



DEPARTMENT OF THE NAVY

NAVAL SURFACE WARFARE CENTER
DAHLGREN DIVISION
6149 WELSH ROAD, SUITE 203
DAHLGREN, VIRGINIA 22448-5130

N REPLY REFER TO

J&A DL 13108
CXS11-12

JUSTIFICATION AND APPROVAL
FOR OTHER THAN FULL AND OPEN COMPETITION

JUSTIFICATION

1. Contracting Activity

The Naval Surface Warfare Center, Dahlgren Contracts Division.

2. Description of the Action Being Approved

This Justification is for the award of an IDIQ contract on a sole source basis. This acquisition will be negotiated with Moog, Inc., 300 Jamison Rd, East Aurora, NY 14052-1234.

3. Description of Supplies/Services

Naval Surface Warfare Center, Dahlgren Division, Weapons Control Systems Development (G84) has been tasked to supply 30mm Trainable Gun Mounts (TGM), [REDACTED]

[REDACTED] NSWCDD requires Electric Gun Control Actuator sets which control the precise motion of the gun to meet the system's performance specification. The anticipated period of performance is 3 years. The Government's minimum needs have been verified by the certifying technical and requirements personnel.

The estimated value of this contract is \$3,626,000. Funding will be provided as follow:

	FY12	FY13	FY14	Total
PDA	\$725,200	\$1,450,400	\$1,450,400	\$3,626,000

Estimated Dollar Value

4. Statutory Authority Permitting Other Than Full and Open Competition

10 U.S.C.2304 (c)(1), as implemented by FAR 6.302-1(a)(2), only one responsible source and no other supplies or services will satisfy agency requirements.

5. Rationale Justifying Use of Cited Statutory Authority

Moog, Inc. is the only company that is capable of providing the actuator and controller sets. The Fire Control software developed previously by the Government for the 30mm gun is integrated with the Moog sets. This integration required that the Government software be developed based on proprietary algorithms contained in the sets. Awarding to another contractor would require development of a completely new Gun Weapon System fire control software system.

During the duration of the [REDACTED] program an estimated 21,993 hours and \$2.4M were consumed in the development of the fire control software which is integrated into existing hardware. In addition to the cost of development, approximately \$1.92M was consumed in the testing and evaluation phase of the program. This estimate is based on actual experience with testing and certification of the 30mm gun. Using the existing software will allow the Government to use the existing hardware. By using the existing hardware, no additional cost will be incurred for testing and evaluation because the hardware equipment is already flight certified for the [REDACTED] Program.

Using a different vendor would result in having to re-architect the fire control along with re-coding the interface. This would create a 100 percent duplication of previous efforts creating additional costs to the Government of \$4.32M, if not more, due to inflationary factors.

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

The proposed contract was synopsisized via posting on the Federal Business Opportunities website on 10 January 2012 in accordance with FAR 5.2. No responses were received.

Market Research was conducted at the onset of the [REDACTED] [REDACTED] program which indicated that there are no other manufacturers of electric actuators of the size and type that are required by the [REDACTED] fire control software. More specifically, the other systems reviewed at that time lacked mechanical precision and un-tuned control systems not capable of being used by the fire control software. G84 conducts continuous market surveillance through interfacing with other Government activities and internet searches; through these activities no new sources have been identified.

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

The Government owns the Interface Control Document (ICD). Timeline prevents the program from garnering any competition changes at this time. However, with Government owning the ICD, competition could be introduced for future production buys.

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 which form a basis for this justification are complete and accurate.

Technical and Requirements Cognizance:



APPROVED FOR LEGAL SUFFICIENCY



Code Phone Date /

NSWCDD Legal Counsel for Dahlgren Laboratory

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.



Karen D. Lenox

Code Phone Date /

APPROVAL BLOCK

(FAR 6.304)

Upon the basis of the above justification, I hereby approve, as the Competition Advocate for the Procuring Activity, 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).



Code Phone Date /

NSWCDD COMPETITION ADVOCATE