

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
KENNEDY SPACE CENTER

JUSTIFICATION FOR SOLE SOURCE ACQUISITION  
VALUES \$2,501 - \$100,000  
RECOMMENDATION AND DETERMINATION TO SOLICIT FROM ONE SOURCE

PR: [REDACTED]

I recommend that NASA, Kennedy Space Center negotiate with DAMASKOS, Inc. only for the Mu Epsilon Waveguide (MuEpWvGd<sup>III</sup>) package.

The total estimated cost of this effort is [REDACTED] and the estimated period of performance or lead-time for delivery is 8-12 weeks.

This recommendation is made pursuant to FAR 13.106, for the acquisition of supplies or services determined to be reasonably available from only one source. Competition is impractical for the following reasons:

1. The Launch Services Program has a requirement for a precision waveguide. Damaskos, Inc. is the only company that can provide a precision waveguide with software that directly interfaces with the existing Launch Services Program Anristu Network Analyzer (Anristu Lightning VNA Model 37369D). Precise measurements are required for material sample permittivity and permeability predictions. The sample mount on the Damaskos, Inc. waveguide allows for this precise measurement. Use of a waveguide manufactured by a different company would not allow sufficient accuracy for an effective calibration because the software would not be compatible with the existing Anristu Network Analyzer. Damaskos, Inc is the only source for Damaskos, Inc. equipment and software.

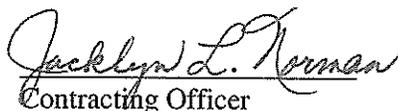
2. Pursuant to NFS 1805.207 and 1804.570, this proposed contract action will be published on the NASA Acquisition Internet Service (NAIS) and pursuant to FAR 5.201, this proposed contract action will be synopsisized in the Federal Business Opportunities. The results received in writing will be added to this document by addendum.



Paul Schallhorn, Ph.D.  
Chief, Environments and Launch Approval Branch  
Flight Analysis Division  
4A-H3

9/14/2011  
Date

I hereby accept the above stated recommendation and determine that the circumstances of the contract action deem only one source reasonably available.



Contracting Officer

9/14/11  
Date