

National Aeronautics and Space Administration

**George C. Marshall Space Flight Center**  
Marshall Space Flight Center, AL 35812



August 16, 2021

PS52

TO: All Prospective Offerors

SUBJECT: Request for Proposal (RFP), Solicitation No. 80MSFC21R0001, for  
Mars Ascent Vehicle Integrated System (MAVIS)

You are invited to submit a proposal in response to the National Aeronautics and Space Administration (NASA) Marshall Space Flight Center's (MSFC) MAVIS solicitation. The principal purpose of this requirement is to provide the Design, Development, Test & Evaluation of multiple MAV units, and the design and development of Ground Support Equipment (GSE), including Mechanical (MGSE) and Electrical Ground Support Equipment (EGSE).

NASA will conduct this acquisition as a full and open competition. The North American Industry Classification System (NAICS) code for this acquisition is 336414 and the small business size standard is 1,250.

This competitive acquisition will result in a Cost-Plus-Fixed Fee contract, with a six-year period of performance.

The anticipated contract award date is February 2, 2022, with a February 25, 2022, contract effective date. The contract will be performed onsite at NASA MSFC and offsite at the Contractor's facilities.

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. Mandatory Qualifications Criteria located in Volume V will be utilized.
2. The Government will make available existing Installation-Accountable Government Property (IAGP) for onsite contract performance and Government Furnished Property (GFP) for offsite use at the Contractor's facility as described in the RFP.
3. Review the information listed in the Preproposal Conference/Virtual Industry Day MSFC Clause: 52.210-91.
4. Be advised, in accordance with provision MSFC 52.215-91, Offerors need to encourage their references to submit their Past Performance Questionnaires directly to the Contracting Officer prior to proposal due date.

5. 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 discussions.

In order 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 Cost Volume exhibits are in PDF format, the Offeror’s Cost Volume proposal shall include completed Cost Volume exhibits in Microsoft Office Excel format with working cell formulas. Instructions for converting from PDF format to Excel format can be found in the Section L instructions.

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 from the World Wide Web through the Government-wide point of entry website at [www.SAM.gov](http://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 [http://prod.nais.nasa.gov/pub/pub\\_library/Omb.html](http://prod.nais.nasa.gov/pub/pub_library/Omb.html).

This RFP does not commit NASA MSFC to pay any proposal preparation costs, nor does it obligate NASA MSFC 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 shall be due no later than September 16, 2021 at 4:00 pm Central Time.

In accordance with NFS 1815.201(f), a “Blackout Notice” has been issued to NASA personnel. All inquiries/communications pertaining to this acquisition shall be directed only to the Contracting Officer listed below.

All questions regarding this RFP should be submitted in writing, electronically to Melody Hinkle, Contracting Officer, at [melody.f.hinkle@nasa.gov](mailto:melody.f.hinkle@nasa.gov) on or before August 20, 2021 at 4:00 pm Central Time. Offerors are encouraged to submit questions as soon as possible for consideration.

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

**BELINDA TRIPLETT** Digitally signed by BELINDA  
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Date: 2021.08.09 21:16:00 -05'00'

Belinda Triplett, Contracting Officer  
Branch Chief, PS52