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IN REPLY REFER TO:  
J&A\_11\_6187

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

1. Contracting Activity.

Naval Air Warfare Center Weapons Division (NAWC-WD) - China Lake, CA

2. Description of the Action Being Approved.

This Justification and Approval (J&A) authorizes and approves the extension of the period of performance (POP) for contract N68936-05-C-0083 through 02 March 2012 in support of the H-1 Weapons System Support Activity (WSSA), China Lake, CA.

3. Description of Supplies/Services.

This requirement is for a one-year extension to N68936-05-C-0083, the current H-1 Weapons System Support Activity (WSSA) System Configuration Set (SCS) contract. The period of performance (POP) is being extended through 2 Mar 2012 a NTE 12-month extension. There will be no corresponding increase in the contract ceiling dollar value or hours.

This extension is applicable to Contract Line Item Numbers (CLINs) 0001-0004 in support of SCS 4.0 through SCS 7.0; Option CLINs 0011 & 0012 for H-1 Acquisition Products in support of upgrades to the Software Integration Laboratory (SIL); and CLIN 0008 Data.

Contract N68936-05-C-0083 was awarded on a sole source basis to Bell Helicopter Textron Inc. (BHTI). This contract provides for upgrades for the H-1 aircraft including Foreign Military Sales (FMS) variants based on SCS life cycle phases. An SCS consists of all software and hardware required to implement new capabilities on the aircraft, including fleet documentation and updated trainers.

See Appendix A for Estimated Dollar Value

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.

BHTI is the prime H-1 aircraft manufacturer, and is the only qualified source to perform this effort to meet fleet needs. As the sole designer, developer, integrator, manufacturer, and supplier of the H-1 aircraft, BHTI is the only firm that possesses the requisite knowledge of the aircraft and its unique avionics and weapon systems. BHTI's subcontractor of the Integrated Avionics Suite (IAS) Mission Computer Operational Flight Program (OFP) is (b) 4. Under this proposed contract, SCSs will be developed and delivered as a combination of software and hardware configuration items (CIs) that are integrated into a previously deployed baseline configuration. BHTI is the only contractor capable of meeting this requirement for the following reasons:

BHTI is the prime contractor for the H-1 aircraft. As such, BHTI has the unique combination of airframe and weapons system integration knowledge needed to perform the required mission support. Only the BHTI (b) 4 team has the engineering design and software development expertise for all tactical software and integration of the avionics into the aircraft weapon system. In addition, BHTI has developed both hardware and software for avionics subsystems that are unique to the H-1 Upgrades aircraft, to include the Aircraft Wiring Interface Remote Terminal (AWIRT), Cockpit Wiring Interface Remote Terminal (CWIRT) and the Automatic Flight Control System (AFCS).

The SCSs under this contract will be developed for and installed in aircraft to be delivered under the H-1 Low Rate Initial Production (LRIP) buys and full-rate production contracts as well as retrofit into existing fleet aircraft. During the life of those contracts, PMA-276 will authorize changes, upgrades and Cost Reduction Initiatives that will affect the SCSs. Only BHTI can ensure compatibility between software and aircraft systems due to the ongoing changes, upgrades, and system enhancements that are made to production aircraft. Because the aircraft supported are production aircraft, no other contractor possesses the requisite knowledge and expertise to satisfy the WSSA's requirement.

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

In accordance with FAR 5.201(b)(1), this requirement was synopsisized via the Federal Business Opportunities website on 20 December 2010. No responses or inquiries have been received. Any future responses will be evaluated by the Contracting Officer. A formal market survey was not performed since BHTI is the only prime contractor for the H-1 aircraft.

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

In accordance with FAR 15.402(a), the Contracting Officer will determine the costs of the supplies/services covered by this J&A to be fair and reasonable prior to award. The Contracting Officer will utilize cost and price analysis based on historical data as well as input from the Defense Contract Audit Agency (DCAA) and the Defense Contract Management Agency (DCMA) as the basis for negotiating a fair and reasonable price.

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

For the reasons set forth in paragraph 5, there are no actions NAVAIR can take to allow competition for services covered by this document. To minimize the effort acquired on a non-competitive basis, NAVAIR has identified tasks that can be performed independently of the aircraft prime contractor. Some of the upgrades to the legacy aircraft, the UH-1N and AH-1W, are performed in-house by the WSSA, and by

competitively selected contractors. For example, DCS Corporation was selected under a competitive process to provide systems engineering, software development and integration and flight test engineering under N68936-11-D-0001. Booz Allen Hamilton was competitively selected under the multiple awards IDIQ Surviac contract SPO700-03-D-1380 to provide program and test data analysis and documentation. The Government will obtain rights to technical data and software developed under this proposed contract in accordance with 252.227-7013 and 252.227-7014.

Appendix A

Estimated Dollar Value In Thousands

	FY11	FY12	FY13	FY14	FY15	FY16	FY17	Total
(b) (2) High		0	0	0	0	0	0	(b) (2) High
(b) (2) High		0	0	0	0	0	0	(b) (2) High
Total	12500	0	0	0	0	0	0	\$ 12500 k