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January 30th, 2003

Attention: Proposer

Subject: Request for Proposal (RFP) No. 011204
Jupiter Icy Moons Orbiter, Radiation Hardened Memory Development

The JPL Jupiter Icy Moons Orbiter (JIMO) project is conducting design and development activities in preparation for the Jupiter Icy Moons Orbiter mission scheduled for launch no earlier than 2012. The current approach to this mission requires the development of three high density radiation hardened memory components as follows: a Start Up Read Only Memory (SUROM), a High Speed Local Memory (LM) and a Non-Volatile Mass Memory (NVMM). As a result of this competition, JPL may award subcontracts for each of these efforts independently or any combination of the three as described below.

The procurement of flight qualified components is divided into three phases. Phase 1 includes the design, development and fabrication of proof of concept components and ends with delivery of components and an implementation plan for Phase 2. JPL will then review the Phase 2 implementation plans, and based on available funding JPL will make a determination whether or not to execute the option for Phase 2. JPL will also review and possibly alter the fee structure prior to exercising the option. Phase 2 will consist of the design, development and verification testing of flight qualifiable components, include a Critical Design Review and end in the delivery of flight qualifiable components. Qualification to QML-V or similar level to be defined in the JIMO Parts Program Plan prior to the end of Phase 1 will be deferred to Phase 3. Phase 3 will consist of the fabrication of flight qualified components. It is currently envisioned that the JIMO spacecraft Contractor will subcontract with one or more memory providers for Phase 3.

JPL invites your organization to submit a response to the enclosed RFP for the Phase 1 design, development, and fabrication of proof of concept components for one or more of these memory efforts. JPL intends to award up to five separate subcontracts as a result of this RFP. We intend to award two subcontracts for the LM effort and two subcontracts for the NVMM effort to different proposers.

We will consider submissions which take advantage of synergy between the different memory efforts and include proposals for more than one effort. If you wish to propose on more than one memory effort please submit complete self contained separate proposals for each effort. If you wish us to consider the technical/management and cost benefits of synergy between the different efforts you will need to submit a separate Volume III discussing these benefits. There are two primary parts to this RFP, the RFP instructions and their attachments, and the Specimen Contract with its exhibits. The RFP instructions contain more detail on the information required for Volume III.

Phase 1 funding for this effort is anticipated but not guaranteed from the JIMO FY04-05 budget. Contract award pursuant to this RFP is contingent upon release of the funds and the existence of a valid task order for this work under the JPL-NASA prime contract.

All material contained in the RFP will be posted on the JPL website <http://acquisition.jpl.nasa.gov/rfp/jimomem>
Included on this website are the RFP, Specimen Contracts for each effort, and Applicable Documents.

The undersigned JPL procurement representative must receive proposals no later than 3:00 p.m., local time, on March 5th, 2004. Please notify the JPL Subcontract Manager before February 13th if you intend to propose in response to this RFP. In your notification identify the number of efforts you intend to propose on and whether or not you will be submitting a supplemental Volume III. Past Performance information requested in paragraph 5.0 of the RFP general instructions should be received by the undersigned JPL procurement representative on or before February 13th, 2004 but no later than March 5th at 3:00 PM. Questions concerning this RFP should be directed by email to the undersigned only at; Geoffrey.A.Pomeroy@jpl.nasa.gov . Questions received after 12 noon Pacific Time February 25th will not receive a response.

Sincerely,



Geoffrey Pomeroy
Subcontract Manager

Enclosures: RFP
 Specimen Contracts and attached Exhibits
 JPL Forms as marked on JPL Form 2839