



DEPARTMENT OF THE NAVY

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

IN REPLY REFER TO

DL 13055

CXS11-8

N00178-11-R-1051

JUSTIFICATION AND APPROVAL FOR OTHER THAN FULL AND OPEN COMPETITION

JUSTIFICATION

1. Contracting Activity

The Naval Sea Systems Command, Naval Surface Warfare Center, Dahlgren Division, Contracts Division.

2. Description of the Action Being Approved

Award of a firm fixed priced contract on a sole source basis for commercial hardware from Sabtech Industries Inc. 23231 La Palma Ave Yorba Linda CA 92887-4768 in support of the Battle Force Tactical Training (BFTT) system for [REDACTED] and [REDACTED].

3. Description of Supplies/Services

Sabtech Industries Inc. will provide thirty-three (33) each HAWKE/UYK-43, VME NTDS, Hawke-2P Type A/B/C/H part number HK-01101-55, thirty-three (33) each Adapter HAWKE/UYK-43, M28840, 92P part number AM-HK012-00 and fifteen (15) each Ps Card Adapter part PB-HK010-01. The required delivery date is no later than six weeks after receipt of a contract award.

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

Requisitions: 11386478, 10274608, 10315043, 10491159, 10274585, 10274596, 10274604, 10274607, 1027452, 10315112, 11386479, 10491162, 11386480 and 10491181 have been provided to fully fund this procurement in accordance with the table that follows.

JUSTIFICATION AND APPROVAL
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Estimated Dollar Value

Requisition	TYPE	FY04	FY05	FY08	FY09	FY10	FY11
11386478	(OMN)						\$142,440
10274608	(OMN)						\$60,000
10315043	(OMN)						\$60,000
10491159	(SCN)					\$38,550	
10274585	(SCN)	\$24,000					
10274596	(SCN)		\$24,000				
10274604	(SCN)			\$24,000			
10274607	(SCN)				\$24,000		
10274524	(SCN)					\$24,000	
10315112	(OPN)					\$21,320	
11386479	(OMN)						\$12,792
10491162	(SCN)					\$3,438	
11386480	(OMN)						\$2,136
10491181	(SCN)					\$573	
	Total	\$461,249					

4. Statutory Authority Permitting Other Than Full and Open Competition

This justification is based upon the authority of the Test Program for commercial items at Section 4202 of the Clinger-Cohen Act of 1986, as implemented by FAR 13.501 satisfying a requirement for unique supplies available from only one source.

5. Rationale Justifying Use of Cited Statutory Authority

This procurement is for commercial items as defined by FAR 2.101. Each item to be procured is offered for sale to the general public as well as cataloged within the Federal Supply database via National Stock Numbers (NSN).

In order to maintain compatibility with the Battle Force Tactical Training (BFTT) system already delivered to the fleet, and software under development for the fleet's upgrade, the Sabtech interface boards are required.

JUSTIFICATION AND APPROVAL
FOR OTHER THAN FULL AND OPEN COMPETITION (CONT'D)

Sabtech Industries is the Original Equipment Manufacturer (OEM) for the required parts, and does not have any authorized resellers. Although the Government possesses a performance specification for these parts, it does not possess the design drawings. Only Sabtech Industries possesses the design drawings and manufacturing processes necessary to produce these items. Sabtech Industries' manufacturing processes are proprietary, as are the design drawings.

The required components provide critical interface between the legacy MIL-STD 1397 Naval Tactical Data System (NTDS) elements of the shipboard combat system, and the Integrated Training System. The substitution of different NTDS interface cards and adapters would require a complete re-compile of the federate code in the BFTT system application software, incurring a total estimated \$1,250,000 of unbudgeted and additional cost to the Government, and would delay the program for an estimated 14 months for the development effort, in addition to an additional minimum of 4 months delay for acceptance and certification testing.

The details for the software development estimate are derived from the Constructive Cost Model II (COCOMO II), an industry recognized tool for evaluating the cost of software development projects. The labor rate assumes a loaded rate of \$92.00/hour for a software development engineer, and 173.33 labor hours in a person-month for effort (80 hours per pay period; 26 pay periods per year divided by 12 months). Additionally, the use of any other NTDS interface card, assuming one could be found, would require unbudgeted and unanticipated safety examination by the Weapon Systems Explosive Safety Review Board (WSESRB), and would require unbudgeted and unanticipated certification testing with the shipboard combat system suite at a land based test site. The estimated cost of the Acceptance Testing is \$31,039, and the Certification Testing is \$150,000. These changes would jeopardize execution of the approved Chief of Naval Operations fielding plan.

JUSTIFICATION AND APPROVAL
FOR OTHER THAN FULL AND OPEN COMPETITION (CONT'D)

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

The proposed contract was synopsised on the Federal Business Opportunities (FEDBIZOPPS) website on 28 June 2011 and only Sabtech Industries Inc. expressed an interest in this requirement. No additional market research was conducted because it is not practicable, for the reasons discussed in paragraph 5 above, for any company other than Sabtech Industries Inc. to provide the required equipment.

7. Determination of Fair and Reasonable Costs

The Contracting Officer has determined that the anticipated cost to the Government for the equipment 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, Dahlgren Contract Division has no plans at this time to compete future contracts for the type of equipment covered by this document. If another potential source emerges, Dahlgren Contract Division will assess whether competition for future requirements is feasible.

CERTIFICATIONS AND APPROVAL

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, are complete and accurate to the best of my knowledge and belief.

[REDACTED]

LEGAL SUFFICIENCY REVIEW (NMCARS 5206.303(90))

I have determined this justification is legally sufficient.

[REDACTED]

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]