

Pre-solicitation Notice: [N00014-17-R-SS11](#)

Description: NOTICE OF INTENT TO AWARD A SOLE SOURCE

The Office of Naval Research (ONR) intends to issue an Indefinite Delivery, Indefinite Quantity (IDIQ) contract award to a single source under the authority of FAR 6.302-1(a)(2)(iii), Only One Responsible Source and No Other Supplies or Services will Satisfy Agency Requirements, on or about 15 September 2017 to the Special Purpose Processor Development Group (SPPDG) at Mayo Clinic, Rochester, MN. The period of performance for this contract will be for 60 months.

The contractor shall execute research initiatives that result in knowledge products and prototype technology in support of efforts to enhance performance of Sailors and Marines. In this IDIQ contract, SPPDG will: 1) develop predictive physiological models and algorithms of various environmental stressors, 2) develop advanced imaging technology using magnetic resonance to support predictive model development, 3) design and fabricate miniaturized low powered electronics to include, but not limited to: wearable and handheld biomedical devices, physiological sensors and tagging, tracking and location (TTL) systems, 4) design and fabricate high speed encrypted communication and high performance computing systems, electronic devices supporting wireless communication and design of application-specific integrated circuits (ASIC).

The SPPDG at Mayo Clinic is uniquely qualified for this acquisition that requires performance by an entity with deep expertise in very specialized fields, with complete non-competitive nature and the ability to work at all classification levels. The SPPDG is uniquely qualified to perform this effort because it is the only entity with recognized expertise in all required research areas as stated above in high speed testing, existing state-of-art lab infrastructure with special purpose test equipment and established methods, high speed design and modeling expertise, development and fabrication of micro-electronics and key personnel with established clearances. In addition, this tasking requires the use of specialized equipment, software, and facilities (e.g., material studies, integrated circuit work, modeling and simulation, packaging fabrication, test and evaluation), which the SPPDG already has in place. Being part of Mayo Clinic, the SPPDG has full access (through appointments and collaborations) to all capabilities that are offered at the institution, which includes (but not limited to) advanced imaging capabilities, physiological modeling and medical device clinical testing. There is no other entity known that can provide all required capabilities and services required.

RFI N00014-17-RFI-0001 was posted to FedBizOps on 2 December 2016 and it closed with nine responses. The Program Officer evaluated all responses received and determined that the SPPDG at Mayo Clinic is uniquely qualified to address the Navy's requirements.

The statutory authority permitting other than full and open competition is Title 10 U.S.C. 2304(c) (1), Only one responsible source, as implemented by the Federal Acquisition Regulation (FAR) 6.302-1 -- Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements.

The North American Industry Classification System (NAICS) code for this requirement is 541712 with the size standard of \$10M. This notice of intent is not a request for proposals or quotes; however, all responsible sources may submit a quotation and technical capabilities, which, if received within fifteen calendar days of publication of this notice, shall be considered by ONR. All responses must be submitted to the Government point of contact at the email address shown below. A determination by the Government not to open the

requirement to competition based upon the responses to this notice is solely within the discretion of the Government.

Contracting Office Address:

Department of the Navy, Office of Naval Research (ONR), ONR Code 253, 875 North Randolph Street, Arlington, VA 22203-1995.

Government Point of Contact: [Surlean Darby](#), Contracting Officer, Email: [surlean.d.darby@navy.mil](mailto:surlean.d.darby@navy.mil), Telephone: (703) 696-9257.