Procurement & Property Management Division

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managed by Brookhaven Science Associates
for the U.S. Department of Energy

www.bnl.gov

DATE: June 22, 2026

REQUEST FOR QUOTE (RFQ) NUMBER 475273 DESCRIPTION: New Bender Systems for FXI-ISR	
Issued By: Brookhaven Science Associates, LLC Brookhaven National Laboratory P.O. Box 5000 Upton, NY 11973-5000	**Buyer/Contracts Specialist:** Name: Marie J. Williams Telephone No.: 631-344-2755 Email: mwilliams3@bnl.gov
Ship To Address: Brookhaven National Laboratory Receiving: Bldg. 98 Rochester Street Upton, New York 11973-5000	**Anticipated Freight Terms:** FOB Destination or Delivered at Place (DAP) **Anticipated Delivery Date: April 30, 2027**
Questions Due Date: Monday, July 6, 2026, at 0800 ET	**Quote Due Date & Time: July 22, 2026, at 0800 ET**
Contract Type: Firm Fixed Price	**Payment Terms: Net 30 (large business) Net 10 (small business)**
*Brookhaven is a tax-exempt entity.	

1.0 INTRODUCTION

Brookhaven Science Associates, LLC (herein known as "BSA"), operator of Brookhaven National Laboratory (BNL) under a Prime Contract (DE-SC0012704) with the U.S. Department of Energy (DOE), herewith solicits your quote for 475273 as outlined in the Draft Purchase Order/Contract (Enclosure A)

NAICS: The North American Industry Classification System (NAICS) Code for this RFQ is 334519. The stated size standard is 600 employees. The stated size shall be the sole determining factor as to classification (small or large business) of an Offeror. It is the responsibility of the Offeror to affirm its Representations and Certifications and size status are accurate and up to date in the System for Award Management (SAM) (www.SAM.gov).

This procurement is being solicited for full and open competition.

2.0 SCOPE OF WORK

The Offeror shall furnish all labor, services, materials, and equipment in strict accordance with the attached Draft Purchase Order (PO)/Contract (Enclosure A).

The parts or model numbers are listed for reference purposes only. Any alternate products being offered shall have equivalent, or greater, performance parameters to those specified. Suppliers that are offering alternate products shall list the manufacturer, model, and part numbers for the product. When quoting an alternate product, please provide sufficient documentation to permit thorough evaluation of the equivalency of your offer to the product specified. BSA reserves the right to determine equivalency.

CAUTION TO OFFERORS: BSA is not responsible for locating or securing any information that is not furnished with the offer. Accordingly, the Offeror must furnish as part of the offer all descriptive material (such as cuts, illustrations, drawings, or other information) necessary for the Company to (i) determine whether the product offered meets the salient characteristics requirements of the solicitation, and (ii) establish exactly what the Company would be binding itself to purchase by making an offer.

2.1 QUALIFIERS

To be considered technically acceptable under this solicitation, the vendor shall meet the following minimum qualification criteria:

1. Demonstrate prior success of completed projects and delivery of at least two (2) projects involving the design, fabrication, testing, and installation of comparable systems for use at synchrotron facilities, accelerator laboratories, semiconductor facilities, or similar high-precision technical environments.

    a. References shall include the organization name, project description, contract value, period of performance, point of contact, phone number, and email address.

2. Demonstrate the capability to design, fabricate, test, and install the systems in accordance with the BSA SOW/SPEC requirements, including UHV compatibility, precision motion control, radiation-resistant components, and integration into existing NSLS-II mirror systems.

    The offeror shall provide a description of their technical capabilities demonstrating the ability to meet the specifications identified in the SOW/SPEC. This shall include:

    a. Means and methods for achieving the specified motion resolution, repeatability, and vibrational stability requirements of the mirror bender systems;
    b. Experience with UHV cleaning, bakeout, vacuum-compatible materials, and vacuum feedthrough integration;
    c. Experience with radiation-resistant motors, cabling, shielding, and in-vacuum assemblies;
    d. Experience integrating motors, encoders, limit switches, and control interfaces into existing scientific instrumentation systems; and

e. Capability to perform Factory Acceptance Testing (FAT) and Site Acceptance Testing (SAT) as identified in the SOW/SPEC

3. Demonstrate the capability to meet the contractual delivery, installation, testing, and final acceptance schedule identified in the SOW/SPEC.

   a. The offeror shall provide a description of their production and project management capabilities, including current manufacturing capacity and lead times for comparable systems. The offeror shall also provide a preliminary project schedule or Gantt chart identifying major milestones including design review, fabrication, testing, equipment delivery, installation, Factory Acceptance Testing (FAT), Site Acceptance Testing (SAT), and final documentation delivery in accordance with the required milestones identified in the SOW/SPEC.

3.0 BASIS OF AWARD

BSA will make award to the responsive and responsible Offeror who submits the lowest total price and who meets all of BSA's technical requirements and qualifiers, as stated herein.

The resultant award shall be subject to the terms & conditions of Enclosure A.

An Offeror that takes exceptions to BSA terms & conditions or fails to provide all requirements of this RFQ may be deemed non-responsive and may not be considered for award.

4.0 FORMS OF QUOTATION AND MANNER OF SUBMISSION

A complete quotation, including the signed Quotation Pricing Sheet (Enclosure C), must be received by BSA no later than the due date and time listed on page 1 of this RFQ. Any offer received after this time and date may not be considered. Quotations will be opened in private. Quotations, including their withdrawal or modification, received after the closing date shall be considered late. Such responses will only be considered for award if it is in BSA's best interest to do so.

BSA will only accept email submissions of formal quotations:

- Email submissions must include the signed Quotation Pricing Sheet (Enclosure C). Emails will be sent to Buyer/Contracts Specialist listed on page 1 of this RFQ with the BSA RFQ Number in the Subject Line.

All questions must be submitted via email. Replies to questions will be provided in writing and, if considered to be of general interest, will be transmitted to all other Offerors.

5.0 PRICING AND SUPPORTING DOCUMENTATION

5.1 Pricing Quotation and Supporting Documentation:

The Offeror shall complete and return the Quotation Pricing Sheet (Enclosure C) attached to this document. Prices shall be all inclusive and quoted in U.S. dollars, FOB, Brookhaven National Laboratory, Upton, Long Island, New York (freight included), including any import duties, customs, and associated costs, if applicable.

5.2 System For Award Management (SAM):

In order to support DOE reporting requirements, BSA requires all its vendors/contractors to be registered in the U.S. Government supplier database entitled System for Award Management (SAM) with their Unique Entity ID number (UEI #). Registration can be performed online at www.SAM.gov. If not already registered, please register as soon as possible since failure to do so may preclude BSA from doing business with your organization. Please note that there is no charge for SAM registration. When registering, you are strongly urged to copy and paste www.SAM.gov onto your browser address rather than utilizing your search engine. Utilizing your search engine may redirect you to an erroneous site. You may obtain assistance in completing your registration by contacting the Federal Help Desk at 866-606-8220 or by contacting your local APEX Accelerator Representative (formerly known as the Procurement Technical Assistance Center (PTAC), which can be found at https://napex.us.
* Foreign vendors are not required to be registered in SAM but must fill out AMS-Form-050 (Enclosure B).

5.3 Representations and Certifications:

AMS-Form-050 (Enclosure B) is only required for vendors that are not currently active and registered in SAM.gov. A current copy (less than 12 months prior to the date of solicitation) of Supplier Specific Representations & Certifications AMS-Form-050 (Enclosure B) must be on file with BSA's Procurement and Property Management (PPM) Division before a purchase order/contract can be placed. The attached AMS-Form-050 (Enclosure B) has been included for informational purposes. At the time of award, the successful Offeror will be asked to complete AMS-Form-050 (Enclosure B) if it is not already on file.

6.0 PLACE OF MANUFACTURE

This requirement is subject to FAR Part 25, Buy American Act. The Contractor shall provide if the proposed item(s) are or are not domestic end products as defined at FAR 25.003, Definitions. If foreign end products are proposed, the Offeror shall provide the country of manufacture.

7.0 OTHER REQUIRED FORMS AND DOCUMENTS

The successful Offeror will be required to complete the following forms (if applicable):

- Vendor ACH Authorization Form, Enclosure D.
- W-9 Form, Enclosure E.

- W-8 Form, Enclosure F, will need to be completed in lieu of the W-9 Form if Vendor is foreign.

10.0 CLOSURE

We trust that the information contained herein is sufficient to permit your company to prepare a complete and definitive quotation; however, should you have any questions, please contact the undersigned.

Enclosures:	A. Draft Purchase Order/Contract
	B. AMS Form 050 Reps and Certs
	C. AMS Form 043 Quotation Pricing Sheet
	D. Vendor ACH Authorization Form
	E. W-9 Form (Domestic Vendors)
	F. W-8 Form (Foreign Vendors)