



DEPARTMENT OF THE NAVY  
NAVSUP FLEET LOGISTICS CENTER NORFOLK  
700 ROBBINS AVE, BLDG 2B  
PHILADELPHIA, PA 19111-5083

IN REPLY REFER TO  
270.3X ALH  
J&A Number: 16-073

((Amended COPY))  
((Refer to PG. 3 MEMO))

JUSTIFICATION AND APPROVAL  
FOR USE OF SOLE SOURCE (BRAND NAME)

1. Identification of Agency and Contracting Activity.

Requiring Activity: United States Naval Academy, CMDT of MIDN, Budget Office, Annapolis, MD 21402-5045

Contracting Activity: NAVSUP Fleet Logistics Center (NFLC) Norfolk Contracting Department, Philadelphia Office, 700 Robbins Avenue, Building 2B, Philadelphia, PA 19111-5083.

2. Description of the Action Being Approved.

The U.S. Naval Academy (USNA) has a sole source requirement that is to be awarded as a Cost Plus Fixed Fee (CPFF). The 676 class Yard Patrol craft at United States Naval Academy (USNA) are scheduled for a Service Life Extension Plan (SLEP) availability to extend their service for another 10 years. A major part of the work package is to upgrade the Navigation Suite to support Electronic Chart Data Information System (ECDIS) with an Integrated Bridge System (IBS).

In an effort to maintain the instructor, Craftmaster, and OIC safe navigation proficiency and approved curriculum, the 676 class Yard Patrol craft must be fitted with Northrop Grumman Navy ECDIS VMS (ECDIS-N) during their upcoming SLEP availability. The ECDIS-N system is IAW OPNAVINST 9420.2A and it is a Program of Record (POR) as well as installed or is scheduled for install on all surface vessels in the surface fleet.

3. Description of Supplies/Services (including the estimated value).

The proposed acquisition is to purchase sole source IBS Upgrades, Voyage Management System (VMS) Software and associated radar equipment, satellite equipment, GPS, AIS, and Speed Log equipment for the Navy 676 Class Boats.

Northrop Grumman is the only qualified contractor to provide installation of the proper equipment and software for an Integrated Bridge System for the YP-676 Class Boats at USNA. They are the only contractor that can provide a system that will incorporate the existing Voyage Management System (VMS) and the Electronic Chart Display Information System - Navy (ECDIS-N) due to sole proprietorship and item exclusivity of said VMS. The ECDIS-N is in accordance with the applicable standards promulgated to the surface fleet via OPNAVINST 9420.2A. It is the only system that can meet all performance requirements and methods of testing for Electronic Charting Display and Information Systems - Navy (ECDIS-N). The ECDIS-N has the ability to read National Geospatial-Intelligence Agency digital nautical charts in accordance with the applicable portions of OPNAVINST 9420.2A. The Northrop Grumman ECDIS-N software and hardware is already installed in the labs at USNA to support the SEANAV approved curriculum. The YP craft serve as the practical application of the navigation skills learned in the curriculum, and therefore the same Northrop Grumman software and equipment must be installed on the craft. This requirement also prepares midshipmen for active duty fleet applications while allowing the USNA to maintain the use of their approved curriculum and classrooms.

The anticipated Base period of performance for the instant acquisition is estimated to be 12 months from date of award (6 Boats). The anticipated Option period of performance is estimated to be 12 months from completion of Base year (6 Boats). The estimated dollar value is as follows:

Estimated Dollar Value

	FY 16	FY 17	FY 18	FY 19	FY 20	Total
SCN						
Total						

**4. Statutory Authority Permitting Other Than Full and Open Competition.**

The statutory authority permitting other than full and open competition is 10 U.S.C. 2304 (c)(1), as implemented by FAR 6.302-1, Only One Responsible Source and No Other Supplies or Services Will Satisfy Agency Requirements.

**5. Rationale Justifying Use of Cited Statutory Authority.**

Waterfront Readiness is a training command therefore it is necessary to maintain equipment consistency on each of the YP-676 Class Boats at USNA for overall training quality. Instructors and maintainers are subject matter experts on the Voyage Management System (VMS) and the Electronic Chart Display Information System - Navy (ECDIS-N) equipment. USNA Midshipmen will only experience a curriculum that matches what is typical of an active duty tour in the Navy fleet with the purchase of the Voyage Management System (VMS) and the Electronic Chart Display Information System - Navy (ECDIS-N), which is currently used by the active U.S. Naval Fleet.

Furthermore, the Voyage Management System (VMS) software is solely owned and installed by Northrop Grumman and currently utilized on all ships within the active Naval Fleet, thus making this a vital training tool within the USNA in preparation for active duty Fleet applications.

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

A sources-sought synopsis was posted to the Navy Electronic Commerce Online (NECO) website on 19 July 2016 and ended on 22 July 2016. No additional sources responded to the sources sought to date. In addition, market research conducted by the requiring activity and contract specialist revealed that no other entity possesses the proprietary software needed to make effective use of the existing YP-676 Class Boat systems. Market research further determined other manufacturer's products are not compatible with the US Naval Academy's existing systems due to item exclusivity. Due to reasons discussed above, purchasing any other navigational equipment would be detrimental to Midshipman training and providing proper navigational preparation for active duty application.

A synopsis will be posted to NECO IAW Far Part 15 for 15 days to determine level of interest; to follow, an RFP will be posted to NECO for additional 30 days.

**7. Determination of Fair and Reasonable Cost.**

The Contracting Officer at the NAVSUP Fleet Logistics Center Norfolk Contracting Department, Philadelphia Office will determine that the price negotiated for this acquisition is fair and reasonable.

**8. Actions to Remove Barriers to Future Competition.**

Based on the reasons set forth in Paragraph (5), NAVSUP FLC, Philadelphia Office future requirements will be handled on a case by case basis. At this time circumstances have not changed and no other sources have expressed interest in this acquisition, however, if other potential sources emerge, NAVSUP FLC, Philadelphia Office will assess whether competition for future requirements is feasible.

**9. Contracting Point of Contact**

The point of contact at NAVSUP Fleet Logistics Center (NFLC) Norfolk Contracting Department, Philadelphia is Adam Hester (Contract Specialist) (215) 697-9577, [adam.hester@navy.mil](mailto:adam.hester@navy.mil).

**MEMO:**

On October 11, 2016, during requirement conversations with Lt. Zercher from the USNA, the Contract Specialist was informed that an additional 6 boats would be completed under the exact same requirement next year. It was immediately suggested that we add an Option year to expedite the process next year. This amended J&A #16-073 changes include the following:

- A. Period of Performance was changed to include an Option year to complete the 6 additional boats.
- B. Estimated Value was changed from [REDACTED]
- C. All other terms and conditions remain the same.