

July 14, 2004

Attention: Proposer

Subject: JPL Competitive Request for Proposal (RFP) No. JSL-52404 for Mars UHF Proximity Antenna.

Reference: Enclosures

The Jet Propulsion Laboratory (JPL) invites your organization to submit a written proposal in conformance with the instructions contained in this letter and its enclosures, which comprise the RFP for JPL's acquisition of the subject effort.

JPL's acquisition of the subject effort includes (1) Basic Contract for a UHF antenna design and a high gain UHF antenna design parametric study, (2) Option 1 for design and fabrication of a breadboard flight qualifiable UHF Proximity Antenna (MUPA) assembly, and (3) Option 2 for design and fabrication of an Engineering Model MUPA assembly. It is anticipated that up to two (2) Contracts will be awarded for the Basic Contract effort. Option 1 is anticipated to be exercised for both Contracts, provided that the conditions discussed in Article 3, Options, of the Specimen Contract are met. Option 2 is anticipated to be exercised for one (1) Contract. The breadboard design will be down selected to one design for the EM antenna build. The breadboard designs will be evaluated considering their capability to meet the requirements specified in Exhibit I of the Specimen Contract, their space-flight technology readiness level, their fault-tolerance and robustness, their electrical and mechanical implementation simplicity, and their ability to meet the volumetric and mass constraints.

In the performance of this RFP, JPL may exchange information or other technology which may be subject to the export control laws and regulations of the United States, including the International Traffic in Arms Regulations (ITAR), 22 C.F.R. 120-130 and the Export Administration Act Regulations (EAR), 15 C.F.R. 730-774). All proposing parties agree to fully comply with all such laws and regulations in the performance of this RFP.

Provide the name of your cognizant Government Audit Agency (i.e., DCAA, etc.), if any, their phone number and point of contact, and any copy of a letter that indicates their approval.

Please note that your proposal is due at JPL no later than August 9, 2004, 3:00 PM Pacific Daylight Time.

As a convenience to JPL, you are requested to provide the undersigned, by no later than July 23, 2004, a fax or e-mail statement that you do or do not intend to submit a proposal.

Should you have any questions, please address them to the undersigned by phone or e-mail.

Very truly yours,

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Enclosures: RFP consisting of:
 Cover Sheet and Table of Contents
 General Instructions
 Technical/Management Instructions
 Cost Instructions
 Past Performance Instructions
 RFP Attachments

 Specimen Contract consisting of:
 Specimen Contract
 Referenced Exhibits
 Referenced GPs & AGPs