



DEPARTMENT OF THE NAVY

CRANE DIVISION
NAVAL SURFACE WARFARE CENTER
300 HIGHWAY 381
CRANE, INDIANA 47522-5000

IN REPLY REFER TO:

J&A Number: 09-047

Code: GXPM

P.R. Number: N00164-09-R-GP31

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

1. Contracting Activity.

Naval Surface Warfare Center, Crane Division (NSWC Crane)

2. Description of the Action Being Approved.

The description of the requested action is the award of a contract on a sole source basis to SCJ Electronics Manufacturing and Design for Fleet supplies in support of the TRIDENT Navigation Subsystem Sonar (NSS). Authority to act under this justification expires 31 December 2009.

3. Description of Supplies/Services.

This procurement is for two (2) electrical connectors to be supplied as Government Furnished Material (GFM) to the United Kingdom (UK) for the manufacture of underwater sonar cables used in the TRIDENT NSS for the Global Positioning System (GPS) Antenna. Specific types and quantities of connectors to be procured are as follows:

NOMENCLATURE	DWG #	QTY
Connector	04953-11784-501	30 ea
Connector	04953-11784-502	30 ea

It is anticipated that a firm-fixed-price, non-commercial contract will result from this procurement action. The total estimated value of this acquisition is \$168,000. It is anticipated that FMS funds will be used for this acquisition as shown in the table below:

Estimated Dollar Value

FUNDING TYPE	FY 09
FMS	\$168,000
Total	\$168,000

4. Statutory Authority Permitting Other Than Full and Open Competition.

10 U.S.C. 2304(c) (1), One source or limited sources and no other supplies or services will satisfy agency requirements.

5. Rationale Justifying Use of Cited Statutory Authority.

SCJ Electronics Manufacturing and Design was awarded a contract by the Strategic Systems Program's (SSP) Prime Contractor (Lockheed Martin) to develop and produce connectors for the TRIDENT NSS Program. These connectors were qualified by extensive testing including individual item (connector) testing, next level assembly (cable) testing, and operations testing at sea. The cost to conduct this qualification testing is approximately \$220K per test. It is possible that another vendor could produce the required connectors. However, if the Navy were to contract with a source other than SCJ Electronics Manufacturing and Design, NSWC Crane and the SSP Prime Contractor would be required to evaluate and test the entire TRIDENT NSS which would require a minimum of two years. This delay would make it impossible for delivery requirements to be met. In addition, based on prior qualification testing costs, another \$220K per test, or a minimum of \$990K, would be required for the qualification testing to be conducted on another vendor's connectors. SCJ Electronics Manufacturing and Design has passed all requirements and is currently qualified to build these two types of connectors required to support the TRIDENT NSS Program. It is not cost effective to qualify a new vendor due to the costs and the impacts to program schedules.

There is no NSWC Crane prior procurement history for these connectors. Prior procurements were made through Lockheed Martin, the Prime Contractor on SSP's contract for the development and manufacture of these connectors for the TRIDENT NSS Program.

These connectors will be supplied to the UK as GFM for the manufacture of the GPS Antenna of the TRIDENT NSS. The UK does not dictate or recommend from whom these connectors are to be procured. Procurements are based on approved Government drawings.

Major replenishment of critical items for the TRIDENT NSS Program is planned for FY 2009 and 2010. This procurement is a part of that major replenishment move. If this contract is not awarded to SCJ Electronics Manufacturing and Design, a company qualified to build these connectors, it will seriously

jeopardize SSBN TRIDENT Submarine Fleet readiness. If the UK SSBN TRIDENT Submarine Fleet cannot deploy per the mission requirements, the UK, in support of the United States, will be severely limited in its weapons of mass destruction deterrent capability.

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

Market research was conducted with vendors offering similar products to determine if they could meet the requirements. In addition to SCJ Electronics Manufacturing and Design, six other potential suppliers for the manufacture of these items were contacted. Five manufactures no bid and one manufacturer was deemed technically not viable for award. SCJ Electronics Manufacturing and Design provided the only acceptable bid. It is not time and cost effective to qualify a new vendor due to the rational indicated in Paragraph 5, and schedule impacts to the program; however, the proposed contract will be synopsisized on the FEDBIZOPS website in April/May 2009. Any response received will be evaluated.

7. Determination of Fair and Reasonable Cost.

The Contracting Officer has determined the anticipated cost to the Government of the supplies/services covered by this Justification and Approval will be fair and reasonable based on Government technical analysis, historical price analysis, and market pricing data for same/similar products.

8. Actions to Remove Barriers to Future Competition.

For the reasons set forth in Paragraph 5, NSWC Crane has no plans at this time to compete future contracts for the connectors covered by this document. If another potential source emerges, NSWC Crane will assess whether competition for future requirements is feasible.

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:

[Redacted]

Requirements Cognizance:

[Redacted]

LEGAL SUFFICIENCY REVIEW

I have determined this Justification is legally sufficient.

[Redacted]

CODE 0564 BRANCH MANAGER APPROVAL

Upon the basis of the above justification, I hereby approve, as Code 0564 Branch Manager, the solicitation of the proposed procurement(s) described herein using other than full and open competition, pursuant to the authority of 10 U.S.C. 2304 (c) (1).

[Redacted Signature]

S. Wikle
Name (Printed)

[Redacted]

3-25-09
Date