National Institute of Standards and Technology
Acquisition Management Division
Notice of Intent for Sole Source Purchase

The National Institute of Standards and Technology (NIST) Acquisition Management Division, intends to negotiate with Coherent, Inc., located in Santa Clara, CA., on a sole source basis under the authority of FAR Subpart 13.106-1(b), Soliciting from a single source, to provide one (1) diode pump module for NIST's preexisting Coherent Verdi-V10 laser system, including on site installation by a manufacturer's representative.

The unique technical specifications for the service are the capabilities of that this diode pump module must be fully compatible with NIST's preexisting Coherent Verdi-V10 laser system.

The NAICS Code is 811219, Other Electronic and Precision Equipment Repair and Maintenance, with a size standard of $20.5M. NIST anticipates negotiating and awarding a firm-fixed-price purchase order to Coherent, Inc., for this requirement.

Interested parties who can demonstrate they could satisfy the requirements listed above for NIST must clearly and unambiguously identify their capability to do so in writing on or before the response date for this notice. This notice of intent is not a solicitation. Information submitted in response to this notice will be used solely to determine whether competitive procedures could be used for this acquisition. If competitive procedures are not used it is estimated that an award will be issued by 06/30/2016. Any questions regarding this notice must be submitted in writing via email to marc.zurasky@nist.gov. All responses to this notice of intent must be submitted so that they are received at marc.zurasky@nist.gov no later than 02:00 pm MST Wednesday, June 22, 2016.

National institute of Standards and Technology

Statement of Work
Supply and Installation of Coherent Verdi-V10 part – pump diode module
NB688000-16-04122

BACKGROUND
The Ion Storage Group within the Time and Frequency Division of the Physical Measurement Laboratory located at the National Institute of Standards and Technology (NIST), Boulder CO., performs quantum information and simulation experiments with trapped atomic ions.

PURPOSE
Lasers are used to control trapped ions. The diode pump module in one of our Verdi-V10 laser systems has failed and must be replaced. This laser system is manufactured solely by Coherent, Inc.

DELIVERABLES
The contractor shall provide one (1) diode pump module for NIST's preexisting Coherent Verdi-V10 laser system, including on site installation by a manufacturer's representative.

TECHNICAL SPECIFICATIONS
Replacement of failed diode pump module within an existing Coherent Verdi-V10 laser system – Part number 1130054 – FAP-I Kit.

TECHNICAL CONSIDERATIONS
This diode pump module must be fully compatible with our preexisting Coherent Verdi-V10 laser system.

GOVERNMENT FURNISHED PROPERTY OR INFORMATION
FAR 52.245-1 – Government Property. The following government-furnished equipment is available for contractor's performance under this contract:

- Coherent Verdi-V10 laser system

PERFORMANCE SCHEDULE
The contractor shall complete this requirement no later than two (2) weeks after receipt of purchase order.

INSPECTION AND ACCEPTANCE
The NIST technical point-of-contact (TPOC) will test the equipment to verify working operations.

PLACE OF PERFORMANCE
All work shall be accomplished at NIST, Boulder, Colorado. For safety considerations, all work shall be accomplished during normal duty hours: Monday - Friday, 8:30 a.m. to 5:00 p.m. with the exception of Federal holidays or when the NIST Boulder campus is closed due to funding, weather, or other unforeseen circumstances.

SECURITY

The contractor shall ensure that all precautions are taken to ensure the safety and security of all NIST personnel, research programs, facilities, property, data, records, and ensure that all materials are not jeopardized during the performance of this service. The contractor shall be required to obtain a contractor's identification badge, allowing access to the NIST facility. An escort shall be required for the contractor at all times.