$ 12,000	Advantage CT / RQS #:	CT 01A 20220511*2835
CONTRACT	Proposed Start Date:	6/1/2022	Proposed End Date: 1/31/2023
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:		Chunzeng Wang 50 Lombard St., Presque Isle, ME 04769	
Brief Description of Goods/Services/Grant:		Geologic Mapping for the STATEMAP FY22 project	

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 checked="" 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.

A contract geologist is needed for the Maine Geological Survey (MGS) to fulfill its obligation under the U.S. Geological Survey's STATEMAP program to provide bedrock geologic maps of portions of northern Maine by May 2023. This contract covers necessary bedrock geologic mapping in the **Spider Lake** quadrangle, northern Maine. While the MGS has the staff and facilities to compile geologic information, it does not have a sufficient in-house workforce to complete the necessary field mapping for this project in the time required. **This amendment doubles the scope of work and therefore doubles the contract amount**, from the original \$12,000 to \$24,000 for mapping in portions of both the Spider Lake and Chase Lake quadrangles. The original contractor for Chase Lake had to cancel his contract, and Dr. Wang has agreed to complete the project.

Geologic mapping is a statutory responsibility of the Maine Geological Survey (Title 12, Chap. 201-A). Bedrock mapping is essential to the mission of the MGS to provide quality natural resources information for the people of Maine. Through a Geologic Mapping Advisory Committee consisting of state agency, federal agency, university, and private sector users of geologic maps, the Maine Geological Survey has established priorities for geologic mapping and a timetable for completing geologic maps, including this essential mapping task. This project falls within the priorities and timetable.

In our competitive proposal to the USGS's STATEMAP program, we named qualified geologists to work on this project and their qualifications were a large factor in determining the award of federal funds.

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

This contract is funded entirely by money provided to the Maine Geological Survey by the National Cooperative Geologic Mapping Program, administered by the U.S. Geological Survey, to support a technical project. This is a competitive program to which each state may submit one proposal each year. Maine's proposals have been among the most competitive partly because we are able to identify highly qualified field mappers directly in the proposal.

The work requires a specialist in the stratigraphic mapping and structural interpretation of complexly deformed metamorphic and igneous rocks. Dr. Wang has spent many years mapping the geology of the metamorphic and volcanic rocks in Maine and is the top geologic expert on the geology of this area. His experience in the region includes his Ph.D. (2001) research project on similar metamorphic and volcanic rocks while a student at Queens College. He has extensive experience mapping volcanic rocks in other areas of Maine and in China. He has published extensively on the geology of Maine.

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

The rate the Maine Geological Survey pays contract geologists has increased from \$1,000/wk to \$1,500/wk, the former having been the rate since 2004. A Physical Geologist at the Maine Geological Survey with similar responsibilities costs \$2,016/week, fully burdened. Thus, the contract rate is below market value for these types of geological services.

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

The Maine Geological Survey continues to work with the University of Maine and other institutions to train more students to investigate and compile geologic maps. We are working with a small pool of capable geologists well in advance of project needs to ascertain their availability for various map development tasks.

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):	DocuSigned by: <i>Randy Charette</i> 8F3DD450C23241F...		
Typed Name:	Amanda E. Beal, Commissioner	Date:	9/15/2022
Signature of DAFS Procurement Official:	DocuSigned by: <i>Kathy Paquette</i> 41C2BA36FAF44CD...		
Typed Name:	kathy Paquette	Date:	9/22/2022