



66 -- 5MJ of Energy Storage Capacitors and Fuses

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

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, N00173-06-R- JR01, is issued as a Request for Proposal (RFP). The solicitation document and incorporated provisions and clauses are those in effect through FAC 2005-08 and DFARS Change Notice 20051220. The associated small business size standard is 334513 and 500 employees. The Naval Research Laboratory (NRL) is expanding the capabilities of its electromagnetic launcher test facility, and requires 5 megaJoules (MJ) of energy storage capacitors, and high-action fuses for the pulsed power supplies. CLIN 0001:Capacitors (Qty 40)- Shall consist of the following characteristics -(a) Capacitance: 2040uF; (b) Tolerance: plus/minus 10 percent; (c)Voltage: 11kV Rated and 12.5 kV Test; (d) Energy: 1.23E plus2 kJ; (e) Voltage: Reversal at 10 percent Rated and 60 percent Maximum; (f) Peak Current:

35 kA Rated and 53 kA Maximum; (g)CW RMS Current: 75 Amps RMS Maximum; (h)Operating Temp: No greater than 40 Degrees C and No less than minus10 degrees C; (i)Dissipation Factor: No greater than 1 percent; (j)Inductance: No greater than: 500 nH; (k)Minimal Insulation Resistance:1000 Mohm-uF; (l)Dissipation Factor: 1 percent maximum; (m)Case Terminal: 4 each 3 over 8- 16 UNC x 0.5 Deep; (n)Dimensions: Less than or equal to 13.5 x 16 X 36 inches or 343 X 406 x 914 mm; (o)Weight: Less than or equal to 309.01 lbs or 140.46 kg; (p)Welded Metal Case with 2 each 25kV low profile bushings; (q)Reliability at Rated Life: 90percent; (r) DC Design Life:1.0E plus02 hrs; (s) Electrode: 1 over 2-13 UNC-2A; CLIN 0002: Fuses (Qty: 80)- Shall have carrying action of 130,000 (1.3E5) A-A-second (Ampere-squared-seconds) with hold off voltage to exceed 11 kV, and peak current of 12.5 kA. Shall have epoxy fiberglass body fuse with metal end plates.

DOCUMENTATION: The contractor shall provide standard technical documentation against both capacitors and fuses. WARRANTY: The contractor shall provide a standard commercial warranty against all items.

DELIVERY: Delivery and acceptance is at NRL, Washington, D.C. 20375, FOB Destination. The contractor shall provide delivery as follows: (a) Capacitors shall be delivered no later than twenty two weeks after contract award. The contractor shall incrementally deliver capacitors within the twenty two week period. (b) Fuses shall be delivered twelve weeks after contract award.

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: (i) Technical capability of the item offered to meet the Government's requirement; (ii) Past Performance, inclusive of sales of same type items; and (iii) Price.

Offeror must complete and submit with its proposal, FAR 52.212-3 Offeror Representations and Certifications--Commercial Items and DFARs 252.212-7000 Offeror Representations and Certifications--Commercial Items, which are identified as B and available electronically at : <http://heron.nrl.navy.mil/contracts/repandcerts.htm> 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, 52.222-3, 52.222-19, 52.222-21, 52.222-26, 52.222-35, 52.222-36, 52.222-37, 52.222-39, 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, 252.211-7003, 252.225-7012, 252.225-7021, 252.227-7015, 252.227-7037, 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, 252.204-7004 Alternate A.. The following additional FAR clause applies: 52.214-31. Facsimile proposals are authorized and may be forwarded to the contract specialist point of contact provided below.

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 10 business days before the response date of this solicitation. An original and two copies 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. 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. 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/rfplist.htm>

Point of Contact

Jerry Riles, Contract Specialist, Phone 202-767-0667, Fax 202-767-6197, Email jerry.riles@nrl.navy.mil - Carol Parnell, Contracting Officer, Phone 202-767-2372, Fax 202-767-6197, Email carol.parnell@nrl.navy.mil

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