

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30				1. REQUISITION NUMBER	PAGE 1 OF
2. CONTRACT NUMBER NNC13QB32P	3. AWARD/EFFECTIVE DATE	4. ORDER NUMBER	5. SOLICITATION NUMBER NNC13488880Q	6. SOLICITATION ISSUE DATE 09/03/2013	
7. FOR SOLICITATION INFORMATION CALL	a. NAME Joseph Dorsey		b. TELEPHONE NUMBER (No collect calls)	8. OFFER DUE DATE/ LOCAL TIME 09/16/2013	
9. ISSUED BY NASA / Glenn Research Center Procurement Division, MS 60-1 21000 Brookpark Road Cleveland OH 44135-3127		CODE GRC	10. THIS ACQUISITION IS <input type="checkbox"/> UNRESTRICTED OR <input checked="" type="checkbox"/> SET ASIDE: 100 % FOR: <input checked="" type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> EMERGING SMALL BUSINESS NAICS: <input type="checkbox"/> HUBZONE SMALL BUSINESS SIZE STANDARD: <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS <input type="checkbox"/> 8(A)		
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input checked="" type="checkbox"/> SEE SCHEDULE	12. DISCOUNT TERMS		<input type="checkbox"/> 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)	13b. RATING	
15. DELIVER TO NASA/Glenn Research Center 2100 Brookpark Road Cleveland, OH 44135-3127		CODE GRC	16. ADMINISTERED BY NASA/Glenn Research Center 2100 Brookpark Road Cleveland, OH 44135-3127		
17a. CONTRACTOR/OFFEROR CODE	FACILITY CODE		18a. PAYMENT WILL BE MADE BY NASA/Shared Services Center Financial Management Division (FMD) Accounts Payable Bldg 1111, C Road NSSC-AccountsPayable@nasa.gov		
TELEPHONE NUMBER		18b. SUBMIT INVOICES TO ADDRESS SHOW IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM			
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER					
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES		21. QUANTITY	22. UNIT	23. UNIT PRICE
<i>(Use Reverse and/or Attach Additional Sheets as Necessary)</i>					
25. ACCOUNTING AND APPROPRIATION DATA			26. TOTAL AWARD AMOUNT (For Govt. Use Only)		
<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED			<input type="checkbox"/> ARE <input checked="" type="checkbox"/> ARE NOT ATTACHED		
<input checked="" type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED. ADDENDA <input type="checkbox"/> ARE <input checked="" type="checkbox"/> ARE NOT ATTACHED					
<input type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN _____ COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.			<input type="checkbox"/> 29. AWARD OF CONTRACT: REFERENCE _____ OFFER DATED _____ . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS: _____		
30a. SIGNATURE OF OFFEROR/CONTRACTOR			31a. UNITED STATES OF AMERICA (Signature of Contracting Officer)		
30b. NAME AND TITLE OF SIGNER (Type or Print)	30c. DATE SIGNED	31b. NAME OF CONTRACTING OFFICER (Type or print)		31c. DATE SIGNED	

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT

32a. QUANTITY IN COLUMN 21 HAS BEEN

RECEIVED
 INSPECTED
 ACCEPTED AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
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32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NO. OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NO.	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER		
<table border="1"> <tr> <td>PARTIAL</td> <td>FINAL</td> </tr> </table>	PARTIAL	FINAL				
PARTIAL	FINAL					

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NO.	40. PAID BY
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41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY (<i>Print</i>)
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE
	42b. RECEIVED AT (<i>Location</i>)
	42c. DATE REC'D (<i>YY/MM/DD</i>)
	42d. TOTAL CONTAINERS

Combination Synopsis / Solicitation NNC13488880Q
Released on 09/03/2013

This notice is a combined synopsis/solicitation for commercial items prepared in accordance with the format in FAR Subparts 13.5 and 12.6, as supplemented with additional information included in this notice. This announcement constitutes the only solicitation; offers are being requested and a written solicitation will not be issued.

This notice is being issued as a Request for Quotations (RFQ) for a Loop Stability Analysis System, Qty 1.

NASA Glenn Research Center is in need of a loop stability analysis system for lab testing purposes. The overall requirements system and associated accessories are specified below.

Qty 1

Venable Model 350c05 or equivalent.

- Shall have a frequency range of 10 uHz to 5 MHz for a sine wave, and 1 mHz to 1 MH for a square wave
- Shall have 3 isolated, floating to + 600 V peak, analyzer channels
- Shall have an amplitude of 1 mV to 10 V
- Shall have modes consisting of single frequency, sine sweep and linear sweep steps
- Shall have a log sweep of 0.1-2000 steps per decade, 10 mHz-15 MHz step
- Shall be able to dynamically adjust the output to maintain a constant input level
- Shall have a switchable 50 ohms/2 ohms output impedance
- Shall have a 600 V isolation from chassis ground
- Shall have a measurement frequency range of 10 uHz to 5 MHz
- Shall have a selectable input impedance of 50 ohms or 1 Meg ohm
- Shall have a measurement accuracy of + 0.03 dB + 0.1 dB/MHz; + 0.4 deg + 1 deg/MHz
- Shall have an input range of 10 mV to 500 Vpeak Full Scale in 11 ranges, auto-ranging
- Shall have a dynamic range of 120 dB
- Shall have a maximum input of + 500 V peak
- Shall have a maximum input withstand voltage of + 600 V peak
- Shall have an IEEE-488 interface for Windows
- Shall have a bandwidth resolution of 1-9999 cycles, 20 msec-100 Ksec time
- Shall weigh no more than 12 lbs
- Shall have dimensions not greater than 17x10x3.5 inches

Qty 1

Shall include an input/output impedance measurement set:

- Output power of 293 watts into 4 ohms
- Power amplifier output voltage of 34.2 Vrms into 4 ohms
- Secondary of transformer output voltage of 16.5 Vrms into 1 ohm

- 100 amps direct current through transformer without core saturation

Qty 1

Shall include an automatic RLC measurement package for evaluation of components including compensated capacitor values, Equivalent Series Resistance, and Equivalent Series Inductance

Qty 1

Shall include calibration certification to MIL-STD-45662A, ISO9002, ANSI/NCSI 7 540-1 and NIST or NPL standards

The provisions and clauses in the RFQ are those in effect through FAC 2005-69. This procurement is a total small business set-aside. See Note

The NAICS Code and the small business size standard for this procurement are 334515 and 500 respectively. The offeror shall state in their offer their size status for this procurement.

All responsible sources may submit an offer which shall be considered by the agency.

Delivery to NASA Glenn Research Center, 21000 Brookpark Road, Cleveland, OH 44135 is required within 4 weeks ARO. Delivery shall be FOB Destination.

Offers for the items(s) described above are due by 4:30pm EST, September 16, 2013 to NASA Glenn Research Center, Attn: Joseph Dorsey, via email to Joseph.C.Dorsey@nasa.gov and must include, solicitation number, proposed delivery schedule, discount/payment terms, warranty duration (if applicable), taxpayer identification number (TIN), identification of any special commercial terms, and be signed by an authorized company representative. Offerors are encouraged to use the Standard Form 1449, Solicitation/Contract/Order for Commercial Items form found at URL: <http://server-mpo.arc.nasa.gov/Services/NEFS/NEFSHome.tml>

Offerors shall provide the information required by FAR 52.212-1 (FEB 2012), Instructions to Offerors-Commercial Items, which is incorporated by reference.

If the end product(s) offered is other than domestic end product(s) as defined in the clause entitled "Buy American Act -- Supplies," the offeror shall so state and shall list the country of origin.

FAR 52.212-4 (FEB 2012), Contract Terms and Conditions-Commercial Items is applicable. Addenda to FAR 52.212-4 are as follows: 1852.215-84 Ombudsman, 1852.223-72 Safety and Health (Short Form), 1952.225-70 Export Licenses, 1852.237-73 Release of Sensitive Information.

FAR 52.212-5 (AUG 2012), Contract Terms and Conditions Required To Implement Statutes or Executive Orders-Commercial Items is applicable and the following identified clauses are incorporated by reference: FAR 52.212-5 (AUG 2012), Contract Terms and Conditions Required To Implement Statutes or Executive Orders-Commercial Items is applicable and the following identified clauses are incorporated by reference: 52.204-10 Reporting Executive Compensation and First-Subcontractor Awards, 52.209-6

Protecting the Government's Interest when Subcontracting with Contractors Debarred, Suspended or Proposed for Debarment, 52.209-10 Prohibition of Contracting with Inverted Domestic Corporations, 52.219-6 Notice of Small Business Set-Aside, 52.219-28 Post Award Small Business Program Representation, 52.222-3 Convict Labor, 52.222-19, Child Labor--Cooperation with Authorities and Remedies, 52.222-21 Prohibition of Segregated Facilities, 52.222-26 Equal Opportunity, 52.222-36, Affirmative Action for Workers with Disabilities, 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)), 52.223-18 Contractor Policy to Ban Text Messaging While Driving, 52.225-1, Buy American Act - Supplies, 52.225-13 Restrictions on Certain Foreign Purchases, 52.232-33, Payment by Electronic Funds Transfer - Central Contractor Registration.

The FAR may be obtained via the Internet at URL: <http://www.acquisition.gov/far/index.html>

The NFS may be obtained via the Internet at URL:
<http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>

All contractual and technical questions must be in writing (e-mail) to Joseph Dorsey not later than September 10, 2013. Telephone questions will not be accepted.

Selection and award will be made to that offeror whose offer will be most advantageous to the Government, with consideration given to the factors of proposed technical merit, past performance, and price. Price may be evaluated separately. This means that award will be conducted on a BEST VALUE basis. It is critical that offerors provide adequate detail to allow evaluation of their offer. (SEE FAR 52.212-1(b)).

The following factors will be used to evaluate offers:

- 1) Technical Merit – The ability of the offeror to successfully meet the required delivery schedule and the minimum specifications for all technical requirements.
- 2) Past Performance – The Government will consider information submitted by the offeror, information in the Past Performance Information Retrieval System (PPIRS) and information in the Federal Awardee Performance and Integrity Information System (FAPIIS). Information submitted by the offeror should show its relative past performance in manufacturing or supplying water coolant pumps of a similar type requested. References are appreciated.
- 3) Price / Cost – The ability of the offeror to provide a fair and reasonable price

Offerors must include completed copies of the provision at 52.212-3 (APR 2012), Offeror Representations and Certifications - Commercial Items with their offer. The provision may be obtained via the internet at URL: http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/52_000.htm . These representations and certifications will be incorporated by reference in any resultant contract.

NASA Clause 1852.215-84 (NOV 2011), Ombudsman, is applicable. The Center Ombudsman for this acquisition can be found at http://prod.nais.nasa.gov/pub/pub_library/Omb.html .

Prospective offerors shall notify this office of their intent to submit an offer. It is the offeror's responsibility to monitor the following Internet site for the release of solicitation amendments (if any): <http://prod.nais.nasa.gov/cgi-bin/eps/bizops.cgi?gr=D&pin=22> . Potential offerors will be responsible for downloading their own copy of this combination synopsis/solicitation and amendments (if any).

Any referenced notes may be viewed at the following URLs linked below.