



DEPARTMENT OF THE NAVY
 NAVSUP FLEET LOGISTICS CENTER PEARL HARBOR
 1942 GAFFNEY STREET, SUITE 100
 JBPHH, HI 96860-4549

IN REPLY REFER TO
J&A 2015-023

JUSTIFICATION AND APPROVAL
 FOR USE OF SOLE SOURCE

1. IDENTIFICATION OF AGENCY AND CONTRACTING ACTIVITY: *This is an acquisition for hardware, software and equipment procurement, test, integration and training on spectrum monitoring and direction finding equipment and software. Fleet Logistics Center Pearl Harbor Regional Contracting Department will be the contracting activity.*

2. Description of the Action Being Approved: Award of a contract on a sole source basis. This acquisition is conducted under the authority of 10 U.S.C. 2304(c). Hardware, software and equipment are unique and are available from only one source, Rohde & Schwarz, 6821 Benjamin Franklin Drive, Columbia MD 21046.

3. Description of Supplies/Services: This acquisition is to procure hardware, software and equipment to upgrade the existing ARGUS Direction Finding (DF) system currently being used for Headquarters, U.S. Pacific Command, in monitoring, locating and resolving electromagnetic interference. In addition, the ARGUS command and control software will be upgraded from the existing 4.0 version to the latest release, ARGUS 6.0. Required items will integrate to the existing Rohde and Schwarz America (R&S) DF system, existing antennas, coaxial and control cables, and power supply unit and will remain attached to the infrastructure. R&S spectrum monitoring and direction finding equipment and antenna unit are located on Camp Smith, Hawaii.

The updated Spectrum Monitor, Direction Finder (DF) and software upgrade will allow enhanced spectrum monitoring of effected signal up to 6 gigahertz. The DF unit will provide location bearing to assist with identifying and resolving radio frequency interference. The required hardware, software and equipment are as follows:

R&S - Hardware			
QTY	Part	Part Number	Description
1	DDF205	4073.0006.03	Compact direction finder and wideband receiver

1	DDF505-FE	4072.9300.03	SHF frequency range extension for DDF205
1	DDF205-PS	4072.9200.03	Panorama scan for DDF205
1	ZZA-T02	1109.4164.00	R&S®EB500 in a 19" rack
1	ADD075	4069.6603.02	UHF/SHF DF antenna for single - channel DF systems
1	ADD07XZB	4069.7300.02	Antenna adapter for ADD075
1	ADD07XZT	4069.7200.02	Antenna adapter for ADD075
R&S - Software PC			
QTY	Manufacturer	Part number	Description
1	ARGUS	3046.8603.02	Basic module of monitoring software R&S ARGUS
1	ARGUS	3046.8603.30	R&S ARGUS Audio Recording and Replay
1	ARGUS	3046.8603.10	R&S ARGUS Automatic Measurement Mode
1	ARGUS	3046.8603.11	R&S ARGUS Location Measurement Mode DF Location
1	ARGUS	3046.8603.15	R&S ARGUS Interactive Measurement Mode
1	ARGUS	3046.8603.25	R&S ARGUS Evaluation Module
1	ARGUS	3046.8603.18	R&S ARGUS Synchronous Measurement Mode
1	ARGUS	3046.8603.41	R&S ARGUS Data Exchange Interface
1	ARGUS	3046.8603.60	R&S ARGUS Device Driver for class DF.
1	ARGUS	3046.8603.50	R&S ARGUS Device Driver for class Receiver.
1	MAPVIEW	4046.1205.02	Geographic Information Software (GIS) MapView.

The new DF unit will replace, plug and play in the existing system. The contractor will provide new ARGUS software to work with existing fiber optic modem and DF unit for turnkey operations.

FY15 O&M(Navy) funding is available for this procurement. Estimated dollar value is

4. Statutory Authority Permitting SOLE SOURCE: 41 USC 1901(e)(2) - a sole source acquisition under the authority of the test program for certain commercial items, as implemented by FAR 13.501(a).

5. Rationale Justifying Use of Cited Statutory Authority: Authority cited for sole source justification is due to supplies being deemed to be available from only one or a limited number

of sources (FAR 6.302-1(b)(ii)). This procurement requires genuine Rohde and Schwarz America (R&S) manufactured parts purchased from an authorized R&S retailer and fully supportable by R&S retailer. The entire system is proprietary and the manufactured items must integrate completely and naturally into USPACOM's existing/remaining R&S direction finding system (DF), antennas, coaxial and control cables and power supply. Non-R&S components will be totally incompatible with the existing R&S system. As such, the usage of non-R&S components would entail the procurement and installation of a completely new direction finding system, resulting in additional cost and requiring a total changeout of the command and control infrastructure. There would be an unacceptable lapse in monitoring electromagnetic interference during the ramp-up process for the new system. Only genuine Rohde and Schwarz America brand components can guarantee system integrity to maintain uninterrupted service. To replace the entire system would cost an estimated in parts, installation and user training. Using R&S components with the existing system provides at least \$.00 in cost savings.

6. Description of Efforts Made to Solicit Offers from as Many Offerors as Practicable. Following extensive market research by USPACOM technical experts and the contracting activity it was determined that due to the need for both consistency and compatibility with the existing DF system, fulfilling this requirement through Rohde & Schwarz, the sole source manufacturer of ARGUS products, is in the best interest of the government.

7. Determination of Fair and Reasonable Cost. The Contracting Officer has determined the anticipated cost to the Government of the supplies covered by this J&A will be fair and reasonable.

8. Actions to Remove Barriers to Future Competition: For the reasons set forth in Paragraph 5, the Fleet Logistics Center Pearl Harbor Regional Contracting Dept. has no plans at this time to compete future contacts for the types of supplies covered by this document. If another potential source emerges, the Fleet Logistics Center Pearl Harbor Regional Contracting Dept. will assess whether competition for future requirements is feasible.

9. CONTRACTING POINT OF CONTACT: Fleet Logistics Center Pearl Harbor Regional Contracting Dept., Patricia Murakami, Code 203, 808-473-7901, patricia.murakami@navy.mil.

CERTIFICATIONS AND APPROVAL

TECHNICAL/REQUIREMENTS CERTIFICATION

I certify that the facts and representations under my cognizance which are included in this Justification and its supporting acquisition planning documents, except as noted herein, are complete and accurate to the best of my knowledge and belief.

Technical Cognizance:

Signature	Name (Printed)	Phone No.	Date
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Requirements Cognizance:

Signature	Name (Printed)	Phone No.	Date
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(If a single individual has cognizance over both technical and requirements information included in the J&A/LSJ, use of only one signature line is encouraged ["Technical Cognizance:" and Requirements Cognizance:" may also be deleted]).

LEGAL SUFFICIENCY REVIEW

I have determined this Justification is legally sufficient.

Signature	Jan Whitacre	(808) 473-7560
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CONTRACTING OFFICER CERTIFICATION

I certify that this Justification is accurate and complete to the best of my knowledge and belief. To the extent that the J&A/LSJ value is between \$150K and \$650K, the Contracting Officer's signature below also represents approval of the J&A/LSJ.

Signature	Elaine Carmody	(808) 473-7531 Phone No.
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CONTRACTING ACTIVITY COMPETITION ADVOCATE REVIEW

To the extent that the J&A/LSJ value is between \$650K and \$12.5M, the Competition Advocate's signature below also represents approval of the J&A/LSJ.

Signature	Name (Printed)	Phone No.	Date
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See next page for Approval blocks for requirements in excess of \$12.5M.