

State of Maine Procurement Justification Form

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 website (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:		Denice Baron		
(If applicable) Department Reference #:				
Amount: (Contract/Amendment/Grant)	\$ 12,000.00	Advantage CT / RQS #:	CT 01A 20210414*2760	
CONTRACT	Proposed Start Date:	6/1/2021	Proposed End Date:	1/31/2022
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:		George Christopher Koteas 2360 Vermont Route 14, East Calais, VT, 05650		
Brief Description of Goods/Services/Grant:		Geologic Mapping		

PART II: JUSTIFICATION FOR VENDOR SELECTION

Mark an "X" before the justification(s) that applies to this request. (Check all that apply.)

	A. Competitive Process		G. Grant
	B. Amendment		H. State Statute/Agency Directed
X	C. Single Source/Unique Vendor		I. Federal Agency Directed
	D. Proprietary/Copyright/Patents		J. Willing and Qualified
	E. Emergency		K. Client Choice
	F. University Cooperative Project		L. Other Authorization

PART III: SUPPLEMENTAL INFORMATION

Please respond to ALL of the following:

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 US Geological Survey's Earth Mapping Resources Initiative to provide bedrock geologic maps of portions of western Maine by May 2022. This contract covers necessary bedrock geologic mapping in the Puzzle Mountain quadrangle, western 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. Geologic mapping is a statutory responsibility of the Maine Geological Survey (Title 12, Chap. 201-A). Bedrock mapping is

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PART III: SUPPLEMENTAL INFORMATION

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 Earth Mapping Resources Initiative 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.

This contract is funded entirely by money provided to the Maine Geological Survey by the Earth Mapping Resources Initiative, 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 evolution of granite bodies and their interactions with the host metamorphic rocks. Dr. Koteas has spent many years mapping the geology of the granites and related rocks of coastal Maine as part of his graduate research, and has published maps of his work. He has published extensively on his research in New England related to the emplacement of granites and related rocks.

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 (\$1,000/week) has not increased since 2004. In the past three years, the Division of Purchases has approved more than 15 contracts at similar pay rates. A Physical Geologist at the Maine Geological Survey with similar responsibilities costs \$1,774/week, fully burdened. Thus the contract rate is well 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: APPROVALS

Signature of requesting Department's Commissioner (or designee):	<i>By signing below, I signify that I approve of this procurement request.</i>		
	<small>DocuSigned by:</small> <i>Amanda E. Beal</i>		
Printed Name:	<small>20AF3A2882BB4AA</small> Amanda E. Beal	Date:	4/29/2021
Signature of DAFS Procurement Official:	<small>DocuSigned by:</small> <i>Debbie Jacques</i>		
Printed Name:	<small>1DFA565D481F42E...</small> Debbie Jacques	Date:	5/4/2021