REQUEST FOR QUOTATION
(THIS IS NOT AN ORDER)

THIS RFQ ☐ IS ☒ IS NOT A SMALL BUSINESS SET-ASIDE

1. REQUEST NUMBER	2. DATE ISSUED	3. REQUISITION/PURCHASE REQUEST NUMBER	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING
140G0326Q0195	08/11/2026	0044050275		

5a. ISSUED BY
USGS OAG SACRAMENTO ACQUISITION BR.
MODOC HALL, CSUS
3020 STATE UNIVERSITY DRIVE EAST
SACRAMENTO CA 95819-6027

6. DELIVER BY *(Date)*

7. DELIVERY
☒ FOB DESTINATION ☐ OTHER *(See Schedule)*

5b. FOR INFORMATION CALL *(NO COLLECT CALLS)*

NAME	TELEPHONE NUMBER	
	AREA CODE	NUMBER
Elizabeth Adam	916	278-9441

8. TO:

a. NAME	b. COMPANY

c. STREET ADDRESS

d. CITY	e. STATE	f. ZIP CODE

9. DESTINATION

a. NAME OF CONSIGNEE
USGS Pacific Coastal & Marine

b. STREET ADDRESS
2885 Mission Street

c. CITY
Santa Cruz

d. STATE	e. ZIP CODE
CA	95060

10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS *(Date)*
08/18/2026 1000 ED

IMPORTANT: This is a request for information and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or service. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotation must be completed by the quoter.

11. SCHEDULE *(Include applicable Federal, State and local taxes)*

ITEM NUMBER (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
	REQUEST FOR QUOTE RADIOCARBON ANALYSIS INTRODUCTION This is a solicitation for commercial services prepared in accordance with the format in Federal Acquisition Regulation (FAR) Part 12, as supplemented with additional information included in this notice. Full and open competition. DESCRIPTION The U.S. Geological Survey (USGS) Continued...				

12. DISCOUNT FOR PROMPT PAYMENT	a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS (%)	c. 30 CALENDAR DAYS (%)	d. CALENDAR DAYS NUMBER	PERCENTAGE

NOTE: Additional provisions and representations ☐ are ☐ are not attached.

13. NAME AND ADDRESS OF QUOTER

a. NAME OF QUOTER

b. STREET ADDRESS

c. COUNTY

d. CITY	e. STATE	f. ZIP CODE

14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION

15. DATE OF QUOTATION

16. SIGNER

a. NAME *(Type or print)*	b. TELEPHONE AREA CODE
c. TITLE *(Type or print)*	NUMBER

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Pacific Coastal & Marine Science Center (PCMSC) of Santa Cruz, CA, requires Radiocarbon Analysis services in accordance with the attached Statement of Work (SOW). All analyses and associated work shall be performed at the contractor's laboratory. RELEVANT INFORMATION The North American Industry Classification System (NAICS) code 541380, Testing Laboratories and Services, and associated size standard of $19.0 million applies to this solicitation, along with Product and Service Code (PSC) R405, Support -Professional: Operations Research/Quantitative Analysis. This service is subject to the Service Contract Labor Standards statute, as applicable. QUESTIONS All questions regarding this solicitation must be submitted by electronic mail directly to the Contracting Officer at elizabeth_adam@ios.doi.gov no later than August 14, 2026, at 5:00 p.m. Eastern Daylight Time (ED). SUBMISSION OF QUOTES Quotes shall only be accepted through electronic mail addressed to the Contracting Officer. All quote documents required by this solicitation must be received in their entirety no later than August 18, 2026, at 10:00 a.m. Eastern Daylight Time (ED) to elizabeth_adam@ios.doi.gov. Quotes submitted by hardcopy or through any web portal shall not be accepted or considered. EVALUATION OF QUOTES Quotes will be evaluated using tradeoff factors including: 1. Experience 2. Technical Capability 3. Past Performance 4. Price See FAR provision 52.212-2 included herein, for definitions of evaluation factors and the basis Continued...				

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	for award. Offerors shall provide sufficient technical information to allow the Government to evaluate the offeror's ability to meet the requirements of the Statement of Work. Technical submissions shall include the information required by FAR 52.212-2 and may include a work plan, curriculum vitae (CV), relevant experience, past performance information, references, and other supporting documentation, as applicable. ESTIMATED PERIOD OF PERFORMANCE September 30, 2026 - October 1, 2029 OFFERORS SHALL RETURN THE FOLLOWING Signed SF-18 Firm-fixed-price quote Technical information, including work plan, experience, past performance, and references, as required by FAR 52.212-2 System for Award Management (SAM) Unique Entity Identifier (UEI) ATTACHED PAGES Statement of Work Clauses and Provisions				
00010	Radiocarbon Analyses in accordance with the attached Statement of Work (SOW). Product/Service Code: R405 Product/Service Description: SUPPORT-PROFESSIONAL: OPERATIONS RESEARCH/QUANTITATIVE ANALYSIS Period of Performance: 09/30/2026 to 10/01/2029 ********** RFQ POC: Elizabeth Adam elizabeth_adam@ios.doi.gov				

STATEMENT OF WORK

I. GENERAL INFORMATION

A. Introduction

The USGS Coastal and Marine Geohazards of the U.S. West Coast and Alaska project in the Pacific Coastal and Marine Science Center (PCMSC) requests radiocarbon (^{14}C) analysis of organic samples from sediment cores. Radiocarbon (^{14}C) dating of fossil material is a key aspect of geoscience, particularly during the Holocene Epoch (e.g., the last 11,500 years). This process uses the natural radioactive decay of ^{14}C to ^{12}C in preserved organic matter as a geochronometer for determining the age of deposition of geological units. The analysis of ^{14}C decay is the basis for constructing an age scale for a geological record and thus is one of the most important analyses performed in marine sedimentary stratigraphy.

B. Background

Samples from the sediment samples collected at key sites along the U.S. West Coast and Alaska are used to refine the tsunami and earthquake recurrence along active plate boundaries and fault systems. These data are a critical component of USGS National Seismic Hazard Maps, which provide hazard and risk assessment to millions of people in population centers in the Pacific Northwest, California, Alaska, and Hawai'i. This task is fully within the purview of the USGS mission for the Coastal and Marine Hazards and Resources Program, the Earthquake Hazards Program, and is a critical component of USGS Marine Geohazards research.

C. Scope

To provide ^{14}C analysis of two hundred and fourteen (214) samples (mostly plant fragments) from sediment acquired in cores and other paleoseismic sites. These results will be used to assess and refine the ages of coastal and lacustrine stratigraphy, both subaqueous and subaerial. Age models will use the ^{14}C results to build reconstructions of sea level over the past several thousand years and will improve age constraints and correlation of event deposits along active continental margins that are critical to developing a more robust earthquake history. This ultimately improves our ability to predict the likelihood of future earthquakes and tsunamis.

II. WORK REQUIREMENTS

A. Technical Requirements.

The following technical requirements apply to this SOW for 14C analysis:

1. Submitted samples will be plant fragments, bulk peat, and charcoal on the order of <1 to 10 mg sizes.
2. Analyses shall be performed using an accelerator mass spectrometer.
3. Required measurements will include D14C, fraction modern, and an uncalibrated ^{14}C age. Errors will be assessed at the 1-sigma level for each measurement.

4. Analyses should also account for matrix-specific background corrections and $\delta^{13}C$ normalizations, as deemed appropriate.
5. All measurements will be reported according to the international radiocarbon standard, as set forth in Stuvier & Polach (Radiocarbon 29, 1977, 355-363).
6. The analyzing facility needs to be capable of producing high precision/accuracy (2‰ or ±15 years on samples less than ~11,000 years old), and the capability to analyze samples as small as 15 µg of carbon

Criteria for acceptance will include a detailed table of results as indicated in #3 above (including reporting of analytical errors), as well as a description of the methods used.

B. Deliverables.

Deliverables for this work will include:

1. An electronic report detailing the D14C, fraction modern, and an uncalibrated ^{14}C age for each sample, as well as an assessment of the 1-sigma error.
2. An electronic report detailing methods of analysis.
3. Estimated delivery date for the final set of analyses is 01 October 2029 to [redacted]

III. SUPPORTING INFORMATION

A. Place of Performance:
Vendor's Laboratory, TBD

B. Estimated Period of Performance:
30 September 2026 – 01 October 2029.

C. Government Furnished Property (GFP): none

D. Special Considerations: none

SOLICITATION PROVISIONS

52.252-1 Solicitation Provisions Incorporated by Reference (Feb 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at https://www.acquisition.gov/far/.

The following provisions are incorporated by reference, with fill-ins noted as appropriate:

Provision	Title	Date
52.203-18	Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements or Statements-Representation	Jan 2017
52.204-7	System for Award Management – Registration	Jan 2017
52.209-11	Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction Under Any Federal Law	Feb 2016 [DEVIATION]
52.212-1	Instructions to Offerors—Commercial Products and Commercial Services	Sept 2023 [DEVIATION]
52.219-1	Small Business Program Representations	Feb 2024 [DEVIATION]
52.219-4	Notice of Price Evaluation Preference for HUBZone Small Business Concerns	Oct 2022 [DEVIATION]
52.240-90	Security Prohibitions and Exclusions Representations and Certifications	Mar 2026 [DEVIATION]
52.252-5	Authorized Deviations in Provisions	Nov 2020

52.212-2 – Evaluation-Commercial Product and Commercial Services (Nov 2021/Deviation March 2026)

(a) The Government will award a contract resulting from this solicitation to the responsible offeror whose offer conforming to the solicitation will be most advantageous to the Government, price and other factors considered. The following factors shall be used to evaluate offers.

a. **Experience**
b. **Technical Capability**, including capacity to perform in the required time. The analyzing facility needs to be capable of producing high precision/accuracy (2‰ or ±15 years on samples less than ~11,000 years old), and the capability to analyze samples as small as 15 µg of carbon
c. **Past performance**
d. **Price**

"**Experience**" is the degree to and frequency with which you have performed similar work before. Recent and relevant experience is preferred.

"**Technical Capability**" is your qualifications to perform this work on paper, including such things as resumes of key personnel, necessary certifications and licenses, corporate resources, availability, etc.

"**Past performance**" is the measure of how well you have performed similar work before. Recent and relevant past performance is preferred. Please submit at least three references with contact information. Additionally, we will utilize the Contractor Performance Assessment Reporting System (CPARS) to the extent data are available and reserve the right to use any other source of past performance information.

- Experience, Technical Capability, and Past Performance, when combined, are somewhat more important than price.

Each offeror must submit sufficient documentation for the USGS to evaluate their experience and past performance. Failure to provide the requested information may result in removal from further consideration.

(End of provision)

CLAUSES

52.252-2 Clauses Incorporated by Reference (Feb 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): http://www.acquisition.gov/far/

Clause	Title	Effective Date
52.203-19	Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements	Jan 2017
52.204-13	System for Award Management—Maintenance	Oct 2018 [DEVIATION]
52.204-19	Incorporation by Reference of Representations and Certifications	Dec 2014 [DEVIATION]
52.209-10	Prohibition on Contracting with Inverted Domestic Corporations	Nov 2015 [DEVIATION]
52.212-4	Contract Terms and Conditions—Commercial Products and Commercial Services	Nov 2023 [DEVIATION]
52.222-41	Service Contract Labor Standards	Aug 2018 [DEVIATION]
52.222-55	Minimum Wages for Contractor Workers Under Executive Order 14026	Jan 2022[DEVIATION]
52.222-62	Paid Sick Leave Under Executive Order 13706	Jan 2022[DEVIATION]
52.232-40	Providing Accelerated Payments to Small Business Subcontractors	Mar 2023
52.233-3	Protest after Award	Aug 1996
52.233-4	Applicable Law for Breach of Contract Claim	Oct 2004
52.240-91	Security Prohibitions and Exclusions	Mar 2026
52.203-17	Contractor Employee Whistleblower Rights	Nov 2023

52.209-6	Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment	NOV 2021
52.219-28	Post Award Small Business Program Rerepresentation	FEB 2024
52.222-3	Convict Labor	JUN 2003
52.222-36	Equal Opportunity for Workers with Disabilities	JUN 2020
52.222-50	Combating Trafficking in Persons	OCT 2025
52.223-23	Sustainable Products and Services	MAY 2024
52.226-8	Encouraging Contractor Policies to Ban Text Messaging While Driving	MAY 2024
52.232-33	Payment by EFT—SAM	OCT 2018
52.233-1	Disputes	MAY 2014
52.252-6	Authorized Deviations in Clauses	NOV 2020

52.222-90 Addressing DEI Discrimination by Federal Contractors (DEVIATION April 2026)
(a) *Definitions*. As used in this clause—
Program participation means membership or participation in, or access or admission to: training, mentoring, or leadership development programs; educational opportunities; clubs; associations; or similar opportunities that are sponsored or established by the contractor or subcontractor.
Racially discriminatory diversity, equity, and inclusion (DEI) activities means disparate treatment based on race or ethnicity in the recruitment, employment (e.g., hiring, promotions), contracting (*e.g.*, vendor agreements), program participation, or allocation or deployment of an entity's resources.
(b) In connection with the performance of work under this contract, the Contractor agrees as follows:
(1) The Contractor will not engage in any racially discriminatory DEI activities;
(2) The Contractor will furnish all information and reports, including providing access to books, records, and accounts, as required by the Contracting Officer, for purposes of ascertaining compliance with this clause;
(3) In the event of the Contractor's or a subcontractor's noncompliance with this clause, this contract may be canceled, terminated, or suspended in whole or in part, and the Contractor or subcontractor may be declared ineligible for further Government contracts;
(4) The Contractor will report any subcontractor's known or reasonably knowable conduct that may violate this clause to the Contracting Officer and take any appropriate remedial actions directed by the Contracting Officer; and
(5) The Contractor will inform the Contracting Officer if a subcontractor sues the Contractor and the suit puts at issue, in any way, the validity of this clause.
(6) The Contractor recognizes that compliance with the requirements of this clause are material to the Government's payment decisions for purposes of 31 U.S.C. 3729(b)(4).
(c) The Contractor must include the substance of this clause, including this paragraph (c), in subcontracts at any tier, including those for commercial products and commercial services, except those where the place of delivery or performance is outside the United States.

(End of clause)

GS0231 Technical Liaison – Technical Clarification (Dec 2024)

a) The performance required herein shall be subject to the technical clarification of the Technical Liaison (TL) as identified below. As used herein, "technical clarification" is defined as communication to help the contractor fully understand the requirements.

(b) The Technical Liaison is not delegated any Contracting Officer's Representative responsibilities.

(c) The Technical Liaison may not modify the requirements in any way. All modifications must be authorized by the Contracting Officer.

(End of clause)

(d) The contractor shall immediately notify the Contracting Officer, in writing, if they believe the Technical Liaison is directing work outside the requirements of this contract. The contractor may not be reimbursed for any work outside the requirements of this contract.

(e) The Technical Liaison assigned for this contract is: **TBA**

Telephone: TBA
Email: TBA

U.S. Geological Survey
Pacific Coastal & Marine Science Center
2885 Mission Street
Santa Cruz, CA 95060

(f) Only the Contracting Officer may designate a new Technical Liaison.

(End of Local Clause)

Electronic Invoicing and Payment Requirements - Invoice Processing Platform (IPP) (February 2021)

Payment requests must be submitted electronically through the U. S. Department of the Treasury's Invoice Processing Platform System (IPP).

"Payment request" means any request for contract financing payment or invoice payment by the Contractor. To constitute a proper invoice, the payment request must comply with the requirements identified in the applicable Prompt Payment clause included in the contract, or the clause 52.212-4 Contract Terms and Conditions - Commercial Items included in commercial item contracts. The IPP website address is: https://www.ipp.gov

Under this contract, the following documents are required to be submitted as an attachment to the IPP invoice: **NONE**

The Contractor must use the IPP website to register access and use IPP for submitting requests for payment. The Contractor Government Business Point of Contact (as listed in SAM) will receive enrollment instructions via email from the Federal Reserve Bank of St. Louis (FRBSTL) within 3 - 5 business days of the contract award date. Contractor assistance with enrollment can

be obtained by contacting the IPP Production Helpdesk via email IPPCustomerSupport@fiscal.treasury.gov or phone (866) 973-3131.

If the Contractor is unable to comply with the requirement to use IPP for submitting invoices for payment, the Contractor must submit a waiver request in writing to the Contracting Officer with its proposal or quotation.

(End of Local Clause)

GS0199 Prevention of Malicious Code (June 2018)

(a) Definitions
Malicious code is a computer code developed for the purpose of causing some form of intentional damage to computer systems or networks. Malicious code may be a complete program or code imbedded in software programs that appear to provide useful functions. The term includes computer viruses and other destructive programs, such as "Trojan Horses" and network "worms."

(b) The contractor must have in place an anti-virus procedure to ensure that media supplied is uncontaminated by malicious code.

(c) The contractor is required to scan all delivered software to insure it is free of malicious code prior to its installation or operation on USGS-owned computers or contractor-owned computers connected to USGS computer systems or networks. Contractors using diagnostics software disks or connecting to a non-USGS computer while performing repairs or upgrades to a USGS computer will scan the serviced computer's drive(s) to insure they are free of malicious code upon completion of the service call, or prior to return of serviced equipment, if servicing is performed off-site.

(End of Local Clause)

GS1131 Unilateral De-obligation (May 2013)

The contractor shall submit all invoices under this award no later than ninety (90) calendar days after the period of performance has expired, unless a request for extension has been submitted to, and granted by, the Contracting Officer. After 120 calendar days have passed after the expiration of the period of performance, the Contracting Officer reserves the right to issue a unilateral modification deobligating any unexpended funds, and to initiate closeout procedures.

(End of Local Clause)

52.217-8 – Option to Extend Services (Nov 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but

the total extension of performance hereunder shall not exceed six (6) months. The Contracting Officer may exercise the option by providing written notice to the Contractor at least 30 days prior to the expiration of the then-current period of performance.

(End of Clause)

GS1440 Wage Determination Applicable (July 2001)

In the performance of this contract, the contractor shall comply with the requirements of U.S. Department of Labor Wage Determination Number in the state and county where work is to be performed. The wage determination that will be incorporated into this contract can be found at https://sam.gov/search/?index=sca&page=1&pageSize=25&sort=-modifiedDate&sfm%5Bstatus%5D%5Bis_active%5D=true. The most current version of the wage determination applicable will be incorporated into the contract.

(End of Local Clause)

52.222-42 Statement of Equivalent Rates for Federal Hires (May 2014)

In compliance with the Service Contract Labor Standards statute and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C.5341 or 5 332

Employee Class	Monetary Wage – Fringe Benefits
Biological Science Technician (0404)	**$25.92**

This Statement is for Information Only: It is not a Wage Determination.

(End of Clause)

Scientific Integrity Statement

Scientific integrity is vital to Department of the Interior (DOI) activities under which scientific research, data, summaries, syntheses, interpretations, presentations, and/or publications are developed and used. Failure to uphold the highest degree of scientific integrity will result not only in potentially flawed scientific results, interpretations, and applications but will damage DOI's reputation and ability to uphold the public's trust. All work performed must comply with the DOI Scientific Integrity Policy posted to http://www.doi.gov or its equivalent as provided by their organization or State law.