



A -- Research Development and Engineering Services in the Field of Pulsed Power Plasma 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

Description

The Naval Research Laboratory (NRL) has a requirement for Research Development and Engineering services in the areas of advanced pulsed power development, plasma radiation sources, intense electron- and ion-beam applications, and electromagnetic launchers. Research work will involve both experimental and theoretical efforts, which will require on-site experimental and theoretical expertise in pulsed power engineering, x-ray radiation physics, and plasma physics. Experiments will be performed on existing pulsed power drives at the NRL including Mercury, Hawk, Gamble II, NRL's electromagnetic launcher facility, small-scale test stands, and any new pulsed power drivers built during the performance period of this contract. The research nature under this contract requires work in the design, fabrication, and fielding of experimental apparatus and diagnostics, as well as, the capability to operate pulsed power

generators and to analyze and theoretically model experimental results. A detailed statement of work and the minimum personnel qualifications will be issued with the solicitation.

The expected period of performance is for 12 months with four (4) 12-month option periods, which will consist largely of on-site support at the Naval Research Laboratory, Washington, D.C. The contractor shall provide, on a level-of-effort basis, nineteen thousand five hundred and four (19,504) hours of scientific, technical, and engineering support for the base award; twenty-three thousand one hundred and eighty seven (23,187) hours for option I, if exercised; twenty-six thousand four hundred and ninety six (26,496) hours for option II, if exercised; thirty thousand one hundred and seventy six (30,176) hours for option III, if exercised; and thirty-three thousand one hundred and twenty (33,120) hours for Option IV, if exercised. All personnel must be eligible for a Secret level security clearance. The Government anticipates an award of a Cost Plus Fixed Fee (CPFF) term type contract.

The current contract, N00173-01-C-2042, was awarded to Titan Corporation, formally Jaycor, Inc., on July 3, 2001 in the amount of \$4,585,645.00.

It is anticipated that only one award will result from this procurement. NRL uses Electronic Commerce (EC) to issue Requests for Proposals (RFPs) and amendments to RFPs. Paper copies of the RFP will not be provided. All responsible sources may submit a proposal, which will be considered by the agency. This solicitation and other business opportunities for NRL are available at our website <http://heron.nrl.navy.mil/contracts/listrfp.htm>. The actual closing date for proposals will be stated in the solicitation when issued. See Numbered Note(s) 26.

Point of Contact

Mary Sandy, Contract Specialist, Phone 202-767-2021, Fax 202-767-6197, Email mary.sandy@nrl.navy.mil

Place of Performance

Address: Naval Research Laboratory 4555 Overlook, AVE., S.W. Washington, DC
Postal Code: 20375-5326

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