National Aeronautics and Space Administration

Goddard Space Flight Center
Greenbelt, MD 20771

Reply to Attn of: 171

To: All Potential Offerors

Subject: Request for Proposal (RFP), Solicitation No. 80GSFC26R0006, for Space Weather Next (SW Next) Space weather Observations at L1 to Advance Readiness (SOLAR) X-Ray Irradiance Sensor (XRIS)

You are invited to submit a proposal in response to the National Aeronautics and Space Administration (NASA) Goddard Space Flight Center's Space Weather Next (SW Next) Space weather Observations at L1 to Advance Readiness (SOLAR) X-Ray Irradiance Sensor (XRIS) solicitation. The principal purpose of this requirement is to design, analyze, develop, and fabricate two (2) flight X-Ray Irradiance Sensors that will provide NOAA with the continuity and resilience of space weather observations for the X-ray irradiance. As one of the National Weather Service's highest priorities for space weather observations, the X-ray irradiance measurement is a high availability product. The continuation of these observations is essential for space weather predictions and the creation of actionable warnings for the protection of critical infrastructure that includes different sectors in the nation like aviation, commerce, energy, space exploration, and defense.

NASA will conduct this acquisition as a full and open competition. The North American Industry Classification System (NAICS) code for this acquisition is 336414 (Guided Missile and Space Vehicle Manufacturing) and the small business size standard is 1,300 employees.

This competitive acquisition will result in a Firm-Fixed Price (FFP) and Time & Materials (T&M) contract with the following Contract Line Item Numbers (CLIN):

CLIN	DESCRIPTION	CONTRACT TYPE
001	Flight Instrument	FFP
002	Post Delivery Support	FFP
003	Pre-Priced Change Options	FFP
004	Additional Engineering Analysis	T&M

The period of performance of this contract shall be for a period starting from the contract

effective date through January 2034. The anticipated contract award date is October 27, 2026, with a November 2, 2026 contract effective date. The contract will be performed offsite at the Contractor's facility.

Potential offerors should pay close attention to all solicitation instructions; however, the following requirements list is summarized to assist in proposal development. Please note that this list is not exhaustive, and the solicitation terms and conditions and provisions in sections L and M take precedence:

1. NASA has determined that this acquisition may give rise to a potential organizational conflict of interest (OCI). Offerors should refer to Section I, NFS clause 1852.237-72 Access to Sensitive Information that references the OCI Plan as a contract compliance document and NFS clause 1852.237-73 Release of Sensitive Information.

2. In response to the Revolutionary FAR Overhaul, the Government updated many FAR and NASA FAR Supplement (NFS) clauses and provisions.

3. Disclosure of Artificial Intelligence (AI) Use During Contract Performance. Offerors are required to disclose any intent to propose, or plan to use, Artificial Intelligence (AI) to perform contract requirements.

4. Offerors are required to have a Commercial and Government Entity (CAGE) code that matches the corporate address submitted with its proposal.

Offerors are encouraged to refer to Federal Acquisition Regulation (FAR) provision 52.215-1, INSTRUCTIONS TO OFFERORS -COMPETITIVE ACQUISITION, in particular paragraph (f)(4) which discusses the Government's right to award a contract without negotiations (except clarifications).

To control and protect sensitive data owned by the Government and its Contractors, NASA policy required all acquisition-related documents be released in Adobe Portable Document Format (PDF). While the RFP's Price Volume exhibits are in PDF format, the Offeror's Price Volume proposal shall include completed Price Volume exhibits in Microsoft Office Excel format with working cell formulas. Instructions for converting from PDF format to Excel format can be found in Section L, GSFC 52.215-227.

Documents related to this acquisition, including this letter, the solicitation, attachments, exhibits, any amendments and links to online reference/technical/bidders library will be attainable electronically through the Government-wide point of entry website at www.SAM.gov. Potential offerors are requested to periodically monitor the websites for updates.

NASA FAR Supplement (NFS) clause 1852.215-84, Ombudsman, is applicable. The Center Ombudsman for this acquisition can be found at: https://www.hq.nasa.gov/office/procurement/regs/Procurement-Ombuds-Comp-Advocate-Listing.pdf

This RFP does not commit NASA GSFC to pay any proposal preparation costs, nor does it obligate NASA GSFC to procure or contract for these services. This request is not an authorization to proceed and does not authorize payment for any charges incurred by the offeror for performing any of the work called for in this solicitation.

Proposals submitted in response to this solicitation are due no later than July 6, 2026 at 5:00 PM EST. Proposals for this solicitation are required to be submitted through NASA's Enterprise File Sharing and Sync Box (EFSS Box), a FedRAMP Moderate certified platform. Potential offerors, especially those that have not previously submitted a proposal utilizing NASA's EFSS Box, are encouraged to review the solicitation instruction entitled "Electronic Proposal Delivery - Proposal Marking and Delivery Through NASA's EFSS Box" which provides instructions related to the submission of proposal via EFSS Box. Offerors are encouraged to check with their corporate IT staff to determine if there are firewall restrictions that need to be addressed prior to the submission of proposal files through NASA's EFSS Box.

All questions regarding this RFP should be submitted in writing, electronically to Daniel S. Han, Contracting Officer, at daniel.s.han@nasa.gov on or before June 18, 2026. Offerors are encouraged to submit questions as soon as possible for consideration.

Thank you for your support. We look forward to receiving your proposals.

Sincerely,

Daniel Han Digitally signed by Daniel Han Date: 2026.06.04 14:54:59 04'00'

Daniel S. Han
Contracting Officer

Enclosures:

RFP 80GSFC26R0006
Attachments A - Q
Enclosures 1 - 3
Exhibits 1 - 3