



DEPARTMENT OF THE NAVY
NAVAL SURFACE WARFARE CENTER
CARDEROCK DIVISION

NAVAL SHIP SYSTEMS
ENGINEERING STATION
5001 S. BROAD ST.
PHILADELPHIA, PA 19112-1403

REFER REPLY TO:

J&A Number: 3353-11-060-00
Code: 3353/JMW
RFP Number: N65540-11-R-0028

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

JUSTIFICATION

1. Contracting Activity

Naval Sea Systems Command, Naval Surface Warfare Center, Carderock Division (NSWCCD), Code 3353, Philadelphia, PA.

2. Description of Action Being Approved

This is a sole source action to be awarded without providing for full and open competition. The proposed contract action is a new Firm Fixed Price (FFP) contract to be awarded to GE Intelligent Platforms Embedded Systems, Inc., 12090 S Memorial Pkwy, Huntsville, AL 35803-3308.

3. Description of Supplies/Services

The proposed acquisition will provide for the procurement of 18 Single Board Computer Circuit Card Assemblies (SBC CCAs), 5 PMC Video CCAs, 15 PMC 100FX Transceiver CCAs, 7 VME Switches, 9 Transition Modules and Configuration Management of the Single Board Computers, Switch Routers & Network Interface Cards to be used in the assembly of the MK 41 Vertical Launching System (VLS), Next Generation 2 (NG-2) Launch Control Units (LCU).

The MK 41 VLS is a surface ship combatant missile launcher that stores and launches a variety of missile types. The LCU acts as the interface between the Weapons Control Systems (WCS) and the launcher. The duties of the LCU include selecting, preparing and launching missiles, as well as reporting hazards and faults that occur in the launcher. The equipment being procured will be installed in the LCUs.

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

The total estimated value of this acquisition is \$219,800.00 funded by FY 10 OPN type funds and FY10 FMS type funds.

4. Statutory Authority Permitting Other Than Full and Open Competition

The statutory authority permitting other than full and open competition is 10 U.S.C. 2304(c)(1), "Only One Responsible Source and No Other Supplier or Services Will Satisfy Agency Requirements," (FAR 6.302-1.)

5. Rationale Justifying Use of Cited Statutory Authority

In accordance with FAR 6.302-1(a)(2)(ii)(A)-(B), GE Intelligent Platforms Embedded Systems, Inc. is currently the only source that is qualified to produce the required Single Board Computer Circuit Card Assemblies, PMC Video CCAs, PMC 100FX Transceiver CCAs, VME Switches and Transition Modules and an award to any other source will cause a substantial duplication of cost to the Government that is not expected to be recovered through competition and would cause unacceptable delays in fulfilling the Navy's requirements.

It is estimated that the Navy would have to incur a non-recurring cost of \$1,800,000.00 in order to identify and qualify alternate sources with the capability to produce the required Single Board Computer Circuit Card Assemblies, PMC Video CCAs, PMC 100FX Transceiver CCAs, VME Switches and Transition Modules. Specifically, the Government would have to incur the costs of conducting Requirements & Functional Evaluation, Confidence Testing, Functional Testing, Environmental Qualification Testing, Configuration Management, First Article Testing and Physical Configuration Audits in order to ensure that any new sources are capable of producing a product that meets the established performance requirements. In addition, the Navy would also have to incur the cost of having the Technical Direction Agent (TDA) monitor and oversee the production line and provide Technical Data Package (TDP)/specification subject matter expertise.

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

The proposed acquisition was synopsisized in the Federal Business Opportunities (FedBizOpps) website on 17 June 2011 in accordance with FAR 5.2. While to date no responses have been obtained as a result of the synopsis notification, any responses received will be evaluated. No additional market research will be conducted since; it is not practicable, for the reasons discussed in paragraph 5 above, for any other company other than GE Intelligent Platforms Embedded Systems, Inc. to provide the required supplies/services.

7. Determination of Fair and Reasonable Costs

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

8. Actions to Remove Barriers to Competition

For the reasons set forth in paragraph 5, Naval Sea Systems Command, Naval Surface Warfare Center, Carderock Division has no plans at this time to compete future contracts for the types of supplies/services covered by this document. If any potential sources emerge, NSWCCD will assess whether competition for future requirements is feasible.

TECHNICAL AND REQUIREMENTS CERTIFICATION – FAR 6.303-2(b)

I certify that the facts and representations under my cognizance, that 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:



LEGAL SUFFICIENCY REVIEW (NMCARS 5206.303(90)):

I have determined that this justification is legally sufficient.



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

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

