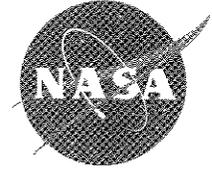


National Aeronautics and Space Administration  
George C. Marshall Space Flight Center  
Marshall Space Flight Center, AL 35812



February 9, 2012

Reply to Airmail:

Solicitation Number and Title: NNM12ZPS001N, Space Launch System (SLS)  
Advanced Booster Engineering Demonstration and/or Risk Reduction (ABEDRR)

Release Date: February 9, 2012

Industry Questions/Comments Due: March 9, 2012, 1:00 p.m. CST

Proposals Due: April 9, 2012, 1:00 p.m. CDT

This NASA Research Announcement (NRA) seeks identification and mitigation of risks for the SLS Advanced Booster through engineering demonstration and/or risk reduction (EDRR) efforts. Proposals are solicited by NASA, Human Exploration and Operations Mission Directorate, SLS Advanced Development Office.

The Offeror should note that because of system limitations, various adjustments to the solicitation number have been utilized. For reference purposes, they include the following:

- NNM12ZPS001N (Request for Information)
- SLS-ABEDRR-01-NNM12ZPS001N (Draft NRA)
- SLS-ABEDRR-NNM12ZPS001N (NRA)

The full NRA may be found on: <http://www.fedbizopps.gov>, <http://prod.nais.nasa.gov>, or <http://nspires.nasaprs.com/>. The Offeror should monitor these sites for any amendments issued against this NRA. Additionally, the Offeror is informed that major changes from the Draft NRA to the NRA are minimal. Changes of note are provided as follows:

- Deleted Notional Target Areas and associated language
- Extended flexibility in period of performance
- Made allowance for other than firm-fixed-price contracts
- Eliminated Construction of Facilities restriction
- Added Rocket Propulsion Test Program point of contact
- Clarified evaluation strength and weakness criteria and adjectival ratings
- Added Iran, North Korea, and Syria Nonproliferation Act (INKSNA) prohibition language
- Clarified cost sharing and corporate resource requirements
- NRA Attachment 1, Model Contract, amended to include Special II Clause to address Space Act Agreement cost management

Questions and comments associated with this NRA shall be submitted in writing to NASA Marshall Space Flight Center, Attn: Kathryn Cooper, PS41, Marshall Space Flight Center, 35812 or via email at [Mary.K.Cooper@nasa.gov](mailto:Mary.K.Cooper@nasa.gov) within 30 calendar days of the issue date of this NRA. Questions received after the specified date will not be addressed. Questions and responses will be posted on the web at <http://fedbizopps.gov>, <http://prod.nais.nasa.gov>, or <http://nspires.nasaprs.com/> site.

An Offeror proposing use of a Space Act Agreement (SAA) should be aware that an SAA is to be utilized only for unique requirements which cannot be obtained elsewhere within Industry.

Proposals solicited through this NRA will use a selection and award process. NASA will select proposals that provide best value to NASA in regards to Relevance to NASA Objectives, Intrinsic Merit, and Price with consideration to available funds. Upon selection, the Offeror will be required to provide additional information for negotiation and potential award.

Proposals shall be submitted no later than April 9, 2012, 1:00 p.m. CDT. One original proposal package, plus ten paper copies and two digital copies shall be submitted to: NASA, George C. Marshall Space Flight Center, Attn: Kathryn Cooper/PS41, Building 4202, Room 211A, MSFC, AL 35812. Proposals, evaluation of proposals, and communication of the results of its evaluation shall not be performed through NSPIRES or through Grants.gov.

Through this NRA, NASA encourages the participation of industry in its SLS ABEDRR acquisition. Additionally, for planning purposes only, the Offeror is notified that NASA still intends the future Advanced Booster Design, Development, Test, and Evaluation phase to be a FAR based effort.

Respectfully,



Kathryn Cooper  
Contracting Officer