



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 & Frequency Division of the Physical Measurement Laboratory at the National Institute of Standards and Technology (NIST) 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 by Coherent, Inc.

DELIVERABLES

The contractor shall provide one (1) diode pump module for NIST's preexisting Coherent Verdi-V10 laser system.

TECHNICAL SPECIFICATIONS

Replacement of failed diode pump module within an existing Coherent Verdi-V10 laser system – Part number 1130054 – FAP-I Kit. On site installation by manufacturer's representative.

TECHNICAL CONSIDERATIONS

The diode pump module must be fully compatible with our Verdi-V10 laser system.

GOVERNMENT FURNISHED PROPERTY OR INFORMATION

All equipment provided by the Government in the performance of this contract remains the property of the Government and shall be surrendered to the Government upon completion or termination of this requirement. The contractor shall maintain responsibility for all GFP in accordance with FAR 52.245-1 – Government Property. The following government-furnished equipment is available for contractor use 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 through Friday, 8:30 a.m. to 5:00 p.m.

with the exception of Federal holidays and 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 materials are not jeopardized during performance of these services. The contractor shall be required to obtain a contractor identification badge allowing access to the NIST facility. An escort shall be required for the contractor at all times.

National Institute of Standards and Technology
Acquisition Management Division
Sources Sought for Commercial Service Purchase

The National Institute of Standards & Technology (NIST) seeks information on vendors that are capable of providing onsite replacement of a failed diode pump module within an NIST preexisting Coherent Verdi-V10 laser system.

This announcement is not a Request for Quotations (RFQ) and does not commit the Government to award a contract now or in the future. No solicitation is available at this time. The purpose of this synopsis is to identify organizations with the requisite qualifications to meet the requirements of the service stated herein. After results of this market research are obtained, analyzed and compared with NIST's minimum requirement(s), NIST may conduct a competitive procurement and subsequently award a contract.

If at least two qualified small businesses are identified during this market research stage, then this acquisition may be solicited as a small business set aside. NIST is seeking responses from all responsible sources, including large and small businesses (SB, SDB, WOSB, HUB-Zone, SDVOSB and VOSB). This requirement is assigned a NAICS code of 811219. The specific purpose of this Sources Sought Announcement is to determine if there are any small businesses, within the parameters identified above that are capable of providing the product identified.

Interested organizations that believe they are capable of meeting the requirement(s) should submit electronic copies of their capability statement. Please limit responses to five (5) pages or less. Responses should include the following information:

1. Name of company that will provide product.
2. Name of company that will manufacture the product.
3. Spec sheets and examples of products that meet the specifications (e.g., past performance record).
4. Typical lead time to deliver the product after receipt of order.
5. Any other relevant information that is not listed above which the Government should consider in developing our minimum specifications and finalizing our market research.

Any proprietary information should be clearly identified. The written capability statement should be received by the Contract Specialist no later than 03:00 pm MST Friday, June 17, 2016. The capability statement shall identify the business socioeconomic status of the organization.

Only electronic statements will be accepted. Faxes will not be accepted. Send to Marc Zurasky, Contract Specialist, at marc.zurasky@nist.gov. Direct all questions to this e-mail.