ACTION CODE: <NOI>
CLASSIFICATION CODE AND TITLE: 66-equipment
SUBJECT: Rate Stabilizer
REFERENCE NUMBER: NB646030-16-01647
RESPONSE DATE: 14 Mar 2016
CONTACT POINTS (WITH PHONE NUMBERS):
Janice Moten, 301/975-6307 (Janice.moten@nist.gov) Randy Schroyer, 301/975-6314 (randy.schroyer@nist.gov)

DESCRIPTION:
The National Institute of Standards and Technology (NIST) intends to negotiate on a sole source basis under the authority of FAR 13.106-1(b)(1) Soliciting from a single source, with Menlo Systems, Newton, NJ for the purpose of acquiring Repetition Rate Stabilization Electronics.

NIST plans to develop a narrow linewidth continuous wave laser by phase locking the laser to a stabilized optical frequency comb from Menlo Systems. The NIST-owned, commercial optical frequency comb operates in the mid-infrared at a wavelength of 4530 nm. In order to stabilize the comb, NIST requires repetition rate stabilization electronics specifically designed to interface with a Menlo Systems Mid-IR Comb. Using the electronics and the subsequent stabilized comb, NIST can calibrate the frequency axis of various ultrasensitive mid-infrared laser experiments, including our optical sensor for radiocarbon dioxide in nature abundance.

A purchase order to acquire unit will be negotiated and issued on or about March 16, 2016.

No solicitation package will be issued. This notice is not a request for competitive quotations; however, interested parties may identify their interest and capability to respond to the requirement. Inquiries will only be accepted via e-mail to janice.moten@nist.gov. The government will consider responses received by 12:00PM, EST, 14 Mar 2016. Written responses to this synopsis shall contain sufficient documentation to establish a bona fide capability to fulfill the requirement. A determination by the Government not to compete this proposed requirement based upon responses to this notice is solely within the discretion of the Government. Information received will normally be considered solely for the purpose of determining whether to conduct a competitive procurement in the future. This Notice of Intent is
not a Request for Quotation (RFQ) nor is it a request for competition. No telephone requests will be honored.
The North American Industrial Classification System (NAICS) code for this acquisition is 334516 and the size standard is 500 employees.

Prepared by: _______________________