



DEPARTMENT OF THE NAVY

NAVAL SURFACE WARFARE CENTER
DAHLGREN DIVISION
6149 WELSH ROAD, SUITE 203
DAHLGREN, VIRGINIA 22448-5117

IN REPLY REFER TO

J&A #DL13047
CXS13-14
N00178-11-R-3021

JUSTIFICATION AND APPROVAL FOR USE OF OTHER THAN FULL AND OPEN COMPETITION

JUSTIFICATION

1. Contractive Activity

The Naval Surface Warfare Center Dahlgren Division (NSWCDD), Contracts Division, Code CXS13.

2. Description of the Action Being Approved

Award of a cost-plus-fixed-fee contract on a sole source basis in support of the Joint Airborne SIGINT Architecture (JASA) modification (JMOD) Common Support Equipment and the Story Finder (Finder V2) System. The award will be made to Aeronix, Inc., 1775 Hibiscus Blvd., Melbourne, FL.

3. Description of Supplies/Services

The requirement provides for support and sustainment of the JMOD Common Support Equipment and the Story Finder (Finder V2) System, a multi-band airborne system which detects, tracks and identifies pulsed RF and IF signals. The Story Finder System is installed onboard Navy EP3 aircraft and is an integral component of its mission capability. The contractor shall provide engineering and technical services to include Finder Server Receiver (FSR) Technology Refresh. Under this Technology Refresh, the contractor shall evaluate and upgrade the FSRs, perform integration and testing, and provide space for a Story Finder test lab to test and troubleshoot operational systems and subsystems enabling the system to run in a classified configuration. The estimated value of the three-year contract is \$7,602,130 and will utilize RDT&E, APN, and OMN funds for Fiscal Year 2011 through Fiscal Year 2014 as indicated in the schedule below:

TYPE	FY11-FY12	FY12-FY13	FY13-FY14	TOTALS
RDT&E	\$989,160.70	\$1,008,505.5 6	\$1,028,430.7 7	\$3,026,097.0 3
OMN&N	\$593,496.42	\$605,103.34	\$617,058.46	\$1,815,658.2 2
APN	\$897,115.88	\$919,897.10	\$943,361.77	\$2,760,374.7 5
TOTAL	\$2,479,773	\$2,533,506	\$2,588,851	\$7,602,130

The Government's minimum needs have been verified by the certifying technical and requirements personnel.

4. Statutory Authority Permitting Other Than Full and Open Competition

10 U.S.C. 2304(c) (1) Only one responsible source and no other supplies or services will satisfy agency requirements.

5. Rationale Justifying Use of Cited Statutory Authority

Aeronix is the original and sole manufacturer of the Story Finder System, which is a proprietary product. This system is used in the field supporting the Global War on Terror and it is imperative that the manufacturer assist in the upgrade, documentation, integration and troubleshooting of the FSR upgrades to the system. Aeronix is the only company capable of providing the Story Finder upgrades. The Story Finder System is extremely intricate in its design and has custom interfaces with other systems onboard the platform. The capability provided by the Story Finder is unique and not available from any alternative source. Currently, the Government owns all rights to the software and its source code. However, the Government has limited rights to access hardware and system design information, and is not allowed to disclose that information to another manufacturer. To date, Aeronix has decided not to grant full rights. The system was first installed on an aircraft in 1996 as a proof of concept and was accepted as a program of record with full installations starting in 2001. Since that time, there have been 27 full systems purchased by the Navy. The cost of the systems with all the major components, installation, and training is a total Navy investment of \$31.4M. The Story Finder system is installed onboard Navy EP3 aircraft. The EP3 program is expected to be retired by 2020. Between now and 2020 there will be a minimum of 12 installations with an estimated total cost of \$12M. Given the maturity of the program, the cost to develop and certify a new system with a different manufacturer would be counter-productive to the mission and the

Navy's overall investment would not be recovered through competition.

6. Description of Efforts Made to Solicit Offers from as Many Offerors as Practicable

NSWCDD's intent to solicit Aeronix, Inc. for this effort was synopsisized on 04 May 2011 via posting to Federal Business Opportunities (FEDBIZOPS) in accordance with FAR 5.2. To date, no other potential sources expressed an interest in this requirement. No additional market research was conducted as it is not practicable, for the reasons discussed in paragraph 5 above, for any company other than Aeronix to provide the required support. No other source expressed an interest in this requirement.

7. Determination of Fair and Reasonable Costs

The Contracting Officer has determined that the anticipated cost to the Government for the supplies/services covered by the J&A will be fair and reasonable.

8. Actions to Remove Barriers to Competition

For the reasons set forth in Paragraph 5, the Naval Surface Warfare Center Dahlgren Division has no plans at this time to compete future contracts for the types of supplies/services covered by this document. If another potential source emerges, the Naval Surface Warfare Center Dahlgren Division will assess whether competition for future requirements is feasible.

TECHNICAL/REQUIREMENTS CERTIFICATION (FAR 6.303-2(b))

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

COMBINED TECHNICAL AND REQUIREMENTS COGNIZANCE:

[Redacted Signature] [Redacted Name and Title] [Redacted Phone No.] [Redacted Date]
Signature Name (Print) and Title (Code) Phone No. Date

LEGAL SUFFICIENCY REVIEW (NMCARS 5206.303(90))

I have determined this justification is legally sufficient.

[Redacted Signature] [Redacted Name and Title] [Redacted Phone No.] [Redacted Date]
Signature Name (Print) and Title (Code) Phone No. Date

CONTRACTING OFFICER CERTIFICATION (FAR 6.303-2(a)(12))

I certify that this justification is accurate and complete to the best of my knowledge and belief.

[Redacted Signature] [Redacted Name and Title] [Redacted Phone No.] [Redacted Date]
Signature Name (Print) and Title (Code) Phone No. Date

APPROVAL BLOCK (FAR 6.304 for Approving Official)

Upon the basis of the above justification, I hereby approve, as NSWCCD Competition Advocate, the solicitation of the proposed procurement described herein using other than full and open competition pursuant to the authority of 10 U.S.C. 2304(c)(1).

[Redacted Signature] [Redacted Name and Title] [Redacted Date]
Signature Name (Print) Date

27 JUNE 2011

KRISTOFER E. PARKER
NSWCDD Competition Advocate