NOTICE OF PROPOSED SOLE SOURCE # CU-SL372554-SS

Responses to this Notice of Proposed Sole Source are due by Wednesday, 11/10/2010 at 4:00 pm (MDT).

The University has received a Sole Source Request from our Laboratory for Atmospheric and Space Physics (LASP) Department for the below Maxon-Gysin Gearmotor Clean and Lube Processing for TIM/SIM. These parts and Processing are all Spaceflight Parts and will be used for the Spaceflight project, known as TSIS or Total Solar Irradiance Sensor.

The Justification for purchase of this specific Maxon-Gysin Gearmotor Clean and Lube Processing for TIM/SIM for existing Spaceflight parts is that Spaceflight parts must meet stringent NASA requirements for spaceflight reliability and use. These parts are often identified based on previous spaceflight heritage and are approved by each Agency Program Control Board (Lockheed, NASA, JPL, etc.) well in advance of purchase (up to years ahead) for the specific application and use required. By the time of purchase, significant design work has already been done based on the specific approved parts/Processing and purchase of any other part/Processing would require unacceptable re-design and schedule delays.

The following identifies the required Certificate of Compliance Requirements for these parts:

Supplier shall submit mfgr's CofC signed by responsible company rep stating that all materials, processes and finished products meet the applicable specs and LASP drawing requirements.

Certified for National Defense use under DPS Reg. 1 the DPAS rating for this procurement is DO-C9, Start Date: 12-17-2008

Suppliers that cannot meet the above requirements, including providing the COCs required, will not be considered. Please indicate whether your company has provided similar COCs previously for Spaceflight Parts/Processing and that any parts/Processing offered in response to this Notice of Proposed Sole Source are strictly based on providing COCs with the required information above as well as the other requirements listed above:

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The only known specific Maxon-Gysin Gearmotor Clean and Lube Processing for TIM/SIM existing Spaceflight Parts which meet the above requirements is provided by Ball Aerospace as follows:

6 each Demagnetization, barrier film, cleaning, and lubrication of bearings, gears, and other gearhead hardware associated with 6 Maxon two-stage gearheads. Includes:
a. Particle cleanliness will be verified to Level 200 for metals, Level 300 overall
b. Bearings, gears, and applicable hardware will be grease plated with Braycote 601EFVB grease

c. Bearings will be lubricated with Braycote 601 EFVB grease, 20 to 30% void volume fill
d. Gears and sliding interfaces will be lubricated with Braycote 601 EFVB + MoS2 gear grease
e. Barrier film will be applied where applicable depending upon hardware configuration

Should your company carry the entire Maxon-Gysin Gearmotor Clean and Lube Processing for TIM/SIM existing Spaceflight Parts above meeting ALL the above requirements, please submit a letter with your Item Part Numbers, model(s), and quantities required to meet these Specifications and Requirements. Vendors are required to provide a Point By Point Response to the list of items # 6.a. – 6.e. above as to how your parts/Processing meet each of these requirements. As well please provide a response to paragraph 2 above regarding the Justification for Spaceflight Parts as to how your Maxon-Gysin Gearmotor Clean and Lube Processing for TIM/SIM existing Spaceflight Parts will meet this requirement for spaceflight reliability, previous spaceflight heritage and previous design work based on these specific parts/Processing. Vendors are to provide documentation to certify and validate vendor specifications, along with brochures containing vendor specifications which can be evaluated by University personnel, and any other pertinent information concerning your parts/Processing. Detailed information as to how your parts/Processing meet each of the above Specifications/Features and specific items as well as how your parts meet the application required of these parts/Processing as listed above is required with your response.

Important Note: Delivery is also an important consideration in the purchase of the above parts. The required Delivery Time is 7 days after receipt of materials. With your response to this Notice of Proposed Sole Source, please state your specific Delivery for the parts/Processing offered.

Further, companies responding to this Notice of Proposed Sole Source must be the provider for the Maxon-Gysin Gearmotor Clean and Lube Processing for TIM/SIM existing Spaceflight Parts. With your response to this Notice of Proposed Sole Source, please provide documentation of your status as a provider of the required Maxon-Gysin Gearmotor Clean and Lube Processing for TIM/SIM existing Spaceflight Parts. Responses also must include the specific previous Spaceflight projects for which you have provided this specific Maxon-Gysin Gearmotor Clean and Lube Processing for TIM/SIM existing Spaceflight Parts.
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Any potential supplier must also meet LASP Quality Assurance Requirements to be a LASP Approved vendor. Vendors may be required to complete a Quality Survey and meet LASP Approval requirements which may include a site visit prior to the University purchasing any parts from your company.

The University of Colorado will be the sole judge of equivalence.

FAILURE TO RESPOND AS INSTRUCTED ABOVE WILL AUTOMATICALLY RESULT IN DISQUALIFICATION.

Interested parties should read and be familiar with the specifications before responding as the above specifications must be met or exceeded with validation. Responses must be submitted by FAX to Attention: Stuart Littlefield, Senior Purchasing Agent at FAX # 303-764-3434 no later than Wednesday, November 10, 2010 at 4:00 pm.