Procurement & Property Management Division

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for the U.S. Department of Energy

www.bnl.gov

July 7, 2026

COMBINED SYNOPSIS/REQUEST FOR QUOTE (RFQ) NUMBER 477787 DESCRIPTION: AIR-COOLED, SWITCHED-MODE DIPOLE MAGNET POWER SUPPLY SYSTEMS WITH EMBEDDED DIGITAL CONTROL AND DCCT FEEBACK	
Issued By: Brookhaven Science Associates, LLC for Brookhaven National Laboratory P.O. Box 5000 Upton, NY 11973-5000	**BSA Contractual Representative:** Name: Cassandra Smith Telephone No.: (907) 888-3142 Email: csmith2@bnl.gov
Ship To Address: Brookhaven National Laboratory Receiving: Bldg. 98 Rochester Street Upton, New York 11973-5000	**Anticipated Freight Terms:** North American Shipments: • FOB Destination, Freight Prepaid International Shipments: • DDP (Delivered Duty Paid)
	Anticipated Delivery Date: 10 months after receipt of award
Questions Due Date: Wednesday, July 15, 2026, at 4:00 PM EST	**Quote Due Date & Time:** Friday, July 24, 2026, at 4:00 PM EST
Purchase Order Type: Firm Fixed Price	**Payment Terms:** 30 (Net 10 for Small Business)
**Brookhaven National Laboratory is a tax-exempt entity.*	**Quote Validity:** Quotes shall remain valid for 60 days.

1.0 INTRODUCTION

This is a combined synopsis/solicitation for commercial material notice. This announcement constitutes the only solicitation; quotes are being requested and a written solicitation will not be issued.

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 an air-cooled, switched-mode dipole magnet power supply system with embedded digital control and DCCT feedback as outlined in the DRAFT Purchase Order (Enclosure A).

NAICS: The North American Industry Classification System (NAICS) Code for this RFQ is 335999 - All Other Miscellaneous Electrical Equipment and Component Manufacturing. 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 System for Award Management (SAM) within Quotation Pricing Sheet (Enclosure C).

This action 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 (Enclosure A).

3.0 BASIS OF AWARD

BSA will make an award to the responsive and responsible Offeror who submits the lowest total price and meets all BSA's technical requirements *and* **Technical Qualifiers** as stated herein. Any Offeror that fails to provide information to show they meet all technical requirements and RFQ Qualifiers will render the offer as nonresponsive.

The resultant Firm Fixed Price award shall be subject to the terms & conditions of Draft Purchase Order (Enclosure A). The Offeror shall clearly note its acceptance in full.

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.

3.1 TECHNICAL QUALIFIERS

1. Experience

Does the Offeror have a minimum of ten (10) years of experience in the design, manufacture, and support of **either**:

- ✓ High-precision power supplies for scientific, accelerator, or industrial applications; or
- ✓ Advanced power electronics systems requiring high stability and closed-loop regulation?

If yes, the Offeror shall provide documentation demonstrating such experience, including relevant project descriptions, product literature, customer references, or other supporting evidence.

2. Relevant Technical Experience

Does the Offeror have prior experience with systems incorporating **all** of the following:

- ✓ Digitally regulated power supplies (FPGA, DSP, or equivalent control)
- ✓ Closed-loop current regulation using DCCT or equivalent high-precision current transducers
- ✓ Switched-mode power conversion systems operating at high current and low ripple
- ✓ Systems requiring ppm-level stability (≤10 ppm or comparable performance)

If yes, the Offeror shall provide documentation demonstrating such experience, including relevant project descriptions, technical specifications, test results, or customer references.

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. The anticipated award date is by or before August 31, 2026.

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 Contractual Representative listed on page 1 of this RFQ with the BSA RFQ Number 477787 in the Subject Line.

All questions must be submitted in writing by the due date and time listed 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 must complete and return the Quotation Pricing Sheet (Enclosure C) attached to this document. All prices must be quoted in U.S. dollars and must be all-inclusive, including all applicable freight charges.

For North American shipments, the freight terms shall be FOB Destination, Freight Prepaid to Brookhaven National Laboratory, 98 Rochester Street, Upton, Long Island, New York. Under FOB Destination, Freight Prepaid terms, the Offeror is responsible for all freight charges and for delivery of material to the destination.

For international shipments, the freight terms shall be DDP (Delivered Duty Paid), to Brookhaven National Laboratory, 98 Rochester Street, Upton, Long Island, New York 11973-5000. Under DDP terms, the Offeror is responsible for all costs, risks, customs clearance, duties, taxes, and fees associated with delivering material to the specified location.

5.2 System For Award Management (SAM):

In order to support DOE reporting requirements, BSA requires all its 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.

Note: Foreign vendors are not required to be registered in SAM and can fill out AMS-Form-050 (Enclosure B) in lieu of.

5.3 Representations and Certifications:
AMS-Form-050 (Enclosure B) is only required for Contractors that are not currently active and registered in SAM.gov. A current copy (less than 12 months prior to the date of solicitation) of AMS-Form-050 must be on file with BSA's Procurement and Property Management (PPM) Division before an award can be placed. The attached AMS-Form-050 has been included for informational purposes. At the time of award, the successful Offeror will be asked to complete AMS-Form-050 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 within Quotation Pricing Sheet (Enclosure C).

7.0 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 Purchase Order 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.

Note: If the Offeror can certify that the there are no subcontracting opportunities in the work to be performed under this Purchase Order, they will need to fill out AMS Form 001 (Enclosure G), entitled "Subcontracting Plan Waiver," instead of the Small Business Subcontracting Plan.

8.0 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-8BEN Form (Enclosure F) will need to be completed in lieu of the W-9 Form if Vendor is foreign.

9.0 ENCLOSURES

A. DRAFT Purchase Order
B. AMS Form 050 Representations & Certifications
C. Quotation Pricing Sheet
D. Vendor ACH Authorization Form
E. W-9 Form (Domestic Contractors)
F. W-8BEN Form (Foreign Contractors)
G. AMS Form 001 Subcontracting Plan Waiver