



DEPARTMENT OF THE NAVY

STRATEGIC SYSTEMS PROGRAMS
2521 SOUTH CLARK STREET SUITE 1000
ARLINGTON VA 22202-3930

IN REPLY REFER TO:

J&A No. 15.488
Code: SPN103

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

1. Contracting Activity.

STRATEGIC SYSTEMS PROGRAMS (SSP)

2. Description of the Action Being Approved.

To use other than full and open competition to procure FY 2010 and FY 2011 Production and Deployed Systems Support (P&DSS) for the United States (US) and United Kingdom (UK) SSBN Fire Control System (FCS) and the US SSGN Attack Weapon Control System (AWCS), including training and support equipment from General Dynamics Advance Information Systems (GDAIS) of Pittsfield, MA. Authority to act under this Justification and Approval (J&A) expires on September 30, 2011.

3. Description of Supplies/Services.

This CJ&A authorizes the class of contractual actions associated with the annual and other periodic procurement of support equipment and SSP Alterations necessary to sustain the SSBN FCS and the SSGN AWCS. These actions will also include engineering support, performance evaluations, logistics, fleet documentation, reliability maintenance and training. The list below identifies the products and services to be procured from GDAIS:

- a. US/UK Weapons Control System (WCS) Operational Support
- b. US/UK Weapons Control Training System (WCTS) Operational Support
- c. US/UK WCS and Navigation System Repair and Return (R&R)
- d. Mk 6 Life Extension (LE) and Master Clock Module (MCM) Development
- e. US Mk 98 Mod 6 and UK Mk 98 Mod 7 FCS Installation
- f. Engineered Refueling Overhaul Services
- g. US/UK Strategic Weapons System (SWS) Training Unique
- h. AWCS Training Unique
- i. US Mk 98 Mod 6 and UK Mk 98 Mod 7 FCS Updates
- j. Mk 1 Mod 0 AWCS Updates
- k. AWCS Production and Installation
- l. Auxiliary Systems (AS) Refresh
- m. D5 LE Development
- n. US/UK Shipboard Data System (SDS) Production and Installation
- o. US Mk 98 Mod 8 Production
- p. US Detonator Relay Board (DRB), Detonator Power Assembly (DPA), and Variable Energy Eject Panel (VEEP) Development and Production

Estimated Dollar Value

	FY 2010	FY 2011	Total
O&MN	\$33,700,000	\$36,000,000	\$69,700,000
OPN	\$30,000,000	\$50,200,000	\$80,200,000
WPN	\$2,800,000	\$2,400,000	\$5,200,000
UK*	\$10,200,000	\$12,600,000	\$22,800,000
Total	\$76,700,000	\$101,200,000	\$177,900,000

*In accordance with 10 U.S.C. 2304(f)(2)(E), a separate UK J&A is not required. UK amounts are listed for informational purposes only. See attached memorandum for further information.

The contracts will contain provisions for certain line items, which may allow for an increase in the level of effort up to, but not exceeding, thirty percent (30%).

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.

The contracts will be for effort related solely to the SSBN TRIDENT II (D5) Strategic Weapons System (SWS), Fire Control System (FCS), and the SSGN Attack Weapon Control System (AWCS) of which, General Dynamics Advanced Information System (GDAIS) has had the responsibility for the design, development, and documentation under prime contracts for these supplies and services with the Government. Due to the technical complexity of the programs and systems thorough knowledge of the design, production, and assembly is essential, so that the various categories of work described within the contracts are performed in a timely and cost efficient manner.

The Pittsfield facility, now operated by GDAIS, has been the location of the prime contractor for the Navy Strategic Missile Fire Control and Weapons Control Systems for over 35 years. Only GDAIS - Pittsfield possesses the facilities, detailed applied replenishment spares, and alteration kits required under the contract. Therefore, GDAIS is the only source capable of fulfilling the Government's requirements without causing unacceptable program delays and substantial increases in costs.

In selecting another contractor to perform this work, the Government would encounter substantial, unrecoverable duplication of cost. To quantify those costs, SP23/ Fire Control (FC) determined the expertise and infrastructure needed to perform the work required by using contractual work history for Trident I and Trident II. Through this

review, FC determined that selection of another source would require the Government to incur the following additional costs:

- Contractor to receive training on all processes/requirements called out in the contract. Due to the logistics and the complexity of the training material, it is expected training to take 6 months for all personnel involved in the contract. Anticipated cost: 375 people times 6 months of training - \$28M (based on Trident II training costs converted to today's dollars).
- Development of all Advanced Development Labs and Engineering Test Systems needed at the contractor facility. This includes US and UK specific labs. Anticipated cost: \$68M (based on Trident II lab cost converted to today's dollars).
- Rework of all SP23 documentation to include a new contractor. This includes, but is not limited to, all processes, requirements, specifications, methodology, and all fleet documentation. Anticipated cost: \$30M (based on cost to create Trident II documentation and converted to today's dollars).
- The development and delivery of special tooling and test equipment; qualifying of design, tooling, test equipment and production processes, by the production of qualification models, test and examinations - \$25M (based on cost of all Trident II test equipment and tooling and converted to today's dollars)..

The Total cost of qualifying another contractor for this contract is \$151M. This does not include the cost of maintaining GDAIS as a viable source until the new source is qualified.

If selected, another contractor would cause detrimental delays in the readiness of the fleet. Based on meeting the requirements above, it would take two to three years to qualify and transition to a new source. Furthermore, the Government would encounter additional costs as a result of schedule slippage during a transition. Failure to meet Fleet Ballistic Missile (FBM), Extended Refueling Operations (ERO), and SSGN schedules would result in schedule impacts to the fleet and the additional costs to purchase spares and perform repair during non-ERO times. This slippage would require ships in the fleet to be out of service for extended, unscheduled periods of time, which would adversely affect fleet readiness and national security.

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

The proposed action was synopsized on FEDBIZOPPS (www.fedbizopps.gov) on February 23, 2009, under reference number N00030-10-Q-0005. There have been no inquiries to date. If an inquiry is received in the future, it will be evaluated accordingly.

No additional market research was conducted because it is not practicable, for the reasons discussed in paragraph 5 above, for any company other than GDAIS to provide the required supplies and services.

7. Determination of Fair and Reasonable Cost.

The Contracting Officer has determined that adequate technical and pricing information is available to determine that the anticipated cost to the Government of the supplies/services 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, SSP has no plans at this time to compete future contacts for the types of supplies/services covered by this document. If another potential source emerges, SSP 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:


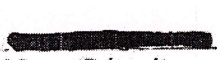


			
Signature	Name (Printed)	Phone No.	Date

Requirements Cognizance:

			
Signature	Name (Printed)	Phone No.	Date





LEGAL SUFFICIENCY REVIEW

I have determined this Justification is legally sufficient.

			
Signature	Name (Printed)	Phone No.	Date

CONTRACTING OFFICER CERTIFICATION

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

			
Signature	Name (Printed)	Phone No.	Date

SP-00 TECHNICAL AND REQUIREMENTS CERTIFICATION

I certify that the facts and representations under my cognizance, which are included in this justification and which form a basis for this justification, are complete and accurate.



Signature



Director, Strategic Systems Programs



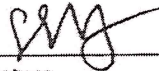
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Date

SENIOR PROCUREMENT EXECUTIVE APPROVAL

Upon the basis of the above justification, I hereby approve, as Senior Procurement Executive of the Navy, 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), One source or limited sources.



Signature

Sean Stacklev

Assistant Secretary of the Navy
Research, Development, Acquisition
(ASN-RDA)

10SEP09

Date