National Aeronautics
and Space Administration

NASA Shared Services Center
Stennis Space Center, MS 39529-6000

8/5/2026

SUBJECT: Request for Quotation (RFQ) 80NSSC26938875Q, Acoustic Wind Profiler

This solicitation includes the following sections:

1. Statement of Work/Bid Schedule – Section 1
2. Instructions to Offerors – Section 2
3. Solicitation Provisions/Representations and Certifications – Section 3
4. Clauses/Terms and Conditions – Section 4
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SECTION 1
STATEMENT OF WORK/BID SCHEDULE

This a Brand Name or Equal To requirement.

ENTER SOW/BID SCHEDULE:

Statement of Work for Acoustic Wind Profiler (SoDAR)

The vendor shall provide one (1), sound detection and ranging (sodar) acoustic wind profiling system for measuring wind profiles at the NASA Armstrong Flight Research Center (AFRC). The sodar is planned to be located in a permanent location at the AFRC campus, used for real-time low-altitude aviation operations and better understanding of local atmospheric boundary layer characteristics. The sodar system shall be delivered within 1 mile (1.6km) of NASA AFRC. The sodar is intended to replace an Atmospheric Systems Corp. model 2000 sodar.

Hardware: The sodar system shall include, but not limited to, an acoustic sound board array, acoustic enclosure for sound dampening, acoustic signal processor, power supply, and network interface. The sodar shall be capable of being mounted to a raised platform, such as a flatbed trailer. Components shall be able to withstand the harsh outdoor desert environment, including temperatures 0°F to 130°F (-18°C to 54°C), humidity 0-100%, 60mph (96km/h) wind gusts, intense solar/ultraviolet radiation, and blowing sand. An option to expand the sodar system's capability to include atmospheric temperature profiling, such as a radio acoustic sounding system (RASS) extension, in the future is desired.

Software: The vendor shall provide operating manuals and the latest software version that operates and collects measurements from the sodar. The vendor shall provide software updates as they become available. The sodar system shall have a user interface, either onboard the sodar itself or a connected computing device, to program the sodar's operations. The interface shall have the ability to synchronize measurements with either local or UTC time.

Power: The sodar shall be capable of operating with an alternating current (AC) power source, 15 amps at 120 volts, using a standard U.S. electrical wall outlet. The sodar systems may be located up to 100ft away from the power source.

Network: The sodar shall be capable of integrating into a network of computing systems, either through a component onboard the sodar unit, an attachable device(s) compatible with the sodar, such as a laptop or server. The sodar system shall be compatible with Windows Server 2022 and/or Windows 11 operating systems. All network-capable components of the sodar system shall have a static IP address.

Measurements: The sodar shall measure profiles of horizonal and vertical wind speed and direction, and produce statistics such as standard deviations, averages, maxima, number of samples per interval, power returned, signal to noise ratio, and data quality indicator. Measurement altitude range shall have a minimum height of no greater than 60m above ground level (AGL) and a maximum height in the 600-1,000m AGL range. The height interval between each measurement shall be no greater than every 20m. The system shall be capable of producing wind profiles every 1-60 minutes, with 2-10 minute intervals

being desired. Wind direction accuracy within 5 degrees and wind speed within 2 knots is required. All measurements are required to be time-stamped.

Data output: The sodar system shall be capable of producing array-based data files so that data can be displayed using Vista Data Vision software. The system shall output text files, e.g. comma separated variables, ASCII text, or similar, that is readable by common Microsoft applications such as Excel and Notepad.

SECTION 2
INSTRUCTION TO OFFERORS

☒52.212-1 Instructions to Offerors – Commercial Products and Commerical Services. (APR 2026)(DEVIATION)
Addendum to 52.212-1

Quotes for the item(s) described in the RFQ are due by 8/18/2026 by 4:00 p.m. CT to Tracy Bremer at tracy.g.bremer@nasa.gov in order to be considered for award. If it is in the best interest of the Government, quotes submitted after the due date may be accepted. Quotes shall remain valid for 30 days unless otherwise expressly stated on the quote. Submitted Quotes shall list two points of contacts including name, phone number, and email address.

All contractual and technical questions must be in writing (e-mail) to Tracy Bremer at tracy.g.bremer@nasa.gov no later than 8/14/2026 by 12:00 p.m. CT. Telephone questions shall not be accepted.

The NAICS Code for this procurement is 334519.

This procurement is set aside for small business.

Offeror's shall be registered at www.sam.gov in order to be considered for award.

Please provide the Cage Code/UEI (Unique Entity ID) # on your Quote

Please provide your ARO Delivery Time on your Quote

Delivery is FOB Destination (Please provide FOB Destination on your Quote)

Payment Terms are NET 30

SECTION 3
SOLICITATION PROVISION/REPRESENTATIONS AND CERTIFICATIONS

☒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 this/these address(es):

FAR FAR | Acquisition.GOV
NFS NASA FAR Supplement

FEDERAL ACQUISITION REGULATION (FAR) PROVISIONS INCORPORATED BY REFERENCE:

☒52.204-7 System for Award Management (APR 2026)(DEVIATION)
☒52.209-2 Prohibition on Contracting with Inverted Domestic Corporations – Representation (APR 2026)(DEVIATION)

FAR PROVISIONS IN FULL TEXT:

☒52.225-8 Duty-Free Entry (OCT 2010)

(a) Definition. "Customs territory of the United States" means the States, the District of Columbia, and Puerto Rico.

(b) Except as otherwise approved by the Contracting Officer, the Contractor shall not include in the contract price any amount for duties on supplies specifically identified in the Schedule to be accorded duty-free entry.

(c) Except as provided in paragraph (d) of this clause or elsewhere in this contract, the following procedures apply to supplies not identified in the Schedule to be accorded duty-free entry:

(1) The Contractor shall notify the Contracting Officer in writing of any purchase of foreign supplies (including, without limitation, raw materials, components, and intermediate assemblies) in excess of $20,000 that are to be imported into the customs territory of the United States for delivery to the Government under this contract, either as end products or for incorporation into end products. The Contractor shall furnish the notice to the Contracting Officer at least 20 calendar days before the importation. The notice shall identify the-

(i) Foreign supplies;
(ii) Estimated amount of duty; and

(iii) Country of origin.

(2) The Contracting Officer will determine whether any of these supplies should be accorded duty-free entry and will notify the Contractor within 10 calendar days after receipt of the Contractor's notification.

(3) Except as otherwise approved by the Contracting Officer, the contract price shall be reduced by (or the allowable cost shall not include) the amount of duty that would be payable if the supplies were not entered duty-free.

(d) The Contractor is not required to provide the notification under paragraph (c) of this clause for purchases of foreign supplies if-

(1) The supplies are identical in nature to items purchased by the Contractor or any subcontractor in connection with its commercial business; and

(2) Segregation of these supplies to ensure use only on Government contracts containing duty-free entry provisions is not economical or feasible.

(e) The Contractor shall claim duty-free entry only for supplies to be delivered to the Government under this contract, either as end products or incorporated into end products, and shall pay duty on supplies, or any portion of them, other than scrap, salvage, or competitive sale authorized by the Contracting Officer, diverted to nongovernmental use.

(f) The Government will execute any required duty-free entry certificates for supplies to be accorded duty-free entry and will assist the Contractor in obtaining duty-free entry for these supplies.

(g) Shipping documents for supplies to be accorded duty-free entry shall consign the shipments to the contracting agency in care of the Contractor and shall include the-

(1) Delivery address of the Contractor (or contracting agency, if appropriate);

(2) Government prime contract number;

(3) Identification of carrier;

(4) Notation "UNITED STATES GOVERNMENT, _____ [agency] _____, Duty-free entry to be claimed pursuant to Item No(s) _____ [from Tariff Schedules] _____, Harmonized Tariff Schedules of the United States. Upon arrival of shipment at port of entry, District Director of Customs, please release shipment under 19 CFR part 142 and notify [cognizant contract administration office] for execution of Customs Forms 7501 and 7501-A and any required duty-free entry certificates.";

(5) Gross weight in pounds (if freight is based on space tonnage, state cubic feet in addition to gross shipping weight); and

(6) Estimated value in United States dollars.

(h) The Contractor shall instruct the foreign supplier to-

(1) Consign the shipment as specified in paragraph (g) of this clause;

(2) Mark all packages with the words "UNITED STATES GOVERNMENT" and the title of the contracting agency; and

(3) Include with the shipment at least two copies of the bill of lading (or other shipping document) for use by the District Director of Customs at the port of entry.

(i) The Contractor shall provide written notice to the cognizant contract administration office immediately after notification by the Contracting Officer that duty-free entry will be accorded foreign supplies or, for duty-free supplies identified in the Schedule, upon award by the Contractor to the overseas supplier. The notice shall identify the-

(1) Foreign supplies;

(2) Country of origin;

(3) Contract number; and

(4) Scheduled delivery date(s).

(j) The Contractor shall include the substance of this clause in any subcontract if-

(1) Supplies identified in the Schedule to be accorded duty-free entry will be imported into the customs territory of the United States; or

(2) Other foreign supplies in excess of $20,000 may be imported into the customs territory of the United States.

(End of clause)

NFS 1852.225-8(k): The following supplies will be given duty-free entry: [Insert the supplies that are to be accorded duty-free entry.]

(End of addition)

☐52.225-18 PLACE OF MANUFACTURE (AUG 2018)

(a) Definitions. As used in this clause—

"Manufactured end product" means any end product in product and service codes (PSCs) 1000-9999, except—

(1) FPSC 5510, Lumber and Related Basic Wood Materials;
(2) Product or Service Group (PSG) 87, Agricultural Supplies;
(3) PSG 88, Live Animals;
(4) PSG 89, Subsistence;
(5) PSC 9410, Crude Grades of Plant Materials;
(6) PSC 9430, Miscellaneous Crude Animal Products, Inedible;
(7) PSC 9440, Miscellaneous Crude Agricultural and Forestry Products;

(8) PSC 9610, Ores;

(9) PSC 9620, Minerals, Natural and Synthetic; and

(10) PSC 9630, Additive Metal Materials.

"Place of manufacture" means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

(b) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly—

(1)In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or

(2) Outside the United States.

(End of provision)

SECTION 4
CLAUSES/TERMS AND CONDITIONS

APPLICABLE COMMERCIAL ITEM CLAUSES

This order is for a commercial item subject to the terms and conditions of FAR 52.212-4, Terms and Conditions – Commercial Products and Commerical Serivces (APR 2026)(DEVIATION), incorporated by reference attached to this order and any additional terms and conditions checked below or included as a Center specific requirements as addenda to 52.212-4.

☒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): FAR and NFS Search (nasa.gov)

FAR CLAUSES INCOPORATED BY REFERENCE:

☒52.204-9 Personal Identity Verification of Contractor Personnel (JAN 2011)
☒52.204-13 System for Award Management Maintenance (APR 2026)(DEVIATION)
☒ 52 .222-90 Addressing DEI Discrimination by Federal Contractors (APR 2026)(DEVIATION)
☒52.223-23 Sustainable Products and Services (APR 2026)(DEVIATION)
☒52.232-39 Unenforceability of Unauthorized Obligations (JUN 2013)
☒52.232-40 Providing Accelerated Payments to Small Business Subcontractors (MAR 2023)
☐52.245-1 Government Property (SEP 2021)
☐52.247-29 F.o.b. Origin (FEB 2006)
☒52.247-34 F.o.b. Destination (NOV 1991)

NASA FEDERAL ACQUISITION REGULATION (NFS) CLAUSES INCORPORATED BY REFERENCE:

☒1852.203-71 Requirements to Inform Employees of Whistleblower rights (SEP 2025)(DEVIATION)
☒1852.237-73 Release of Sensitive Information (DEC 2025)(DEVIATION)
☐1852.245-76 List of government property furnished pursuant to FAR 52.245-2 (DEC 2025)(DEVIATION)
☐1852.242-72 Denied Access to NASA Facilities (DEC 2025)(DEVIATION)

NFS CLAUSES IN FULL TEXT:

☒1852.215-84 OMBUDSMAN (NOV 2023)

(a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and contractors during the preaward and postaward phases of this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman is not to diminish the authority of the contracting officer, the Source Evaluation Board, or the selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Therefore, before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution.

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman, whose name, address, telephone number, facsimile number, and email address may be found at: https://www.hq.nasa.gov/office/procurement/regs/ProcurementOmbuds-Comp-Advocate-Listing.pdf. Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the Agency ombudsman identified at the above URL. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the Contracting Officer or as specified elsewhere in this document.

(End of clause)

☒1852.216-78 FIRM FIXED PRICED (DEC 2025)(DEVIATION)

The total firm-fixed-price of this contract is TBD.

(End of clause)

☒1852.225-70 EXPORT LICENSES (DEC 2025)(DEVIATION)

(a) The contractor shall comply with all U.S. export control laws and regulations, including the International Traffic in Arms Regulations (ITAR), 22 CFR Parts 120 through 130, and the Export Administration Regulations (EAR), 15 CFR Parts 730 through 799, in the performance of this contract. In the absence of available license exemptions/exceptions, the contractor shall be responsible for obtaining the appropriate licenses or other approvals, if required, for exports of hardware, technical data, and software, or for the provision of technical assistance.

(b) The contractor shall be responsible for obtaining export licenses, if required, before utilizing foreign persons in the performance of this contract, including instances where the work is to be performed on-site at **Armstrong Flight Research Center**, where the foreign person will have access to export-controlled technical data or software.

(c) The contractor shall be responsible for all regulatory record keeping requirements associated with the use of licenses and license exemptions/exceptions.

(d) The contractor shall be responsible for ensuring that the provisions of this clause apply to its subcontractors.

(End of clause)

SECTION 5
QUOTE EVALUATION CRITERIA

The Government will award a contract from this solicitation to the responsible Offeror whose offer conforming to the solicitation is the lowest price technically acceptable (LPTA) offer. Offer's not deemed technically acceptable will be removed from further consideration of the contract award. An Offeror's quote will be deemed technically unacceptable and removed from further consideration for contract award if the Offeror's quote does not demonstrate that all of the requirements listed in this solicitation can be met in a satisfactory manner.