



DEPARTMENT OF ADMINISTRATIVE AND FINANCIAL SERVICES
OFFICE OF STATE PROCUREMENT SERVICES
STATE OF MAINE

PROCUREMENT JUSTIFICATION FORM (PJF)

This form must accompany all contract requests and sole source requisitions (RQS) over \$10,000 submitted to the Office of State 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 Procurement Services intranet site (Forms page) for additional instructions.

PART I: OVERVIEW				
Department Office/Division/Program:		Inland Fisheries and Wildlife/Fisheries Division (MDIFW)		
Department Contract Administrator or Grant Coordinator:		James Bruce		
(If applicable) Department Reference #:		BRM Fisheries		
Agency Department Code:	09A	Advantage CT / RQS #:	CT 09A 20260707-0047	
Amount: (Contract/Amendment/Grant)		\$52,010		
CONTRACT	Proposed/Original Start Date:	7/10/2026	Proposed/Most Recent End Date:	6/30/2027
AMENDMENT	New Effective Date:		New End Date (if Applicable):	
GRANT	Project Start Date:		Grant Start Date:	
	Project End Date:		Grant End Date:	
Vendor/Provider/Grantee Name, City, State:		VC0000131042 EA Engineering, Science, and Technology, Inc. 225 Schilling Circle, Suite 400 Hunt Valley, MD 21031		
Brief Description of Goods/Services/Grant:		Grand Lake Stream initial cold-water fisheries habitat data collection and assessment		

PART II: JUSTIFICATION FOR VENDOR SELECTION			
Check the box below for the justification(s) that applies to this request. (Check all that apply.)			
☐	A. Competitive Process	☐	G. Grant
☐	B. Amendment	☐	H. State Statute/Agency Directed
☒	C. Single Source/Unique Vendor	☐	I. Federal Agency Directed
☐	D. Proprietary/Copyright/Patents	☐	J. Willing and Qualified
☐	E. Emergency	☐	K. Client Choice

☐	F. Higher Education Cooperative Project	☐	L. Other Authorization
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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.

Establish a baseline conditions dataset to support and sustain the critical cold-water fisheries, habitat, monitoring, assessments and ecosystem services Grand Lake Stream (GLS). The work area is ~2.75 miles from West Grand Dam to the footbridge in front of the Grand Lake Stream Camps.

This is necessary to support MDIFW in making management decisions and to work with the public to preserve, protect, and enhance inland fisheries resources. Fisheries managers require the best available science with sound and defensible field data to implement future monitoring, planning and restoration actions.

18 deliverables:

1. Prepared meeting notes for all project action items as applicable.
2. Provide support for public meetings and grants as they align with project deliverables.
3. Flight Planning for GLS thermal drone reconnaissance flights.
4. Figures showing approximate locations of cross-sections used for fluvial geomorphology monitoring and areas of interest for sedimentation sources.
5. Thermal photos from GLS flight area.
6. Site specific information and locations for identified areas of erosion and sources of erosion and sedimentation as applicable.
7. Erosion or sedimentation tracking will occur at specific locations where impacts are identified and not exceed 100 yards upland from bank.
8. Desktop analysis, local knowledge/observations, MDIFW information, and UAS flights to assist in identifying areas where erosion and sediment source tracking is likely occurring.
9. Cross-sectional bottom profile at up to 10 locations to monitor profile changes and sedimentation.
10. Meetings with MDIFW to review preliminary field data collection approaches and logistics.
11. Summary of field data collected
12. Provide graphs, figures, and photos
13. Identify potential recommendation options for areas of concern related to erosion or sedimentation
14. Identify areas of future analysis or monitoring
15. Identify optimized locations for logger deployments based on thermal imagery and field observations
16. Provide order of magnitude costs for recommendations.
17. Final STREAM Report with comments addressed.
18. All field photos, aerial imagery, and data from field collections.

PART III: SUPPLEMENTAL INFORMATION

1. Provide a brief justification for the selected vendor to supplement the response in Part II. Reference the solicitation (RFP/RFA/RFQ) number if applicable.

Thermal imaging is unique in the drone or arial imaging space. Market research was conducted and we compared E38, Unmanned Vehicle Technologies, and TUV SUD thermal drone imaging services: estimates for thermal drone imaging alone with a contracted company technician averaged ~\$12k per day = ~\$60k for 5 days. This estimate did not include additional expertise support at community meetings or reports.

There is a cost-benefit balance between sensor resolution and radiometry resolution needs to produce accurate data and results against the human-technical support to state biologists, focusing on bank stabilizations or engineering of nature-based solutions/alternatives, and their expert ability to participate in the necessary civil meetings with the community. Lastly, EA has the in-house capabilities for planning, engineering, design, permitting, and construction oversight should the project progress in that direction.

There are timing constraints to this project because the drone thermal imagery data collection needs to be conducted by late-summer (JUL, AUG, & SEP) to monitor the highest anticipated water temperatures at peak summer season. The findings and report EA will provide will substantiate aspects of other regional research projects scheduled next year. Data continuity will become necessary to ensure data coherency with ongoing projects.

EA became the selected vendor because they were the only source to provide technical capability, reports, and expert support at community presentations.

EA is uniquely qualified to perform this scope of work, including the necessary thermal drone operations due to its combination of advanced technology, regulatory compliance, and specialized expertise. Beyond technical and regulatory strengths, EA enhances its drone operations with in-house scientific expertise. A fisheries biologist will provide technical support, and a Certified Ecologists will actively participate in flight operations and data interpretation, ensuring that thermal imagery is accurately analyzed within an environmental context. This integrated approach allows EA to deliver high-quality, secure, and scientifically credible thermal drone services.

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

Proposal for a fixed fee cost of \$52,010. This cost includes all labor and expenses anticipated to be required to complete. The itemized breakdown is:

Task #	Task Description	Cost
1	Project Management and Meetings	\$ 5,197
2	UAS and Field Operations Planning	\$ 2,529
3	Field Data Collection	\$ 23,557
4	Data Analysis and Report	\$ 20,727
Total Cost		\$ 52,010

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

5-days of field collection, concluding with a Data Analysis and Summary report. The project will not extend beyond the scope outlined in this contract. This is a one-time project limited to the scope and deliverables described in this contract. The Department does not anticipate extending this contract beyond the current scope at this time. Any future phase, additional monitoring, restoration

PART III: SUPPLEMENTAL INFORMATION

planning, or similar services will be competitively solicited in accordance with applicable procurement requirements unless a separate noncompetitive procurement justification is submitted and approved.

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

Does this request utilize ARPA/MJRP funds?

☐ Yes, MJRP funds (023) – If Yes, please attach the approved Business Case(s).

☐ Yes, ARPA funds (025) or (026) – If Yes, please be aware of the requirements from awarding federal agencies.

☒ No – If No, proceed to Part V.

PART V: CONFLICTS OF INTEREST (COI); CONTRACT WITH THE STATE

Maine law contains Conflict of Interest statutes directed to State Departments, State Officers, and Employees Generally under MRS [Title 5, §18](#) and [§18-A](#), in harmony with MRS [Title 17, §3104](#).

☒ The requesting department's signatory affirms, understands, and acknowledges Maine's Conflict of Interest statutes and, in accordance with those statutes and to the best of their knowledge, has determined that no conflict of interest exists at the time of this contract, renewal, or amendment.

PART VI: APPROVALS

Governor/Department Commissioner or Designee

1. The signature below indicates approval of this procurement request.

Signature of requesting
Department's Commissioner
(or designee):

Signed by:

Timothy Peabody
03275703AA74438...

Typed Name:

Timothy E. Peabody

Date:

7/27/2026

2. Additional signature required **ONLY if box E (Emergency) is selected in PART II**. The signature below indicates approval by the Department's Commissioner, or the designee specifically authorized to approve emergency procurement requests.

Signature of requesting
Department's Commissioner
(or designee):

Typed Name:

Date:

****OSPS Section Only****

Signature of DAFS Procurement Official:	Signed by: Sterling Doiron 4C537C52B586437...		
Typed Name:	sterling doiron	Date:	7/28/2026

Certificate Of Completion

Envelope Id: D369D395-D108-886B-8121-AA39FCF68CAA

Status: Completed

Subject: Complete with Docusign: FJA GLS baseline coldwater data w EA - JUL 2026.docx

Source Envelope:

Document Pages: 5

Signatures: 1

Envelope Originator:

Certificate Pages: 4

Initials: 0

Theresa Bilodeau

AutoNav: Enabled

353 Water Street

Envelopeld Stamping: Enabled

41 SHS

Time Zone: (UTC-08:00) Pacific Time (US & Canada)

Augusta, ME 04333-0041

Theresa.Bilodeau@maine.gov

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Record Tracking

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Timothy Peabody

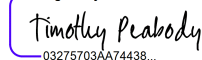
timothy.e.peabody@maine.gov

Deputy Commissioner

Security Level: Email, Account Authentication (None)

Signature

Signed by:



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Signature Adoption: Pre-selected Style

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Sent: 7/24/2026 8:07:32 AM

Viewed: 7/27/2026 8:41:44 AM

Signed: 7/27/2026 8:42:18 AM

Electronic Record and Signature Disclosure:

Accepted: 7/27/2026 8:41:44 AM

ID: 2dd69e03-b5fc-497a-8a08-c6f1d4eaa4b5

In Person Signer Events

Signature

Timestamp

Editor Delivery Events

Status

Timestamp

Agent Delivery Events

Status

Timestamp

Intermediary Delivery Events

Status

Timestamp

Certified Delivery Events

Status

Timestamp

Carbon Copy Events

Status

Timestamp

Witness Events

Signature

Timestamp

Notary Events

Signature

Timestamp

Envelope Summary Events

Status

Timestamps

Envelope Sent

Hashed/Encrypted

7/24/2026 8:07:32 AM

Certified Delivered

Security Checked

7/27/2026 8:41:44 AM

Signing Complete

Security Checked

7/27/2026 8:42:18 AM

Completed

Security Checked

7/27/2026 8:42:18 AM

Payment Events

Status

Timestamps

Electronic Record and Signature Disclosure

ELECTRONIC RECORD AND SIGNATURE DISCLOSURE

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If you decide to receive notices and disclosures from us electronically, you may at any time change your mind and tell us that thereafter you want to receive required notices and disclosures only in paper format. How you must inform us of your decision to receive future notices and disclosure in paper format and withdraw your consent to receive notices and disclosures electronically is described below.

Consequences of changing your mind

If you elect to receive required notices and disclosures only in paper format, it will slow the speed at which we can complete certain steps in transactions with you and delivering services to you because we will need first to send the required notices or disclosures to you in paper format, and then wait until we receive back from you your acknowledgment of your receipt of such paper notices or disclosures. Further, you will no longer be able to use the DocuSign system to receive required notices and consents electronically from us or to sign electronically documents from us.

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Unless you tell us otherwise in accordance with the procedures described herein, we will provide electronically to you through the DocuSign system all required notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you during the course of our relationship with you. To reduce the chance of you inadvertently not receiving any notice or disclosure, we prefer to provide all of the required notices and disclosures to you by the same method and to the same address that you have given us. Thus, you can receive all the disclosures and notices electronically or in paper format through the paper mail delivery system. If you do not agree with this process, please let us know as described below. Please also see the paragraph immediately above that describes the consequences of your electing not to receive delivery of the notices and disclosures electronically from us.

How to contact Inland Fisheries and Wildlife:

You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:

To contact us by email send messages to: heather.rodrique@maine.gov

To advise Inland Fisheries and Wildlife of your new email address

To let us know of a change in your email address where we should send notices and disclosures electronically to you, you must send an email message to us at heather.rodrique@maine.gov and in the body of such request you must state: your previous email address, your new email address. We do not require any other information from you to change your email address.

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To request paper copies from Inland Fisheries and Wildlife

To request delivery from us of paper copies of the notices and disclosures previously provided by us to you electronically, you must send us an email to heather.rodrique@maine.gov and in the body of such request you must state your email address, full name, mailing address, and telephone number. We will bill you for any fees at that time, if any.

To withdraw your consent with Inland Fisheries and Wildlife

To inform us that you no longer wish to receive future notices and disclosures in electronic format you may:

- i. decline to sign a document from within your signing session, and on the subsequent page, select the check-box indicating you wish to withdraw your consent, or you may;
- ii. send us an email to heather.rodrique@maine.gov and in the body of such request you must state your email, full name, mailing address, and telephone number. We do not need any other information from you to withdraw consent.. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process..

Required hardware and software

The minimum system requirements for using the DocuSign system may change over time. The current system requirements are found here: <https://support.docusign.com/guides/signer-guide-signing-system-requirements>.

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To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please confirm that you have read this ERSD, and (i) that you are able to print on paper or electronically save this ERSD for your future reference and access; or (ii) that you are able to email this ERSD to an email address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format as described herein, then select the check-box next to ‘I agree to use electronic records and signatures’ before clicking ‘CONTINUE’ within the DocuSign system.

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- You can access and read this Electronic Record and Signature Disclosure; and
- You can print on paper this Electronic Record and Signature Disclosure, or save or send this Electronic Record and Disclosure to a location where you can print it, for future reference and access; and
- Until or unless you notify Inland Fisheries and Wildlife as described above, you consent to receive exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you by Inland Fisheries and Wildlife during the course of your relationship with Inland Fisheries and Wildlife.

Certificate Of Completion

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Certificate Pages: 1	Initials: 0
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Sterling Doiron
Security Level: Email, Account Authentication (None)

Signature

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Sterling Doiron
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Signature Adoption: Pre-selected Style
Using IP Address: 198.182.163.113

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In Person Signer Events

Signature

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Editor Delivery Events

Status

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Agent Delivery Events

Status

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Intermediary Delivery Events

Status

Timestamp

Certified Delivery Events

Status

Timestamp

Carbon Copy Events

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Timestamp

Witness Events

Signature

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Notary Events

Signature

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Envelope Summary Events

Status

Timestamps

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Completed	Security Checked	7/28/2026 7:45:10 AM

Payment Events

Status

Timestamps