

Vendors
Federal Business Opportunities



66 -- Ground-Based Radio Beacon Diagnostics System

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

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-KS02, is issued as a Request for Proposal (RFP). The solicitation document and incorporated provisions and clauses are those in effect through FAC 2005-23 and DFARS Change Notice 20080124. The associated small business size standard is 500. NRL has a requirement

for: CLIN 0001: The Contractor shall provide ten (10) satellite beacon receivers in accordance with the specifications; CLIN 0002: The Contractor shall provide all necessary software and documentation for the satellite beacon receivers; CLIN 0003: The Contractor shall provide a standard commercial warranty for the satellite beacon receivers. The beacon receivers shall consist of the following characteristics and specifications: (a) Input: 150 MHz (VHF), 400 MHz (UHF) and 1066 2/3 MHz (L-Band) Frequencies with (negative) 220 parts per million (ppm) to (positive) 110 ppm. Radio beacon signals for NRL CERTO or similar beacons on DMSP/F15, COSMIC, RADCAL, GFO, and future satellites such as C/NOFS and CASSIOPE (b) Receiver Noise Figure: 4.2 dB (c) Carrier Synchronization: Analog loop phase-locked to computer selected UHF or L-Band signal (d) Basedband: 50 kHz with 25-Hz bandwidth (e) Sampling: 6 channels of I and Q at VHF, UHF, and L-Band (f) Processor: VHF intensity, UHF intensity, L-Band intensity and phase relative to the lock signal provided at 50 sps (g) Processor Output: Relative Total Electron Content (TEC) ones per second, averaged over two-second blocks. VHF, UHF and S-Band S4 scintillation indices and RMS dispersive-phase fluctuations computed in 10 second blocks. Data quality flags. Satellite azimuth & elevation. Coordinates for 350-km and 110-km penetration points (h) Signal to Noise Ratio (at 50 sps): 28 to 46 dB typical for OSCAR type satellites in quiet site environment (i) Dispersive-Phase Precision (at 50 sps): 53 mrad to 580 mrad depending on elevation to satellite (j) Satellite Selection Software: Two Line Elements (TLEs) supplied by user allows the receiver to search and record signals from satellites (k) Station Operation: Automatic, Continuous and Unattended and (l) Systems Components: Receiver, Computer, Antenna Preamplifier, Cables, Connectors.

Delivery and acceptance is at NRL, Washington, D.C. 20375, FOB Destination. Delivery shall be no later than 120 days 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 Merit: The technical capability of the offeror to meet the requirement of the Government (2) Price and (3) Past Performance: Past performance will be evaluated on the basis of the quality of the work performed or supplies delivered and timeliness of performance or delivery. The evaluation will be based on the information provided in the proposal and other sources if available. The evaluation will take into account past performance information regarding predecessor companies, or subcontractors that will perform major or critical aspects of the requirement. Technical Merit 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, and 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, 252.225-7021, 252.225-7036, 252.227-7015, 252.232-7003, 252.243-7002, 252.247-7023, and 252.247-7024. The following additional FAR and DFARS clauses apply: 52.204-7 Central Contractor Registration; DFARS 252.204-7004 Alternate A.; and DFARS 252.211-7003 fill in none in (c)(1)(ii) and (c)(1)(iii).

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 five (5) business days before the response date of this solicitation. An original and one (1) copy of the offeror proposal shall be received on or before the response date noted above, 4:00 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. In addition, proposals may be transmitted by e-mail to kirsten.stanley@nrl.navy.mil in either Microsoft Word or pdf format.

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>

Point of Contact

Kirsten Stanley, Contract Specialist, Phone 202-767-3090, Fax 202-767-6197, Email kirsten.stanley@nrl.navy.mil

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