

The National Aeronautics and Space Administration invites industry to respond to this inquiry to assist NASA in the planning for the Crew Launch Vehicle (CLV) Upper Stage Thermal Protection System (TPS) materials and processes development. Detailed information regarding the overall development approach for the CLV Upper Stage is contained in the Crew Launch Vehicle Upper Stage Request for Information document that can be located at the following web address: <http://prod.nais.nasa.gov/cgi-bin/eps/synopsis.cgi?acqid=119491>. The information contained in that document represents the current program content.

Many current materials used for spacecraft thermal protection systems are subject to environmental restrictions and other obsolescence issues. NASA intends to pursue a more environmentally friendly approach to TPS materials and process development in order to avoid these problems for the CLV Upper Stage.

It is in this context, that the CLV Upper Stage Thermal Protection System Team would like to extend an invitation to provide information on environmentally friendly TPS materials and processes that could be applicable to spacecraft processing and operation.

Interested parties should provide the following information to the contact listed below by August 25th 2006.

- Company contact information
- Material and/or process description
- Application to spacecraft processing and operation
- Benefits of the proposed material and/or process over currently used materials and/or processes
- Maturity level of proposed material and/or process

In order to facilitate sharing of information during this early stage of CLV Upper Stage TPS development, company representatives will be invited to a face-to-face meeting for presentation of their respective information. Final details regarding this meeting will be announced after the August 25th deadline at the website listed above, but tentatively, the meeting is planned for September 6th in Huntsville, Alabama. Further information including registration requirements will be published at a later date.

General Information and Responses

This RFI is being used to obtain information for planning purposes only and the Government does not presently intend to award a contract at this time. As stipulated in FAR 15.201(e), responses to this notice are not considered offers and cannot be accepted by the Government to form a binding contract. This RFI is subject to FAR 52.215-3.

All responses should be provided in MS Word document format via electronic media. Font should be Times New Roman, size 12. Responses should not exceed 30 pages. Please submit responses no later than August 25, 2006, to NASA/MSFC Procurement Office, Attn: PS40/Earl Pendley, Contracting Officer, Marshall Space Flight Center, AL 35812 or via e-mail at George.E.Pendley@nasa.gov. Additional questions should also be provided to Earl Pendley via e-mail: George.E.Pendley@nasa.gov; or

Technical Contact

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