

n0003007g0023nj01

4/12/2007

J -- Trident COTS NSS Simulator Eqpt

n0003007g0023nj02

4/12/2007

J -- Trident SWS NAV Familiarization Course

N0003007G0023NJ03

5/10/2007

development and implementation of I&Q Data Logging function (DLF) into NAVAIDS Console under the Trident II Program

N0003007g0023nj05

5/10/2007

NAprovide support for the coordinated development of Trainer SSIP requirements and design studies under the Trident II Program

n00030-07g0023nj06

6/18/2007

J -- NAprovide L3 IFOG test and evaluation plan and the engineering and technical support to modify, test and evaluate a L3 IFOG in accordance with that plan

N00030-07-G-0044NJ04

11/27/2007

FY 08 US/UK FBM SPARE AND SPECIAL SUPPORT EQUIPMENT

The Contractor shall provide replenishment of Spare parts, end of life items, fourth level piece parts and Special Support Equipment approved by the Government for Fire Control Systems MK 98 Mods 4/5 and 6/7, SWSMIN MK 1 Mods 1 and 2 and associated Guidance and Fire Control Support Equipment

N00030-07-G-0044NJ05

8/27/2007

MK 98 MOD 4/5 to MK 98 Mod 6/7 Software Transition and MK 98 Mod 6 942
Embedded Simulation Software formal Qualification Testing

Review and investigate all TRIDENT II FCS 942 Software Severity 2 PRs/SCRs (assumes 942 Severity 1 PRs/SCRs will be fixed in cycle) for applicability to the TRIDENT II FCS 943/843 or 944/844 evolutions. Those found to be serious enough to require implementation (or workaround) shall be implemented and cut into the TRIDENT II FCS 943 test cycle at the appropriate baseline delivery and tested or incorporated as additional maintenance in the 944 development cycle. Perform Formal Qualification Testing (FQT) and deliver the FQT Software Test Report for the Mk 98 Mod 6 FCS software US 942 ESIM Revision. This testing shall consist of independent functional and operational level testing of Training Operational requirements as identified in OD 65354, MK 98 Mod 6/7 Fire Control System to Weapon Training System Training Stimulation System Interface Requirement Specification. All efforts shall be performed in accordance with the Project Specific Program Plan, OD 65929 Volume 1, Program Plan for the Fire Control TRIDENT II FCS643/543/943/843 Revision Software, OD 63677, System Specification for the Mk 98 Mod 6/7 Fire Control System, OD 61988, SP23 Programs Environmental, Ship, Interface, Security and Safety requirements, OD 61424, Process for Design and Deployment of Hardware and Software Changes to SP23 Programs, and the T9001B checklist dated July 2005, Type: Fire Control Development column. Negotiations will be conducted with General Dynamics Advanced Information Systems (GDAIS), Pittsfield, MA..

N00030-07-G-0044NJ07

11/27/2007

MK 98 MOD 6/7 SUPPLEMENTAL PRINTER SPALT KITS

Build, inspect, test and deliver TRIDENT II MOD 6 FCS Printer SPALT Kits and Printer Ready Spares for 2 Kings Bay Trainer Kits, 1 ER ETS Kit, 1 TETS Kit (no spares shares with NSWCDD ETS), 1 Bangor Trainer Kit for the US and 1 UK Training Facility Kit, 1 UKCR Kit and 1 UKSF Kit for the UK. Build, inspect, test and deliver a Printer SPALT Kit, Printer Ready Spares and OBRPs for 5 US SSBN Kits and 3 UK SSBN Kits. Deliver a single US and a single UK Supply System Printer Spares Kit to cover all deployed printers. Update the US and UK SPALT Proposal, US and UK SPALT Documents and Installation ODs as appropriate to include the requirements for installation of the Printer SPALT as part of the Mod 6/7 SPALT. GDAIS

OBPR = On Board Repair Parts ?]

N00030-07-G-0044NJ10

11/27/2007

Fire Control Auxiliary Systems Technology Refresh SCSI Media Generation System (SMGS) Requirements Definition / Personal Computer (PC) Common Operating System (OS) Proof-of-Concept

Perform definition of the TRIDENT II FCS SMGS system level requirements. The result of this definition of requirements will be a preliminary TRIDENT II FCS SMGS system-level requirement specification and evaluate the concept of providing a common operating system for use within all Fire Control Auxiliary Equipment. This evaluation will include the following: Development of the Common Operating System preliminary requirements Procurement of a PC as a test-bed for the Common OS proof-of-concept Perform a proof of concept of the Common Operating System. GDAIS.

N00030-07-G-0044NJ23

11/27/2007

SP 23 NAV TO MCC MIGRATION

Install 3 TRIDENT II FCS bay Door and Post structure at the Lockheed Martin Mitchel Field facility. Provide Door and Post build drawings to facilitate the design of electronic enclosures that are compatible with the Door and Post structure. Provide TRIDENT II FCS power conversion equipment that generates power for the electronic enclosures from the facility power. The contractor shall also design and deliver Power Control Panels for the 3 Bay structure as well as power distribution from the Power Conversion equipment to the Power Control Panels. The contractor shall provide two common VME subracks and backplanes. Participate in design reviews associated with the electronic enclosures, power distribution from the power control panels to the electronic enclosures, and equipment that is migrating to MCC. Develop Power Interface and Electro Magnetic Interference requirements for the electronic enclosures. Support thermal testing of the electronic enclosures at the contractor's facility. GDAIS

N00030-07-G-0044NJ27

11/27/2007

NAFY08 MK98 Mod 6/7 Embedded Simulation (ESIM) Software and Fire Control Simulation (FCSIM) Software Efforts

Deliver the Mk 98 Mod 6 US 943 Revision of ESIM Software. Start the development activities for the Mk 98 Mod 7 UK 843 Revision of ESIM Software and for the Mk 98 Mod 6 US 944 Revision of ESIM Software. Start the development activities for Mk 98 Mod 6 US 944 Revision of FCSIM Software as follows:

For the US 943 ESIM Software delivery:

Complete Formal Qualification Testing (FQT) and deliver the FQT Software Test Report

for the Mk 98 Mod 6 US 943 ESIM Revision.

Prepare, conduct and submit a Software (SW) Deployment Readiness Review (SW-DRR) for the Mk 98 Mod 6 US 943 ESIM Revision..

Deliver Mk 98 Mod 6 (US) ESIM Software for the US 943 Revision.

For the UK 843 ESIM software development:

Deliver Test Baseline Mk 98 Mod 7 (UK) ESIM Software for the UK 843 Revision.

For the US 944 ESIM software development:

Prepare and conduct a System/Software Requirements Review(s) (SYS/SW/DOC-RR) for the Mk 98 Mod 6 ESIM software, US 944 Revision, and submit a SYS/SW-RR package.

Prepare and conduct a System/Software Preliminary Design Review(s) (SYS/SW-PDR) for the Mk 98 Mod 6 ESIM software, US 944 Revision, and submit a SYS/SW-PDR package. Prepare and conduct a System/Software Critical Design Review(s) (SYS/SW-CDR) for the Mk 98 Mod 6 ESIM software, US 944 Revision, and submit a SYS/SW-CDR package.

For the US 944 FCSIM software development:

Prepare and conduct a System/Software/Documentation Requirements Review(s) (SYS/SW/DOC-RR) for the Mk 98 Mod 6 FCSIM software, US 944 Revision, and submit a SYS/SW/DOC-RR package. Prepare and conduct a System/Software/Documentation Preliminary Design Review(s) (SYS/SW/DOC-PDR) for the Mk 98 Mod 6 FCSIM software, US 944 Revision, and submit a SYS/SW/DOC-PDR package. Prepare and conduct a System/Software/Documentation Critical Design Review(s) (SYS/SW/DOC-CDR) for the Mk 98 Mod 6 FCSIM software, US 944 Revision, and submit a SYS/SW/DOC-CDR package. GDAIS

FPGA = Field

N00030-07-G-0044NJ28

11/27/2007

WSDM MODULE REWORK

The Contractor shall implement and test changes required to upgrade TRIDENT II FCS WSDM Modules to eliminate design issues. Produce COII kits for the TRIDENT II FCS Mod 6/7 SPALT kits (UKCR, KB Trainer and ER). Support of the build of FPGA images in the Fire Control Library, the load and testing of the modules for the COII Kits, the layout and sell-off of COII Kit materials. The remaining WSDM Modules will be upgraded, tested and delivered as part of the production baseline for the remaining Mod 6/7 SPALT Kits. Generate the COII Documents as appropriate to include the requirements for installation of the COII. Support the replacement of all of the WSDM modules related to the Mod 6/7 SPALT (30285) at all activities



N00030-07-G-0044NJ29

11/27/2007

BANGOR TUBE LAB (TL) SPALT KIT WITH INSTALLTION

Build, inspect, test and deliver one SPALT Kit for the Bangor TL Lab. This kit shall be a partial SPALT kit and will consist of Missile Compartment equipment only (CAMP, TIB, TIP, LNC and 025 Simulator Cabinet). Install the Bangor TL Lab SPALT kit. Update the US SPALT Proposal, US SPALT Documents and Installation/Test ODs, as appropriate, to include the requirements for installation of the Bangor TL Lab SPALT as part of the Mod 6/7 SPALT 30285.

N00030-07-G-0044NJ30

11/27/2007

FY 09 SPALT 30285 KIT INSTALLATIONS

Install the Bangor Lab TRIDENT II FCS 30285 SPALT kit. Update the US SPALT Proposal, US SPALT Documents and Installation/Test ODs, as appropriate, with updates from the installation of the Bangor Lab SPALT as part of the Mod 6/7 SPALT 30285. Install the SSBN TRIDENT II FCS 30285 SPALT kit on US SSBN platforms 2 and 3. Update the US SPALT Proposal, US SPALT Documents and Installation/Test ODs,

as appropriate, with updates from the installation of the SSBN SPALT as part of the Mod 6/7 SPALT TRIDENT II FCS 30285.

N00030-07-G024

11/3/2006

Maintenance, Repair & Rebuilding of Support Equipment for TRIDENT II (D5) Electrostatically Supported Gyro Navigator (ESGN), Navigation Subsystem.

N00030-07-Q-0009

L -- Fleet Ballistic Missile and SSGN Systems Integration

4/27/2006

Strategic Systems Programs (SSP) intends to contract with BAE SYSTEMS Applied Technologies, Inc. of Rockville, MD for Fleet Ballistic Missile and SSGN Systems Integration Support. Major tasks will include Fleet Ballistic Missile (FBM) Weapon System Integration, Kings Bay Supply Support, Bangor Support, Systems Integration for the SSBN 732 and SSBN 733 Engineered Refueling Overhaul, SSBN 730 D5 Backfit/Engineering Refueling Overhaul Systems Integration, Shipboard Integration Increment I, Nuclear Weapons Security Systems Integration, United Kingdom (U.K.) Trident Strategic Weapons System, US/UK SWSMIN/EWL/AMIN Support and Maintenance, SSGN Attack Weapon System (AWS) Systems Integration, TRIDENT Strategic Weapons Systems Logistics Support, and U.K. Logistics Support. The effort will also include options for Underwater Launch Technology Sustainment, Submarine Launched Intermediate Range Ballistic Missile program planning, SSBN 730 D5 Engineering Refueling Overhaul, Tomahawk TLAM-N Support, Advanced Systems Development and Studies, D5 Missile Life Extension Program Systems Integration, and TRIDENT Submarine Operation and Conventional TRIDENT Modification. The contract performance will be 01 October 2006 to 30 September 2007 with options for an additional year with a period of performance from 01 October 2007 through 30 September 2008. There is an additional FY08 option for Strategic Weapon System Analysis Software Refresh on SSBN 732 Systems Integration. Award will be made using other than full and open competition to BAE SYSTEMS Applied Technologies, Inc., Rockville, Maryland, the only known source with unique facilities and personnel expertise required for this program.

N00030-07-Q-0021

9/18/2006

TRIDENT II (D5) Strategic Weapon Systems (SWS) Navigation Subsystem Fiber Optic Gyro (FOG) and Fiber Optic Gyro Navigator (FOGN)

The Strategic Systems Programs intends to contract with The Boeing Company, BCM3 & Strategic Systems, Anaheim, CA to provide the following efforts for the TRIDENT Navigation Subsystem: (1) Fiber Optic Gyro (FOG) Proof of Capability (POC) procurement, (2) Fiber Optic Gyro Navigator (FOGN) Test System Design, (3) POC FOG Build and Test, (4) FOG Test Equipment Design and Build, (5) POC Gyro Testing and FOGN Engineering Development Model (EDM) Design.

N00030-07-Q-0031

L -- Weapons Systems Shipboard development and integration for the US and UK TRIDENT Program

11/13/2006

The Contractor shall conduct investigations and resolution of problems associated with Trident I and Trident II Submarine Launched Ballistic Missile (SLBM) programs, Ohio Class Submersible Ship Guided Nuclear (SSGN), Attack Weapon System (AWS) Trainer requirements, Advanced Weapons Systems Development, and SWS Modernization Early Concept Development Technical and Production Services. The period of performance for the base effort shall be 01 February 2007 through 31 January 2008, with options for FY08