



A -- RESEARCH SUPPORT IN THE AREAS OF RADIATION AND ACCELERATION PHYSICS

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 (NRL) has a requirement for Research Support in the areas of Radiation and Acceleration Physics. Specific research areas include intense, high power and pulsed laser propagation in gases and plasmas, nonlinear optics, laser-induced ionization, free-electron sources of radiation, novel x-ray sources, high-gradient accelerators, electron and ion beam transport, high power microwave sources, and microwave interaction with materials. Laser applications of interest include remote sensing and detection of nuclear materials and weapons of mass destruction, pollutants and hazardous materials, ultra fast imaging, high gradient electron accelerators, directed energy weapons, laser-triggered electrical discharges, and plasma-based optical elements. High power microwave applications of interest include the production, bonding, and sintering of ceramics and other advanced materials, microwave sources for high gradient accelerators, and power beaming. The research entails the use of analytical, numerical, and experimental facilities. Specific task areas include (1) intense laser propagation in the atmosphere, (2) high gradient laser-driven acceleration, (3) fundamental plasma and optical processes, (4) electron beam driven radiation sources, (5) high power microwave sources and applications, (6) facility construction, operation, and maintenance, and, (7) office automation support.

A detailed Statement of Work will be included in the solicitation when issued. A Cost Plus Fixed Fee (CPFF) type contract is anticipated. The period of performance for this effort will be a base year of twelve months, with four one-year options. The anticipated level of effort is 9,800 hours for the base year and 9,800 hours for each option, if exercised. The incumbent contractor is Icarus Research, Inc, 7113 Exfair Road, Bethesda, MD 20814. NRL uses Electronic Commerce (EC) to issue Requests for Proposals (RFPs) and amendments to RFPs. Paper copies of the RFP will not be provided.

This is a 100 percent Small-Business Set-Aside.

Any resultant contract will be DO Rated under the Defense Priorities and Allocations System (DPAS). An original and two 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 the ZIP Code ranges 202 through 205. Due to potential delays in receiving mail, offerors are encouraged to use alternatives to mail when submitting proposals. This solicitation and other business opportunities for NRL are available at our website <http://heron.nrl.navy.mil/contracts/rfplist.htm>. See Numbered Notes 1 and 26.

Point of Contact

Jerry Riles, Contract Specialist, Phone 202-767-0667, Fax 202-767-6197, Email jerry.riles@nrl.navy.mil

Place of Performance

Address: 4555 Overlook Ave, SW Washington, DC
Postal Code: 20375-5320

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