

March 18, 2002

DL-TWTA-RFP-N11-552142

Attention:

Subject: Request for Proposal (RFP) for a Ku-Band Pulsed Traveling Wave Tube Amplifier (TWTA)

Enclosed is the Request for Proposal for a Ku-Band Pulsed TWTA. This RFP will provide under the basic Fixed Price R&D Contract for delivery of one Engineering/Qualification Model and the delivery of three ProtoFlight Models under an option provision. The RFP can be viewed on JPL's Acquisition Web Site at ([http://acquisition.jpl.nasa.gov/rfp/OVWM\\_TWTA](http://acquisition.jpl.nasa.gov/rfp/OVWM_TWTA)).

NASA's Ocean Vector Winds Mission (OVWM) will make high quality wind vector measurements over 90% of the Earth's oceans every day for scientific and operational users. The mission employs an active Ku-band scatterometer to make accurate radar backscatter measurements of the Earth's surface from which wind speed and direction will be inferred. Backscatter data will also be used for other applications such as sea ice monitoring in Polar Regions. The scatterometer is planned to be launched in the 2007 time frame. OVWM is a follow-on to NASA's Scatterometer (NSCAT) 1996, SeaWinds on QuikSCAT (1999) and SeaWinds on ADEOS-II (2002) missions.

The Jet Propulsion Laboratory invites your organization to submit a written proposal in conformance with the instructions contained in the RFP and the Specimen Contract.

As a convenience to JPL, you are requested to provide the undersigned, by no later than March 29, 2002, a FAX statement that you do or do not intend to submit a proposal. Should the choice be not to propose, please include a brief statement addressing the reasons for your decision not to propose.

All questions and correspondence related to this procurement shall be directed to the undersigned.

Cordially,

Dan Low  
Member of Acquisition Staff  
M/S 190/202A  
(818) 354-7397  
FAX (818) 393-4168  
Internet Address:  
[Danny.Low@jpl.nasa.gov](mailto:Danny.Low@jpl.nasa.gov)

Enclosure: RFP No. N11-552142