



United States Navy

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March 4, 2010

SPAWAR Awards Two CANES System Development Contracts

SAN DIEGO – The Space and Naval Warfare Systems Command announced today the awarding of two system development contracts for the Consolidated Afloat Networks and Enterprise Services (CANES) Common Computing Environment.

Lockheed Martin MS2 Tactical Systems, San Diego, was awarded a \$14,999,994 indefinite-delivery/indefinite-quantity, cost-plus incentive fee, cost-plus fixed fee and firm-fixed price contract (N0039-10-D-0027). The contract includes options which, if exercised, would bring the cumulative value of this contract to an estimated \$936,902,393. Work will be performed in San Diego and is expected to be completed by April 2011. If all options are exercised, work could continue until September 2014.

Northrop Grumman Space and Missile Systems Corp., Reston, Va., was awarded a \$17,437,358 indefinite-delivery/indefinite-quantity, cost-plus incentive fee, cost-plus fixed fee and firm-fixed price contract (N00039-10-D-0028). The contract includes options which, if exercised, would bring the cumulative value of this contract to an estimated \$775,339,532. Work will be performed in San Diego and is expected to be completed by April 2011. If all options are exercised, work could continue until September 2014.

The CANES program represents the next generation of Navy tactical networks. Its primary components are the Common Computing Environment and Afloat Core Services. CANES is the foundation for Program Executive Office C4I's synchronized fielding plan and will host more than 35 command and control; information operations; intelligence, surveillance and reconnaissance; logistics and business applications. CANES will allow application developers to focus on rapid software development around a common hardware and software infrastructure environment. In addition, the program will:

- Enable the Navy to realize significant enterprise cost savings as more communities migrate into the CANES environment.
- Support the Navy's Maritime Strategy by delivering agile, effective and knowledge superiority capabilities to the fleet.
- Eliminate legacy, standalone networks with a single, responsive information technology platform. This strategy strengthens network infrastructure, reduces hardware footprints and

- decreases overall lifecycle costs. In addition to greater capability, CANES enables reduced manpower through common hardware/software, logistics and training.
- Provide an ability to share information and possess a common understanding of the battlespace.
 - Provide a mission critical network that meets current and projected warfighter requirements for operational availability, material availability and net ready capability.
 - Provide integrated voice, video, data and system management functions to reduce shipboard workload.

The purpose of the system development effort is to award the first in a series of contracts to field a core set of highly survivable and secure network systems and services for all afloat platforms and Maritime Operations Centers. The contract strategy included release of a draft request for proposals (RFP) in November 2008 and, following resolution of extensive industry review, release of the final RFP using full and open competitive procedures in April 2009.

SPAWAR and PEO C4I are employing a multiple-phase, multiple-award competitive down-select contract strategy to reduce program risks and to maintain competition in both design development and production pricing during contract performance. These contracts were awarded to design, develop and deliver a CANES engineering development model consisting of hardware and associated operating systems, virtualization and commercial software needed in a functional network. Following system development, a down-select evaluation will be conducted to choose the best value to produce Low Rate Initial Production units, Full Rate Production units, associated provisioned items and engineering support services.

PEO C4I has addressed certification and accreditation efforts, fleet introduction preparations, early adopter installations on the Lincoln Strike Group and other afloat platforms as risk mitigation efforts and to further define requirements. All these activities are designed to maximize the potential for success of both system development teams by mitigating potential sources of risk. Down-select to a single system developer is expected in 2011.

The Afloat Core Services component for CANES will be a separately competed indefinite delivery - indefinite quantity / multiple-award engineering services contract. CANES Afloat Core Services is intended to provide users with a software infrastructure platform upon which to mix and match services and rapidly creates new services-based applications that will meet changing operational requirements.

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