Procurement & Property Management Division

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

www.bnl.gov

August 1, 2026

REQUEST FOR QUOTE NUMBER 471924 DUNE FD-VD CRP FC Bias SHV Warm Cables	
a. Issued By: Brookhaven Science Associates, LLC Brookhaven National Laboratory P.O. Box 5000 Upton, NY 11973-5000	**b. Contract Specialist:** Lisa C. Gonzales Telephone No.: 631-344-5965 Email: lgonzales@bnl.gov
c. Anticipated Freight Terms: See Enclosure 1 Draft Contract for Details	**d. Anticipated Period of Performance:** Contract award + 6 months
e. Questions Due Date: 3:00 PM (ET) August 7, 2026	**f. Quote Due Date:** 3:00 PM (ET), August 17, 2026
g. Contract Type: FFP	**h. Payment Terms:** TBD
i. Note: Brookhaven is a tax-exempt entity	**j. Quote Validity:** Quotes shall remain valid for 90 days

1.0 INTRODUCTION

Brookhaven Science Associates, LLC (herein known as "BSA"), operator of Brookhaven National Laboratory (BNL) under a Prime Contract with the U.S. Department of Energy (DOE) herewith solicits your quote for the subject requirement as outlined in Enclosure 1, Draft Contract 471924.

NAICS: The North American Industry Classification System (NAICS) Code for this RFQ is 335929 – Other Communication and Energy Wire Manufacturing; Size Standard 1000 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 System for Award Management (SAM) (www.SAM.gov).

2.0 SCOPE OF WORK

The Offeror shall provide four sets of Safe High Voltage (SHV) cable assemblies plus some additional replacement cable connectors and parts for the high voltage distribution of the DUNE (Deep Underground Neutrino Experiment) vertical drift (VD) far detector (FD) in strict accordance with Enclosure 1, Draft Contract 471924.

3.0 BASIS OF AWARD

BSA will make award to the responsive and responsible offeror who submits the lowest total price and meets all BSA's technical requirements *and* RFQ **Qualifiers**, as stated herein. Total price including options (if applicable), will be evaluated to determine the lowest price. Any offeror that fails to provide information to show they meet all technical requirements and RFQ Qualifiers may render the offer as non-responsive.

Note: Simply submitting a price quote or stating the offeror understands and will comply with the requirements is not sufficient. The quote provided **must include all necessary descriptive information to clearly demonstrate how the proposed item meets all the salient characteristics and requirements specified in this solicitation.** BSA is not responsible for locating or securing any information that is not furnished with the offer.

The resulting firm fixed price order shall be subject to the terms and conditions of Enclosure 1, Draft Contract. The Offeror shall clearly note its acceptance in full. **Any exceptions shall be noted by redlining the Draft Contract and Terms and Conditions document with "tracked changes" turned ON. The Offeror shall not construe any noted exceptions to be accepted by BSA**.

3.1 QUALIFIERS:

The following criteria establishes the minimum mandatory requirements for this solicitation. Offerors must meet every requirement to be considered responsive. Failure to provide the requested evidence for any item will not be considered for award.

3.1.1 The offeror shall have a minimum of 10 years of working experience in the assembly of high voltage cables with voltage ratings at a minimum of 10kVdc. The offeror shall provide reference documentation demonstrating 10 years or more of working experience in the assembly of high voltage cables with voltage ratings at a minimum of 10kVdc.

3.1.2 The SHV cables in this purchase order will be used in the DUNE far detectors in a deep underground cavern. The environmental conditions in the cavern differ significantly from those of typical laboratories. High temperature, humidity and airborne dust are typical in this site. To ensure reliable operation of the high voltage system for over 20 years, BSA requires stringent Quality Control tests to be performed by the vendor on these cable assemblies.

The offeror shall provide a document describing the Quality Control procedures including pass/fail criteria to be performed on the cable assemblies to ensure the products meet the requirements.

4.0 FORMS OF QUOTATION AND MANNER OF SUBMISSION

A complete quotation, including the signed Quotation Pricing Sheet (Enclosure 2), must be received by BSA no later than the due date in time listed in box f., on page 1 of this RFQ**.** Please ensure you add your SAM UEI number to Enclosure 2 where stated. 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 accept electronic submissions of formal quotations. Electronic submissions will be accepted by the following method:

- Email submissions must include a scanned copy of the signed Quotation Pricing Sheet. Emails will be sent to lgonzales@bnl.gov with the BSA RFQ Number **471924** in the Subject Line.

All questions must be submitted in writing by the due date and time listed in box e., on page 1 of this RFQ. Responses 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 attached to this document as Enclosure 2. Prices shall be quoted in U.S. dollars, FOB, Destination, (freight included) including any Import Duties, customs and associated costs, if applicable. Offeror shall also include pricing information on any options offered.

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).** 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, free of charge, from the Association of Procurement Technical Assistance Centers (APTAC), or by contacting the Federal Help Desk at 866-606-8220. By signing the enclosed Quotation Pricing Sheet, AMS Form-043, you are certifying that you are registered in SAM.

Note: Foreign Offerors are not required to be registered in SAM and can fill out the Enclosure 3, AMS Form-050 Annual Representations & Certifications instead.

6.0 SMALL BUSINESS SUBCONTRACTING PLAN

All Offerors certifying that they are other than a "small business or foreign business" and that they expect to submit an offer that will exceed $900,000 must submit a Small Business Subcontracting Plan for BSA's approval prior to contract award. Reference shall be made to FAR 52.219-9 before completing this subcontracting plan. Firms certifying that they are small or foreign businesses need not complete the plan.

The following BSA small business goals are provided as an example for this procurement. Any exceptions to this requirement shall be noted accordingly.

Small Business 50%
Small Disadvantaged Business 5%
Women-Owned Business 5%
Hub Zone 3%
Veteran-Owned Business 3%
Service Disabled Veteran-Owned Business 3%

7.0 OTHER REQUIRED FORM AND DOCUMENTS:

At the time of award, the successful offeror may be asked to complete the following forms:

- Vendor ACH Authorization Form, Enclosure 4
- W-9 Form, Enclosure 5
- W-8 Form, Enclosure 6 (must be completed in lieu of the W-9 Form if Offeror is foreign)

8.0 ENCLOSURES:

Enclosure 1 - Draft Contract 471924 with Applicable Exhibits
Enclosure 2 – AMS Form 043 Quotation Pricing Sheet
Enclosure 3 – AMS Form 050 Annual Representations & Certifications
Enclosure 4 - Vendor ACH Authorization Form
Enclosure 5 - Form W-9
Enclosure 6 - Form W-8 (applicable only if Offeror is foreign)