



## DILATOMETER

**Solicitation Number: N00173-08-R-JR04**

Agency: Department of the Navy

Office: Office of Naval Research

Location: Naval Research Laboratory

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**Notice Type:**

Combined Synopsis/Solicitation

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N/A

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**Classification Code:**

66 -- Instruments & laboratory equipment

**NAICS Code:**

334 -- Computer and Electronic Product Manufacturing/334516 -- Analytical Laboratory Instrument Manufacturing

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**Synopsis:**

Added: Jun 19, 2008 11:15 am

This is a combined synopsis/solicitation for commercial items prepared in accordance with the format in Federal Acquisition Regulations (FAR) Subpart 12.6, as supplemented with additional information included in this notice. This announcement constitutes the only solicitation; proposals are being requested and a written solicitation will not be issued. The solicitation, N00173-08-R-JR04, is issued as a Request for Proposal (RFP). The solicitation document and incorporated provisions and clauses are those in effect through FAC 2005-26 and DFARS Change Notice 20080513. The associated small business size standard is 334516. NRL has a requirement for, CLIN 0001 (Qty 1, EA): Dilatometer consisting of the following specifications:

- (a) Horizontal design Temperature ranges of room temperature to 2000 degrees C without changing furnace or set up;
- (b) Heating and cooling rates 0.01- 999K/min;
- (c) Isothermal hold times of 0-99hours;
- (d) Resolution of 0.125/1.25 nm;
- (e) Sample length adjustment range 25 mm;
- (f) Vacuum tight to 1X10 to the negative 4 mBar;
- (g) Ability to run at 1X10 to the negative 4 mBar;
- (h) Ability to run in inert atmosphere after pumping down and backfilling with desired atmosphere;
- (i) Auto-zero capability;

- (j) Motorized push rod;
- (k) Capability to estimate DTA curves over entire temperature range;
- (l) Easy disassembly and cleaning of push rod and sample carrier without need to re-calibrate;
- (m) Invar (very low thermal expansion steel alloy) LVDT mounting system;
- (n) Ability to run rate controlled sintering studies;
- (o) Software upgradeable to run thermodynamic and kinetic studies;
- (p) Display run parameters and results on computer.

CLIN 0002: (Qty 1, JO), Installation: The Contractor shall perform system installation no later than one (1) week after system delivery to NRL. Installation shall include, (i) Set-up of the Dilatometer and Computer Systems; (ii) Testing of the Dilatometer; (iii) Calibration of the Dilatometer. CLIN 0003: (Qty 1, JO), Training: The Contractor shall provide system training to designated Government personnel during or directly after system set-up/calibration. CLIN 0004: (Qty 1, SET), Documentation: The Contractor shall provide system documentation, including Operation and Maintenance manuals

Delivery and acceptance is at NRL, Washington, D.C. 20375, FOB Destination. Delivery shall be no later than fifteen (15) weeks from date of award. The provision at 52.212-1, Instructions to Offerors-Commercial, applies to this acquisition.

The provision at FAR 52.212-2, Evaluation--Commercial Items is incorporated. The Government intends to award a contract resulting from this solicitation to that responsible offeror whose offer conforming to the solicitation will be the most advantageous to the Government, price and other factors considered. The following factors shall be used to evaluate the offers: (1) Technical capability of the item offered to meet the Government's requirement, (2) Price, (3) Past Performance. Technical and Past Performance, when combined, are significantly more important than price.

Offeror must complete the following electronic annual representations and certifications via the Online Representations and Certifications Application (ORCA) at <http://orca.bpn.gov> in conjunction with required registration in the Central Contractor Registration (CCR) database.: FAR 52.212-3 Offeror Representations and Certifications--Commercial Items and DFARS 252.212-7000 Offeror Representations and Certifications--Commercial Items. In accordance with paragraph (j) of FAR 52.212-3 if changes to the ORCA annual representations and certifications apply to this acquisition, the offeror must clearly identify the applicable paragraphs at (b) through (i) which the offeror has completed for the purpose of this solicitation only. Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on ORCA.

The clause at FAR 52.212-4, Contract Terms and Conditions-Commercial Items and FAR 52.212-5, Contract Terms and Conditions Required To Implement Statutes or Executive Orders--Commercial Items, applies to this acquisition. The additional clauses cited within this clause are applicable: 52.203-6, 52.219-4, 52.219-8, 52.219-28, 52.222-3, 52.222-19, 52.222-21, 52.222-26, 52.222-35, 52.222-36, 52.222-37, 52.222-39, 52.222-50, 52.225-13, 52.232-33. The DFARS clause at 252.212-7001, Contract Terms and Conditions Required to Implement Statutes or Executive Orders Applicable to Defense Acquisitions of Commercial Items applies to this acquisition. The additional clauses cited within this clause are applicable: 52.203-3, 252.225-7012, 252.225-2036, 252.227-7015, 252.227-7037, 252.232-7003, 252.243-7002, 252.247-7023, 252.247-7024. The following additional FAR and DFARS clauses apply: 52.204-7 Central Contractor Registration; DFARS 252.204-7004 Alternate A.; DFARS 252.211-7003 fill in none in (c)(1)(ii) and (c)(1)(iii). and DFARS 252-211-7007 fill in none ; DFAR 252.225-7002 ; DFAR 252.225-7013.

The following additional FAR clause applies: 52.215-5. Facsimile proposals are authorized and may be forwarded to the contract specialist at (202) 767-6197. In addition, proposals may be transmitted by e-mail to [jerry.riles@nrl.navy.mil](mailto:jerry.riles@nrl.navy.mil) .in either Microsoft Word or pdf format. If facsimile proposals are authorized, contracting officers may request offeror(s) to provide the complete; original signed proposal at a later date.

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). Electronic and information technology (EIT) is defined at FAR 2.101.

Any resultant contract will be DO Rated under the Defense Priorities and Allocations System (DPAS). The Contract Specialist must receive any questions concerning the RFP no later than ten (5) business days before the response date of this solicitation. An original and two (2) copies of the offeror proposal shall be received on or before the response date noted above, 3:00 P.M., local time at the NRL address above, Attn: Contracting Officer. 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 the mail when submitting proposals.

Other business opportunities for NRL are available at our website <http://heron.nrl.navy.mil/contracts/rfplist.htm>

**Contracting Office Address:**

4555 Overlook Ave. S.W.

Washington, District of Columbia 20375

**Primary Point of Contact.:**

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Contract Specialist

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**Opportunity History**

■ **Original Synopsis**

Jun 19, 2008

7:00 pm