



RF Spectrum Capture and Replay System

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Agency: Department of the Navy

Office: Office of Naval Research

Location: Naval Research Laboratory/Supply

Notice Type:

Presolicitation

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Classification Code:

58 -- Communication, detection, & coherent radiation equipment

NAICS Code:

334 -- Computer and Electronic Product Manufacturing/334220 -- Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing

Synopsis:

Added: Feb 24, 2014 2:22 pm

The Naval Research Laboratory has a requirement for 1 each Single channel RF spectrum recorder: 40MHz BW with I and Q LVDS inputs - Compatible with Tek RSA6120A data format - Data rate: 100 MB/sec per connector - Control software and user documentation - Upgradeable to 160 MHz record BW - Power supply: 120 AC, 50/60 Hz Model No: IQC5040A, 1 each 0.5 TB SSD internal memory of Item No. 1 Upgradeable to 2.0 TB Model No: IQC5000A-BLD, 1 each Single channel playback module: Analog I&Q outputs, SMA-F - RF out at 2.4 GHZ - Upgradeable to 160 MHz BW Model No: IQC5000A-101, 1 each PCIe x 1 Express Card for laptop host computer with 2 meters cable Model No: IQC5000A-PC1, 1 each Signal Analysis Software: Playback captured spectrum: all or portion of the file. Model: SPECTRO-X, 1 each RF signal editor: Capable of building waveforms from selected data from line item No. 5 Model No: WC-RF-EDITOR. (Microsoft IE required). Additional specifications and opening and closing dates will appear in the RFQ. The proposed contract is 100% set aside for small business concerns. Copies of issued solicitations can only be obtained by downloading them from the Supply and Information Services Division website <http://supply.nrl.navy.mil>. This requirement will be available for downloading the 16th day after publication of this synopsis. Prior to this date you will not be able to access this solicitation.

Note: All offerors will be ineligible for award unless they have registered in the System for Award Management 1.01 (SAM) database. Information on SAM registration and annual confirmation requirements can be obtained via

Internet at [Http://www.sam.gov](http://www.sam.gov) or by calling the Service Desk: US Calls: 866-606-8220 and International Calls: 334-206-7828 and DSN: 809-463-3376.

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Opportunity History

■ **Original Synopsis**

Feb 24, 2014

2:22 pm