

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION

I recommend that NASA, George C. Marshall Space Flight Center negotiate with The Mathworks, Inc. only, for the renewal of software maintenance and support for the MatLab software products.

The total estimated cost of this effort is \$350,000.00 and the estimated period of performance is one year.

This procurement will provide the capability for algorithm development, data analysis and visualization, numeric computation and an extensible block diagram environment for simulation and model-based design. These products are used throughout the Engineering Directorate in support of all phases of support and analyses provided as needed by the Propulsion Systems Department, the Space Systems Department, and the Spacecraft & Vehicle Systems Department.

This recommendation is made pursuant to FAR 6.302-1, which implements the authority for 10 U.S.C. 2304(c)(1) for acquisition of supplies or services from only one source and no other supplies or services will satisfy agency requirements. Competition is impractical for the following reasons:

1. MSFC currently owns the MatLab software products and has for over 10 years. Maintenance and support for this software needs to be maintained. Market research shows that maintenance and support for this proprietary product is available solely through the developer, The Mathworks, Inc.
2. This total suite of software tools is integrated into a seamless package needed for the complex analysis performed for many systems by many departments throughout the Engineering Directorate. Maintaining accuracy and reliability via annual maintenance are of the utmost importance and are only available from Mathworks, Inc.

Pursuant to NFS 1804.570, this proposed contract action will be published on the NASA Acquisition Internet Service (NAIS) and pursuant to FAR 5.201; this proposed contract action will be synopsisized in the Federal Business Opportunities. The results received in writing will be added to this document by addendum.

Market research was conducted by discussions with technical experts within the Marshall Space Flight Center Engineering Directorate and with representatives of The Mathworks, Inc. It was determined that The Mathworks, Inc., is uniquely capable of continuing to provide the required analysis capability and that the MatLab software maintenance is available solely through the product developer, The Mathworks, Inc.

Technical data packages, specifications, engineering descriptions, statements of work, or purchase descriptions suitable for full and open competition are not available.

There are no known actions which the agency may take to remove or overcome barriers to competition before any subsequent acquisition for the services required.

For the above reasons, full and open competition is not feasible. Therefore, purchase of the equipment from The Mathworks, Inc. is the only practical approach.

I hereby certify the facts in this justification and any supporting data used for this justification are accurate and complete to the best of my knowledge.


Patrick B McDuffee
Engineering IT Manager

5-14-13
Date

I hereby certify that the above justification is complete and accurate to the best of my knowledge and belief. In addition, I hereby determine that the anticipated cost to the Government will be fair and reasonable.


Michael R. Sosebee
Office Chief, Engineering Lab Support Office

5/24/13
Date

Approved:

RUM


Roxanne C. Melton
Contracting Officer
Manager, Engineering Support Office

6/24/13
Date