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Federal Business Opportunities



A -- R&D Support in the Physical, Engineering and Life Sciences

General Information

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Contracting Office Address

Department of the Navy, Office of Naval Research, Naval Research Laboratory, 4555 Overlook Ave. S.W., Washington, DC, 20375, UNITED STATES

Description

The Naval Research Laboratory has a requirement for Research and Development (R&D) support in the Physical, Engineering, and Life Sciences. Task 1 - Energetic Materials Development and Characterization - involves high-energy materials for applications in pyrophorics, explosives, infrared countermeasures and specialty fuels and propellants. Emphasis is on development, characterization and integration of these materials into applications. Development of diagnostics

and computational tools to determine the structural and thermodynamical properties, chemical reactivity, and optical properties of energetic materials will be required. Task 2 - R&D Support of MTADS and Related UXO Detection Technologies - involves the continuing development of buried Unexploded Ordnance (UXO) detection technologies. Laboratory support for development and evaluation of new detection sensors, analytical algorithms, and navigation technologies will be required, as will their integration into new geophysical investigation platform concepts. Integration requires field shakedown studies and extended field demonstrations that will be logistically supported under this task. Task 3 - R&D Support of Surface, Materials and Nano Science and Engineering Studies - involves a range of surface and electro chemistry, materials science, and nanoscience and technology issues from the characterization and modification of materials to engineering sensors and devices. The studies require developing, operating and maintaining laboratory instruments, preparing and modeling materials and their properties, and developing micro/nano sensors and other devices. Studies of marine corrosion and related phenomena and their relation to fatigue, fracture, and failure require research and engineering support for laboratory and field studies. Task 4 - Development of Physical, Chemical and Biological Detection Systems for DoD and Dual-Use Applications - requires laboratory research and field engineering support for development and evaluation of chemical and biological systems and diagnostics and their integration into specific applications. Emphasis is on developing chemical and biological sensors for detection, identification and quantification of single-component and/or mixtures of analytes such as drugs of abuse, explosives, smoke/fire, pollutants and other environmental contaminants, pathogenic organisms, chemical/biological warfare agents, and other analytes. Computational and computer support of the R&D efforts from data analysis to information technology is also required.

A Cost Plus Fixed Fee (CPFF) type of contract is contemplated. The anticipated period of performance will be 12 months for the base contract with 4 options. Each option, if exercised, shall have a period of performance of 12 months. The anticipated level of effort (LOE) is 60,000 hours for the base contract and 60,000 hours for each option, if exercised. The incumbent contractor is NOVA Research, Inc. 1900 Elkin Street, Suite 230, Alexandria, VA 22308. The solicitation will close approximately 30 days after issuance of the Request For Proposal (RFP). A detailed solicitation and Statement of Work will be posted on NRL's website at <http://heron.nrl.navy.mil/contracts/listrfp.htm>. The proposed contract is 100 percent set aside for small business concerns.

NRL utilizes Electronic Commerce (EC) to issue RFPs and amendments to RFPs. This solicitation and any amendments will be available via the Internet at the URL address cited above. Paper copies of the RFP will not be provided. All EIT supplies and services provided under any resultant contract must comply with the applicable accessibility standards issued by the Architectural and Transportation Barriers Compliance Board at 36 CFR part 1194 (see FAR Subpart 39.2). Any resultant contract will be DO rated under the Defense Priorities and Allocations System (DPAS). An original and 2 copies of the offerors proposal shall be received on or before the response date and time noted in the RFP. The package should be marked with the solicitation number, due date and time. The U.S. postal Service continues to irradiate letters, flats, Express and Priority Mail with stamps for postage and other packages with stamps for postage destined to government agencies in ZIP Code ranges 202 through 205. Due to potential delays in receiving mail, offerors are encouraged to use alternatives to mail when submitting proposals. All responsible sources may submit a bid, proposal, or quotation which shall be considered by the agency. Other business opportunities for NRL are available at our website <http://heron.nrl.navy.mil/contracts/listrfp.htm>. See Numbered Notes 1 and 26.

Point of Contact

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Place of Performance

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