



## DEPARTMENT OF THE NAVY

NAVAL SEA SYSTEMS COMMAND  
1333 ISAAC HULL AVENUE SE  
WASHINGTON NAVY YARD DC 20376-0001

IN REPLY TO

J&A Number: 52,032.2

Code: [REDACTED]

P.R. Number: N00024-12-MR-45018

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

#### JUSTIFICATION

1. Contracting Activity

Naval Sea Systems Command (NAVSEA) Surface Systems Contracts Division (SEA 025).

2. Description of the Action Being Approved

An increase in scope of Contract N00024-09-C-5206 to procure Fiscal Years (FY) 2012 and 2013 systems engineering services from Adaptive Methods, Incorporated (AM), Centreville, Virginia, under Small Business Innovation Research (SBIR) topic N01-127, Tactical Sonar Data Fusion. This contract extension does not require additional ceiling.

3. Description of Supplies/Services

A cost-plus-fixed-fee SBIR Phase III contract was awarded to Adaptive Methods on 3 March 2009. Adaptive Methods plays a vital role on the AN/SQQ-89 A(V)15 Advanced Capability Build (ACB) development team and provides significant value for several major efforts.

This extension will provide support for the development of the tactical sonar data fusion for AN/SQQ-89A(V), as well as significant developmental support of the Acoustic Beamforming, Record and Playback Functional Segment, Signal Processing for Advanced Processing Build Components, Torpedo Detection Classification Localization, Advanced Capability Build and Undersea Warfare Decision Support System (USW-DSS) National Sensor Fusion Framework Integration efforts. No additional ceiling is required to extend the period of performance in order to continue the efforts under contract N00024-09-C-5206.

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

**Estimated Dollar Value (\$M)**

	FY12	FY13	Totals
SCN	\$1.00	\$1.00	\$2.00
OPN	\$1.00	\$1.00	\$2.00
RDT&E	\$5.75	\$6.50	\$12.25
FMS	\$0.50	\$0.50	\$1.00
Total	\$8.25	\$9.00	\$17.25

4. Statutory Authority Permitting Other Than Full and Open Competition

10 U.S.C. 2304(c)(5). Authorized or Required by Statute (15 U.S.C. 638(r)).

5. Rationale Justifying Use of Cited Statutory Authority

In 2001, Adaptive Methods, Inc. (as Applied Hydro-Acoustics Research, Inc.) was competitively awarded a contract to perform Phase I efforts in support of SBIR Topic N01-127, Tactical Sonar Data Fusion and a Phase II award in 2002. In 2005, Adaptive Methods (as Applied Hydro-Acoustics Research, Inc.) was awarded a Phase III contract to develop and implement tactical sonar data fusion for the AN/SQQ-89(V) acoustic sensor suite, including hull and towed array sensors as well as a follow-on Phase III award in 2009.

The proposed contract action will allow for the continued use of prototype products, processes, and methodologies developed by AM to improve sonar processing technology. Procurement of FY 2012 and 2013 systems engineering services, in support of SBIR Topic N01-127, from Adaptive Methods covered by this justification is authorized by 15 U.S.C. 638(r)(1), which grants statutory authority to award a Phase III contract to the Phase II contractor "for additional work to be performed during or after the second phase period." In addition, under the SBIR program, the Government may not release or disclose SBIR data to any persons other than its support services contractors during the period commencing with contract award and ending five years after completion of the project under which data was generated. Therefore the engineering services required under this contract cannot be provided by any other source.

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

Not required per FAR 5.202(a)(7), as the anticipated award is a modification to a Phase III SBIR effort, resulting from a proposal submitted under the Small Business Innovation Development Act of 1982 (Pub. L. 97-219).

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 Sea Systems Command has no plans at this time to compete future contracts for the types of supplies/services covered by this document. If another potential source emerges, the Naval Sea Systems Command 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 acquisition planning data, including Acquisition Plan No. PEO IWS AP 5.0-06-01(FY11) REV 06 (Surface Ship Undersea Warfare Combat System), except as noted herein, are complete and accurate to the best of my knowledge and belief.

COMBINED TECHNICAL AND REQUIREMENTS COGNIZANCE:

[Redacted signature block]

Signature Name (Print) and Title (Code) Phone No. Date

LEGAL SUFFICIENCY REVIEW (NMCARS 5206.303(90))

I have determined this justification is legally sufficient.

[Redacted signature block]

Signature Name (Print) and Title (Code) Phone No. 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 signature block]

Signature Name (Print) and Title (Code) Phone No. Date

APPROVAL BLOCK (FAR 6.304 for Approving Official)

Upon the basis of the above justification, I hereby approve, as Designee of the Head of the Procuring Activity 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)(5).

DESIGNEE OF THE HEAD OF THE PROCURING ACTIVITY

[Redacted signature block]

12/21/11

(202) 781-3915  
Phone

Signature Name (Print)  
Jerome F. Punderson (SEA 02)