



DEPARTMENT OF THE NAVY

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

IN REPLY REFER TO

CXS11-15
N00178-11-C-1025
J&A DL 13013

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

JUSTIFICATION

1. Contracting Activity

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

2. Description of the Action Being Approved

Award of a cost-plus-fixed-fee contract on a sole source basis to QinetiQ N.A., located at 350 2nd Avenue, Waltham, MA 02451-1104, for the procurement of hardware, software and engineering support for experimentation, integration and product enhancement.

3. Description of Supplies/Services

QinetiQ N.A. will provide continued hardware, software, and engineering support for experimentation, integration and product enhancement. This includes the acquisition of Air Vehicle Communications Modules (AVCM), Ground Vehicle Communications Modules (GVCM), Tactical Robotic Controllers (TRC), and command and control software that control Honeywell Block II and DDL T-Hawk Unmanned Air Vehicles (UAV), QinetiQ Talon, Modular Advanced Armed Robotic System (MAARS), Dragon Runner Unmanned Ground Vehicles (UGV), and Ground Unmanned Support Surrogate (GUSS) for the [REDACTED]

[REDACTED] The TNS2 will provide for a Tactical Robotic Controller (TRC) and an open architecture to integrate numerous types of tactical networked unmanned hand-emplaced sensors, tactical unmanned mobile ground sensors and tactical unmanned aerial vehicles.

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

The estimated dollar value of this contract is \$5,190,582. RDT&E funding will be utilized for this requirement. The below table provides a breakdown of the funding:

Funding Type	FY11	FY12	FY13	Total
RDT&E	\$1,730,194	\$1,730,194	\$1,730,194	
Total:	\$1,730,194	\$1,730,194	\$1,730,194	\$5,190,582

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

QinetiQ N.A. is the incumbent contractor for the TRC, GVCM development and multiple unmanned ground vehicles (UGV's), providing hardware, software, integration support, test and maintenance. The previous requirement was competitively solicited.

QinetiQ N.A. developed, tested and delivered TRC, integrated a MAARS UGV into the TNS2 architecture, and assisted AeroVironment, Inc. in the integration of the Raven-B and Wasp Air Vehicles into the TNS2 architecture. They also integrated the unattended ground sensor network developed for the TNS2 initiative. This effort to engineer, modify, test and deliver these capabilities is a continuation of ongoing research and development and prototype/proof of concept efforts by the USMC. The TNS2 initiative will continue integrating other existing unmanned systems into the TNS2 architecture based on a currently approved experimentation campaign plan of MCWL.

The QinetiQ MAARS robot was competitively selected to experiment with due to an existing U.S. Army safety certification on the platform. The QinetiQ Talon robot was competitively selected to experiment with due to the fact that the Talon is the Program of Record robot for EOD. The QinetiQ Dragon Runner robot was competitively selected to experiment with due to the fact that MCWL has already integrated this robot into the TNS2 architecture. Award to any other contractor would result in a

loss of current, functionally and a substantial duplication of costs and increased risks to the Government's target milestones. The duplication costs are estimated to be approximately \$2,000,000 based on the program's previous history.

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

In accordance with FAR 5.201, the proposed action was synopsisized in both the Federal Business Opportunities (FBO) and the Navy Electronic Commerce Online (NECO) as a sole source procurement. The synopsis posted on December 16, 2010. No other parties expressed an interest.

No additional market research was conducted because it is not practicable, for the reasons discussed in Paragraph 5 above, for any company other than QinetiQ N.A. to provide the required hardware, software and engineering support.

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

For the reasons set forth in Paragraph 5, the Naval Surface Warfare Center, Dahlgren Division has no plans at this time to compete future contracts for the type of supplies/services covered by this document as there is no opportunity for competition. If another potential source emerges, the Naval Surface Warfare Center, Dahlgren Division will assess whether competition for future requirements is feasible.

J&A DL#13013

TECHNICAL AND 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 accurate to the best of my knowledge and belief.

TECHNICAL/REQUIREMENTS COGNIZANCE:

[Redacted] Code [Redacted] Telephone 3 JAN 2011 Date

LEGAL SUFFICIENCY REVIEW (NMCAG 5206.303(90))

I have determined this justification is legally sufficient.

[Redacted] Code [Redacted] Telephone 5 Jan 11 Date

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] Code [Redacted] Telephone 5 Jan 11 Date

APPROVAL BLOCK (FAR 6.304 for Approving Official)

Upon the basis of the above justification, I hereby approve, as Competition Advocate for the Contracting Activity, the solicitation of the proposed procurement described herein using other than full and open competition, pursuant to the authority of 48 U.S.C. 2704 (c)(6).

[Redacted] CD1TP [Redacted] Telephone 6 JAN 11 Date
Kristopher E. Parker Code