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GENERAL INFORMATION

The purpose of this modification is to realign ceiling from Base Year to Option Year I and to add incremental funds to this Task Order. Accordingly, said Task Order is modified as follows: Realign Ceiling from CLIN 1000 -\$725,700.00 and realign to CLIN 1100 in the amount of \$725,700.00, and to Realign Ceiling from CLIN 3000 -\$58,000.00 and realign to CLIN 3100 in the amount of \$58,000.00.

As a result of this action, the CLIN funding structure has been modified as follows:

SLIN 1100 - From \$ 3,897,491.21 By \$ 1,334,586.95 To \$ 5,232,418.16

SLIN 3100 - From \$ 1,733,040.16 By \$ 147,260.28 To \$ 1,880,300.44

A conformed copy of this Task Order is attached to this modification for information purposes only.

The total amount of funds obligated to the task is hereby increased by \$1482117.25 from \$11563866.37 to \$13045983.62.

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF

1000	R&D Support of JPALS, NUCAS, and AAR Programs including Data in accordance with DD Form 1423-2 Contracts Data Requirements List (TBD)	40472.0	LH	\$3,835,083.76	\$277,686.24	\$4,112,770.00
100001	Funding for CLIN 1000 (TBD)					
100002	Funding for CLIN 1000 (TBD)					
100003	Funding for CLIN 1000 (TBD)					
100004	Funding for CLIN 1000 (TBD)					
100005	Funding for CLIN 1000 (TBD)					
100006	Funding for CLIN 1000 (TBD)					
100007	Funding for CLIN 1000 (TBD)					
100008	Funding for CLIN 1000 (TBD)					
100009	Funding for CLIN 1000 (TBD)					
100010	Funding for CLIN 1000 (TBD)					
100011	Funding for CLIN 1000 (TBD)					
100012	Funding for CLIN 1000 (TBD)					
100013	Funding for CLIN 1000 (TBD)					
100014	Funding for CLIN 1000 (TBD)					
100015	Funding for CLIN 1000 (TBD)					

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100016 Funding for CLIN
1000 (TBD)

100017 Funding for CLIN
1000 (TBD)

100018 Funding for CLIN
1000 (TBD)

100019 Funding for CLIN
1000 (TBD)

100020 Funding for CLIN
1000 (TBD)

100021 Funding for CLIN
1000 (TBD)

100022 Funding for CLIN
1000 (TBD)

100023 Funding for CLIN
1000 (TBD)

100024 Funding for CLIN
1000 (TBD)

100025 Funding for CLIN
1000 (TBD)

1100	R&D Support of JPALS, NUCAS, and AAR Programs including Data in accordance with DD Form 1423-2 Contract Data Requirements List (TBD)	68608.0 LH	\$6,501,328.24	\$470,699.76	\$6,972,028.00
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110001 Funding for CLIN
1100 (TBD)

110002 Funding for CLIN
1100 (TBD)

110003 Funding for CLIN
1100 (TBD)

110004 Funding for CLIN
1100 (TBD)

110005 Funding for CLIN
1100 (TBD)

110006 Funding for CLIN
1100 (TBD)

110007 Funding for CLIN
1100 (TBD)

110008 Funding for CLIN
1100 (TBD)

110009 Funding for CLIN

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1100 (TBD)

110010 Funding for CLIN
1100 (TBD)

110011 Funding for CLIN
1100 (TBD)

110012 Funding for CLIN
1100 (TBD)

110013 Funding for CLIN
1100 (TBD)

110014 Funding for CLIN
1100 (TBD)

110015 Funding for CLIN
1100 (TBD)

110016 Funding for CLIN
1100 (TBD)

110017 Funding for CLIN
1100 (TBD)

110018 Funding for CLIN
1100 (TBD)

110019 Funding for CLIN
1100 (TBD)

110020 Funding for CLIN
1100 (TBD)

110021 Funding for CLIN
1100 (TBD)

110022 Funding for CLIN
1100 (TBD)

110023 Funding for CLIN
1100 (TBD)

110024 Funding for CLIN
1100 (TBD)

110025 Funding for CLIN
1100 (TBD)

110026 Funding for CLIN
1100 (TBD)

110027 Funding for CLIN
1100 (TBD)

110028 Funding for CLIN
1100 (TBD)

110029 Funding for CLIN
1100 (TBD)

110030 Funding for CLIN
1100 (TBD)

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110031 Funding for CLIN
1100 (TBD)

110032 Funding for CLIN
1100 (TBD)

110033 Funding for CLIN
1100 (TBD)

110034 Funding for CLIN
1100 (TBD)

110035 Funding for CLIN
1100 (TBD)

110036 Funding for CLIN
1100 (TBD)

110037 Funding for CLIN
1100 (TBD)

For ODC Items:

Item	Supplies/Services Qty	Unit	Est. Cost

3000	Other Direct Costs in Support of CLIN 1000 (TBD)	1.0 Lot	\$1,820,565.00
300001	Funding for CLIN 3000 (TBD)		
300002	Funding for CLIN 3000 (TBD)		
300003	Funding for CLIN 3000 (TBD)		
300004	Funding for CLIN 3000 (TBD)		
300005	Funding for CLIN 3000 (TBD)		
300006	Funding for CLIN 3000 (TBD)		
300007	Funding for CLIN 3000 (TBD)		
300008	Funding for CLIN 3000 (TBD)		
300009	Funding for CLIN 3000 (TBD)		
300010	Funding for CLIN 3000 (TBD)		
300011	Funding for CLIN 3000 (TBD)		

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300012 Funding for CLIN
3000 (TBD)

3100 Other Direct 1.0 Lot \$2,001,205.00
Costs in Support
of CLIN 1100
(TBD)

310001 Funding for CLIN
3100 (TBD)

310002 Funding for CLIN
3100 (TBD)

310003 Funding for CLIN
3100 (TBD)

310004 Funding for CLIN
3100 (TBD)

310005 Funding for CLIN
3100 (TBD)

310006 Funding for CLIN
3100 (TBD)

310007 Funding for CLIN
3100 (TBD)

310008 Funding for CLIN
3100 (TBD)

310009 Funding for CLIN
3100 (TBD)

310010 Funding for CLIN
3100 (TBD)

310011 Funding for CLIN
3100 (TBD)

310012 Funding for CLIN
3100 (TBD)

310013 Funding for CLIN
3100 (TBD)

310014 Funding for CLIN
3100 (TBD)

310015 Funding for CLIN
3100 (TBD)

310016 Funding for CLIN
3100 (TBD)

310017 Funding for CLIN
3100 (TBD)

310018 Funding for CLIN
3100 (TBD)

310019 Funding for CLIN
3100 (TBD)

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- 310020 Funding for CLIN
3100 (TBD)
- 310021 Funding for CLIN
3100 (TBD)
- 310022 Funding for CLIN
3100 (TBD)
- 310023 Funding for CLIN
3100 (TBD)
- 310024 Funding for CLIN
3100 (TBD)
- 310025 Funding for CLIN
3100 (TBD)
- 310026 Funding for CLIN
3100 (TBD)
- 310027 Funding for CLIN
3100 (TBD)
- 310028 Funding for CLIN
3100 (TBD)
- 310029 Funding for CLIN
3100 (TBD)

For Cost Type Items:

Item	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4200	R&D Support of JPALS, NUCAS, and AAR Programs including Data in accordance with DD Form 1423-2 Contract Data Requirements List (TBD) Option	57394.0	LH	\$5,466,701.00	\$395,744.00	\$5,862,445.00
4300	R&D Support of JPALS, NUCAS, and AAR Programs including Data in accordance with DD Form 1423-2 Contract Data Requirements List (TBD) Option	57394.0	LH	\$5,676,385.00	\$410,884.00	\$6,087,269.00
4400	R&D Support of JPALS, NUCAS, and AAR Programs including Data in accordance with DD Form 1423-2 Contract Data	57394.0	LH	\$5,894,300.00	\$426,618.00	\$6,320,918.00

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Requirements List
(TBD)
Option

For ODC Items:

Item	Supplies/Services Qty	Unit	Est. Cost
6200	Other Direct Costs in Support of CLIN 4200 (TBD) Option	1.0 Lot	\$2,019,028.00
6300	Other Direct Costs in Support of CLIN 4300 (TBD) Option	1.0 Lot	\$2,100,055.00
6400	Other Direct Costs in Support of CLIN 4400 (TBD) Option	1.0 Lot	\$2,184,337.00

SEA 5252.216-9122 LEVEL OF EFFORT (DEC 2000)

(a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be [to be determined at order award] total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.

(b) Of the total man-hours of direct labor set forth above, it is estimated that [to be identified at the task order award] man-hours are uncompensated effort. Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. All other effort is defined as compensated effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.

(c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations (except as provided in paragraph (j) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately [yearly number of labor hours divided by 52 weeks] hours per week. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.

(e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Task Order Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Task Order Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Task Order Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

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Tech Admin Asst.	2892	2892	2892	2892	2892	14460
Financial Analyst	1928	1928	1928	1928	1928	9640
*Key Labor Categories						
Totals	57394	57394	57394	57394	57394	286970

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

Description/Specifications

PERFORMANCE BASED WORK STATEMENT (PBWS) FOR

SEAPORT-e CONTRACT

FOR

JOINT PRECISION APPROACH AND LANDING SYSTEMS (JPALS) SYSTEM DEVELOPMENT AND DEMONSTRATION PHASE,

NAVY UNMANNED COMBAT AERIAL SYSTEMS (NUCAS)

AND

AUTOMATED AERIAL REFUELING (AAR) SUPPORT

1.0 INTRODUCTION

The ATC Systems Division, NAWCAD Patuxent River Code 4.5.8, located at St. Inigoes, MD is the In-Service Engineering Agent (ISEA) and Software Support Activity (SSA) for Air Traffic Control and Landing Systems (ATC&LS). The ATC Division also provides systems engineering support to developmental programs such as the Joint Precision Approach and Landing System (JPALS) and Navy Unmanned Combat Aerial System (NUCAS) programs. The Joint Precision Approach and Landing System (JPALS) program is developing the next generation air traffic control and landing system for Navy air-capable ships as well as providing the Precision Global Positioning System (PGPS) solution for NUCAS autoland functions. Satisfactory performance of the system will depend on both aircraft and shipboard algorithms that can adequately integrate Global Positioning System (GPS) and inertial sensor outputs through a robust data link.

NAVAIR 4.5.8 and 5.1.6 are tasked to prototype, test, integrate and evaluate JPALS equipment, into aircraft and ship platforms. Support of this testing requires the establishment of a test facility at NAS Patuxent River, MD, and the development of a mobile test facility for the JPALS program. During System Development and Demonstration (SD&D/Demonstration) phase, JPALS prototyping will be conducted. It is likely that the contractor will request NAVAIR support for integration and flight test of post-Technology Development (TD) phase JPALS components. This will require the installation of these components into test aircraft and into the two test facilities (JPALS Mobile Test Vehicle (JMTV) and the Satellite Navigation (SATNAV) Facility and Technical Evaluation Center (SAFTEC)) that were developed during the on-going TD phase.

The Navy Unmanned Combat Air Systems (NUCAS) program is a Navy effort to demonstrate the technical feasibility, military utility and operational value for a networked system of high performance, weaponized unmanned air vehicles to effectively and affordably prosecute combat missions. The Northrop Grumman X-47 and Boeing X-45 platforms are the candidate UAV systems being evaluated. A key part of the integration of these unmanned vehicles into the military force structure is an auto-land capability, incorporation within military air traffic control, and automated aerial refueling (AAR). Program activities will begin with efforts to simulate system performance, evaluate sensor units in operational environments, prototype ATC interfaces, and provide operator feedback geared toward anticipated landing on a carrier suitable platform in FY11. NAVAIR 4.5.8 is tasked to prototype and integrate the auto-land function, ATC interface, and automated aerial refueling into aircraft and ship platforms as appropriate and conduct testing. Support of this testing will require the development of multiple mobile test vehicles requiring prototyping and integration efforts, and the set up and operation of the required test facilities.

1.1 Scope

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This performance based work statement establishes the effort to execute architecture definition and engineering services under the SEAPORT-E Contract. The scope of this contract includes research and development in the performance of Prototype Development and Testing by accomplishing the following performance tasks.

- a. Execute installations of SD&D/Demonstration JPALS systems into civil and military aircraft, the Satellite Navigation (SATNAV) Facility and Technical Evaluation Center (SAFTEC), JPALS Mobile Test Vehicle (JMTV) and the NUCAS Mobile Test Platform (UMTP). The contractor shall design the installation and provide the systems components.
- b. Support the integration activities by configuring Naval Avionics Platform Integration Emulator (NAPIE) units, performing NAPIE non-production system prototyping, and/or by sharing expertise gained during Technical Development (TD) Phase integrations. Support lab and field-testing of incremental integration efforts. Provide subject matter consulting services in the areas of GPS, inertial sensors, and data link.
- c. Configure the SAFTEC facility to support any post-TD phase testing. Perform maintenance of the SAFTEC while maintaining the current leasing agreement. Insure that the configuration documentation of the SAFTEC is kept current.
- d. Configure the JMTV to support any post-TD phase testing. Perform maintenance of the JMTV. Insure that the configuration documentation of the JMTV is kept current.
- e. Configure the UMTP to support any post-TD phase testing. Perform maintenance of the UMTP. Insure that the configuration documentation of the UMTP is kept current.
- f. Supply engineering RDT&E labor to support the management, design, development, test, and support of the Shipboard Relative Global Positioning System (SRGPS) and Precision Global Positioning Systems (PGPS) systems, as the precision guidance source in support of the Automated Aerial Refueling (AAR) Program.
- g. Supply technical RDT&E labor to procure or manufacture the components necessary to produce the SRGPS and PGPS systems and to assemble the components into a complete system.
- h. Procure, integrate and test a UMTP #2 van system for NUCAS CONOPS demonstration and test. Perform maintenance of the UMTP. Insure that the configuration documentation of the UMTP #2 is kept current.
- i. Provide rapid prototyping and evaluation capabilities necessary to support evolving GPS, inertial, and data link technologies.
- j. All deliverable products will be measured against Government's Performance Matrix and Standards Definitions outlined in paragraph 13 of the PBWS.

2.0 APPLICABLE DOCUMENTS

The following is a list of known documents that will be needed, used and referred to during the performance of the technical and engineering services required by this performance work statement. Unless otherwise specified, the revision level and date of each document, specification or standard cited, or referred to, within this solicitation/contract shall be the most current or superceding version.

2.1 Military Specifications / Military Standards

NUMBER TITLE

MIL-STD-2036 General Requirements for Electronic Equipment Specifications

MIL-STD-2039 Preparation of Field Changes and Field Change Kits

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MIL-STD-973 Configuration Management

MIL-STD-1338 Logistics Support Analysis

MIL-STD-1561 Uniform DoD Provisioning Procedures

MIL-STD-1679 Weapons Systems Software Development

2.2 Other Documents

- a. NUCAS Common Objectives Document (COD)
- b. Concept of Operations for Future Air Traffic Control Operations using the Sea-based Joint Precision Approach and Landing System (JPALS)
- c. NUCAS Common Objectives Document (COD)
- d. Concept of Operations for Future Air Traffic Control Operations using the Sea-based Joint Precision Approach and Landing System (JPALS)

2.3 All Information Assurance (IA) will be in compliance with the following:

- a. DoD 5239.1--Introduction to Information Systems Security
- b. DoD 5239.2--Terms, Abbreviations, and Acronyms
- c. DoD 5239.3--Designated Approving Authority (DAA) Guidebook
- d. CJCSI 6211.02B--Defense Information System Network (DISN): Policy Responsibilities and Processes of 31 July 2003
- e. CJCSI 6212.01C--Interoperability and Supportability of Information Technology and National Security Systems
- f. CJCSI 6250.01A--Satellite communications
- g. CJCSI 6215.01B--Policy for Department of Defense voice Networks
- h. DoDD 8100.1--Global Information Grid (GIG) Overarching Policy
- i. DoDD 8500.1--Information Assurance
- j. DoDI 8500.2--Information Assurance Implementation
- k. DoDI 8510.bb--DoD Information Assurance certification and Accreditation Process (DIACAP) (DRAFT)
- l. DoDI 8510.1--DoD Information Technology Security Certification and Accreditation Process (DITSCAP)
- m. CNO N614/HQMC C4--Navy-Marine Corps Unclassified Trusted Network Protection (UTN-Protect) Policy, Version 1.0, 31 October 2002

3.0 REQUIREMENTS

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The Contractor personnel shall work in conjunction with the JPALS, NUCAS, and AAR teams defined within the NAVAIR 4.5.8 and 5.1.6 divisions. Analysis, recommendations, alternatives, estimates, reviews, research, or plans, shall be presented by the contractor in report form, unless tasked otherwise. (CDRL A009, A021, A002, A022)

3.1 General Requirements

3.1.1 Contract Program Management

The Contractor shall provide the following program management services:

a. Project Control

1. Budget: The contractor shall maintain cost accounting data (including data on utilization of proposed labor and reimbursable expenses).
2. Milestones/Schedules: The Contractor shall monitor work performed against milestones planned to assure that each project objective is met according to schedule.
3. Purchasing System: The Contractor shall track, manage, and otherwise account for purchases made on behalf of the Government under the authority of this delivery order with a Purchasing System.
4. Contract Management Reports (Periodic, recurring submissions of resource expenditures and progress against the applicable planned activities): The Contractor shall provide a monthly Progress Report, which covers overall delivery order status, contract deliverables status, and specific status on each effort or task. In the format as described in Paragraph 11 of this PBWS, the contractor shall also deliver a monthly Cost Funding Status Report.

b. Documentation of Reimbursable Expenses

The Contractor shall maintain current and accurate documentation of all expenses incurred in the performance of work under this delivery order. Original receipts and invoices, copies of originals, or summaries of all expenses charged to travel and other direct costs will be made available to the COR upon request.

3.2 Technical Development Planning

The Contractor shall perform trade-off analyses, engineering approach analyses, and recommend the specific avionics and shipboard system development/engineering efforts, facilities, and task requirements necessary to meet technical program objectives and milestones. The Contractor shall define the major milestones, schedules and relevant resource requirements for each phase of a project. The contractor shall define:

- a. Project estimating including cost, schedules, manpower, resources, size and Work Breakdown Schedule (CDRL A001)
- b. Risk identification, assessment, impact, metrics, and mitigation (CDRL A023)
- c. Milestones corresponding to tangible products, procurement cycle requirements, or achievement levels (CDRL A024)
- d. Development methodologies and management processes, metrics, tools, configuration and quality control measures/procedures. (CDRL A025)

3.3 Systems Engineering

The Contractor shall participate in the Systems Engineering Process. Typical tasks assigned to the contractor may include requirements analysis; functional analysis and allocation of functions to system components; systems analysis; and design synthesis. The Contractor shall also perform surveys, impact studies and engineering analyses of mission operational concepts. The Contractor shall define the operational context and develop tactics for each

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assigned sensor program. (CDRL A009)

3.4 Research and Technical Analysis

The Contractor shall provide research and analysis support in the area of processing system studies and analysis. This support shall include, but not limited to, meteorological and oceanographic analysis, computer-based modeling analysis, navigation and guidance analysis, and advanced data and signal processing analysis. The Contractor shall analyze techniques as applied to the processing of test data and systems performance improvement. (CDRL A009)

3.5 Functional and Design Requirements

The Contractor shall perform engineering studies and analyses for the purpose of generating functional and design requirements for sensor and support subsystems. The Contractor shall prepare, from approved operational requirements documents, a detailed mission scenario and time line analysis. (CDRL A009)

3.6 Aircraft and Ship Integration Analysis

The Contractor shall perform engineering analysis of Government furnished information pertaining to physical integration of sensors and supporting subsystems on the aircraft and ship. (CDRL A009)

3.7 Test and Evaluation Requirements Analysis

The contractor shall prepare a test and evaluation requirements analysis which identifies the test activities required to verify attainment of all functional and performance requirements of each sensor and system. This analysis shall include all levels of testing from technology concept demonstration through Technical Evaluation (TECHEVAL). As part of this analysis, the Contractor shall develop and present a test and evaluation matrix that identifies the system functional requirements and the test activities that demonstrate satisfactory compliance. An optimization process shall be performed which will identify those individual tests that may satisfy multiple requirements. (CDRL A002)

3.8 Test Plans and Procedures

The contractor shall provide detailed test plans and procedures for test and evaluation activities. For test plans and procedures developed by other activities, the Contractor shall analyze these test plans and procedures and identify their relationship with the test and evaluation matrices. (CDRL A003)

3.9 Development Facilities

The Contractor shall prepare development facility requirements and associated planning information to support the development, integration and evaluation of JPALS SD&D/Demonstration phase into civil aircraft, SAFTEC, JMTV and UMTV vans. The Contractor shall provide the functional design and development of the hardware and software necessary for the laboratory system. The Contractor shall also provide test and validation of the systems necessary to support development and test of the SD&D/Demonstration phases of JPALS and the NUCAS X-47, X-45 and AAR programs. These systems shall be fully documented to facilitate operator use, maintenance, and facilities updates as required. Data deliverables shall include user manuals for the facilities and for each system and software program delivered.

3.9.1 SATNAV Facility and Technical Center (SAFTEC)

The SAFTEC will contain the engineering space, facilities, and equipment required to execute JPALS shore-based ground and flight tests of prototypes at NAS Patuxent River, MD. The SAFTEC is located near Building 2110 at the Naval Air Station, Patuxent River, MD. The total square footage of the SAFTEC interior building is 2820 square feet (60' x

47'). The deck square footage is 252 square feet (8' x 31.5'). The loading dock

is 144 square feet.

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1.1 The contractor shall provide maintenance coordination of the SAFTEC in response to service calls.

1.2 The contractor shall perform monthly inspections of the building and perform minor or routine, operational upgrades as required to solve day to day work issues.

1.3 The contractor shall configure the SAFTEC to support any planned testing.

1.4 The contractor shall deliver SAFTEC configuration documentation and continuously update that document to reflect the latest configuration of the SAFTEC.

3.9.2 JPALS Mobile Test Vehicle (JMTV)

The JMTV is used for JPALS testing while subjecting the GPS and inertial sensors to motion. Since the JMTV is mobile, it acts as both a stationary ground station, and as a moving ship reference station. The JMTV will be moved, as required to support testing at other test facilities. This will allow testing that cannot be conducted at NAS Patuxent River such as open-air jamming tests. Lab facilities within the JMTV will allow collection, reduction, analysis, and storage of test data. The JMTV will be configured to support sensor testing (GPS, inertial, antennas) and testing of aircraft and ship system integrations. The JMTV is GFP, as noted in Attachment M and Attachment N.

a. The contractor shall deliver JMTV configuration documentation and continuously update that documentation to reflect the latest configuration of the JMTV.

b. The contractor shall configure the JMTV to support any planned testing.

c. The contractor shall execute all maintenance of the JMTV, including any breakdown repair.

d. The contractor shall obtain vehicle insurance for the JMTV that meets the legal requirements of the State of Maryland. If a contractor employee is required to drive the JMTV, the contractor shall obtain insurance for the driver.

3.9.3 NUCAS Mobile Test Platform (UMTP)

The UMTP will be used for NUCAS testing as a surrogate carrier. The UMTP is a modified commercial RV. The UMTP will host the GPS and INS sensor units, prototype ATC equipment, data link, Ship Interface Processor (SIP), NAPIE, and test engineer workstations. The UMTP will be moved, as required, to support testing at other test facilities. This will allow testing that cannot be conducted at NAS Patuxent River such as open-air jamming tests. The UMTP will be configured to support sensor-testing (GPS, inertial, antennas), auto-land testing, and testing of air and ship system integrations. Lab facilities within the UMTP will allow collection, reduction, analysis, and storage of test data. One UMTP is GFP, as noted in Attachment M and Attachment N.

a. The contractor shall acquire a second vehicle capable of satisfying predetermined UMTP Requirements Documentation (URD), already approved by the IPT Lead in the TD phase.

b. The contractor shall purchase, install, and integrate the required equipment into the UMTP vehicle, and check out all test equipment and associated software.

c. The contractor shall deliver UMTP configuration documentation and continuously update that documentation to reflect the latest configuration of the UMTP.

d. The contractor shall configure the UMTP to support any planned testing.

e. The contractor shall execute all maintenance of the UMTP, including any breakdown repair.

f. The contractor shall obtain vehicle insurance for the UMTP that meets the legal requirements of the State of Maryland. If a contractor employee is required to drive the UMTP, the contractor shall obtain insurance for the driver.

3.10 Prototype Development and Testing

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The Contractor shall employ rapid prototyping techniques into the system development process where appropriate for quick assessment of proposed system design and implementation capabilities (with a minimum of CMMI LEVEL 2 for both hardware and software processes within the NAPIE Real Time Operating System (RTOS) development environment.)

3.10.1 JPALS SD&D/Demonstration Phase

The contractor shall derive from the pre-existing Demonstration Systems Requirements Document (DSRD), detailed hardware requirements for both ruggedized and non-ruggedized NAPIE units. Any unit shall be capable of hosting either the ship or aircraft software. The design of the units shall maximize the ease with which a given unit can be reconfigured for integration into either a ship or aircraft platform. Prototyping of JPALS equipment during TD phase was accomplished via the fabrication of NAPIE units. NAPIE is a set of platform integration tools designed to facilitate rapid prototyping of new concepts into aircraft and ship platforms. In generic form, the NAPIE consists of a commercial-off-the-shelf computer, a data recorder, interfaces to the relevant systems on the host platform systems, and interfaces to required sensors such as GPS, inertial sensors, and data link systems. Any and all prototype algorithms shall be implemented in the NAPIE software load. The contractor will provide the facilities required for fabrication of the NAPIE hardware components. During SD&D/Demonstration phase, NAPIE units will be used to integrate post-TD phase JPALS components into aircraft platforms and into shore-based test facilities. These components and the integration design shall be provided by the contractor. Non-production system prototyping for NAPIE is accomplished using VxWorks Tornado, version 2.2 and applicable upgrades and Polytron Version Control Software (PVCS) (or equivalent). These tools, and the facilities in which they reside, are Government assets. The contractor will be given access to these assets. See Paragraph 6.4 for list of major items received by the contractor. (CDRL A004, A005, A006, A007, A008)

- a. The contractor shall install SD&D/Demonstration equipment into civil aircraft, the SAFTEC, and the JMTV. The contractor shall design the installations and provide the system components.
- b. The contractor shall support the SD&D/Demonstration integration activities by configuring existing NAPIE units, performing NAPIE system prototyping, or by sharing expertise gained during the TD Phase integrations.
- c. The contractor shall provide software development support to the lab and installed testing of the platform integrations. The contractor shall provide subject matter experts in the areas of GPS, inertial sensors, and datalinks. The subject matter experts shall generate technical studies and reports as required by the effort. (CDRL A009)
- d. The contractor shall design integrations of JPALS prototype equipment. Integrations may be required in aircraft platforms, ship platforms, the SAFTEC and JMTV. The design shall include the NAPIE units, NAPIE software, required interfaces to the host platform and all required hardware including sensors, data recorders, racks, wiring, and connectors. The contractor shall prepare and deliver integration design documentation for both the initial design and for the as-built configuration. (CDRL A010, A007, A008)
- e. The contractor shall prepare and deliver a Test and Evaluation Requirements Analysis (TERA) that identifies the test activities required to verify attainment of all software and hardware functional requirements for each integration. This analysis shall include all levels of testing including, human-based software testing (walkthroughs, formal inspections, review), computer based software testing, integration (hot bench), testing in the System Integration Lab (SIL), and testing within the host platform. (CDRL A002)

3.10.2 NUCAS / AAR Support

Prototyping of NUCAS PGPS equipment is also accomplished via the fabrication of NAPIE units. The contractor shall provide facilities required for fabrication of the NAPIE hardware components. NAPIE units will be used to integrate required components into aircraft platforms and into shore or ship-based test facilities.

- a. The contractor shall act as an interface for the PGPS system to the NUCAS competitor or the AAR primary contractor.
- b. The contractor shall act as the lead engineering activity and have primary responsibility for program documentation to include: Integrated Master Schedule, System Requirements Specification, System Specification, Software Description Document, Software Development Plan, Interface Control Documents, Test Plans, Engineering

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Documents and other affiliated documentation as required by the government. (CDRL A001, A011, A012, A013, A009)

- c. The contractor shall coordinate with the Government and other contractors on system design.
- d. The contractor shall provide adept RDT&E software code to integrate elements developed by the government or other contractor support.
- e. The contractor shall provide RDT&E labor to support the system after delivery; including platform integration, troubleshooting, and system operation during testing and evaluation.
- f. The contractor shall provide technical support that includes procurement, manufacture and configuration management services required to produce the PGPS systems, including the organization and coordination of a hardware configuration control board.
- g. The contractor shall assemble, pack and re-assemble system equipment and parts as required.

4.0 PROGRESS REPORTS

4.1 Funds Expenditure Report

The contractor shall prepare monthly funds expenditure reports that depict the costs associated with each PBWS paragraph including a breakout of costs per task. A task will be assigned via a TDL, which will refer to the applicable PBWS paragraph. The contractor shall reconcile monthly vouchers with these cost data and explain any discrepancies.

4.1.1 Deliverable Products

- a. Funds Expenditure Report - provide monthly funds expenditure reports.

(CDRL A014)

- b. Voucher Reconciliation Report - provide voucher reconciliation reports and explain any discrepancies 10 working days after delivery of each voucher. (CDRL A015)

4.2 Time Expenditure Report

The contractor shall prepare monthly time expenditure reports including monthly and year-to-date work hours (straight time and overtime), hourly rate, and costs expended per individual. These reports may be reviewed by a support contractor for compilation of data and verification purposes. The support contractor will submit a nondisclosure form.

4.2.1 Deliverable Products

Time Expenditure Report - provide monthly time expenditure reports. (CDRL A016)

4.3 Progress Report

The contractor shall prepare monthly progress reports describing tasks performed each month. The contractor shall notify the Government, by letter, when the cost for a task exceeds 75 percent of the total funded cost and provide recommendations if the task can be completed as estimated.

4.3.1 Deliverable Products

- a. Progress Status Report - provide monthly progress reports. (CDRL A017)
- b. 75 Percent Letter - provide a letter when the cost for a task exceeds 75 percent of the task's total funded cost, as

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well as estimated cost.

c. The Contractor shall provide a monthly Progress Report, which covers overall delivery order status, contract deliverables status, and specific status on each effort or task.

4.4 Material

The contractor shall, at times, be required to furnish material to support the efforts described herein. A list of allowable material is attached. All purchases exceeding \$10,000.00 shall be approved by the TOM before materials are purchased. However, the TOM may reduce the material threshold, as required. Additionally, the Contracting Officer must approve any material purchases that exceed \$25,000.00. In addition, no investment material (unit cost of \$225,000 or more) shall be procured under this contract. A copy of each purchase request and each purchase order shall be provided to the TOM. All IT materials procured must go through the NAVAIR IT approval process.

The cost of general business purpose items/expenses required for the conduct of the contractor's normal business operations will not be considered an allowable direct cost in the performance of this contract. General purpose company business items include but are not limited to the cost for items such as telephones and telephone charges, typewriters, reproduction machines, word processing equipment, personal computers and other office equipment and office supplies. The following list provides examples of allowable material purchases pursuant to the statement of work requirements:

HARDWARE	ELECTRICAL MATERIAL	ELECTRONIC COMPONENTS	MISCELLANEOUS
Racks	Soldering Supplies	Resistors	Modeling Reports and Studies
Chassis	Wire	Capacitors	Calibration Services
Displays	Electronic Component Cleaning Material	Diodes	Packing Supplies and Deliveries
Recorders	Cable	Transistors	Various Technical Documentation
Data Link Interfaces	Connectors, Terminals and Splices	Integrated Circuits	Algorithm Licensing
Radio Interfaces	Electronic Component Repair Services	SCRs	EGI Integration and Analysis
Radios	Connector Parts	Transformers/Inductors	TTNT (or equivalent) Integration Support
Simulators	Special Purpose Connector Tools	Printed Circuit Boards	Advanced Antenna Technology
Bolts, Nuts, Washers, Screws, etc.	Cable Assemblies	Circuit Board Repair Material	Test Equipment
Electronic Enclosures	Switches	Microwave Components	Aircraft Services
Electronic Cabinet Repair Hardware	Batteries	Waveguide and Transitions	Ship Installation Services
Electronic Unit Mounting Hardware	Lamps		Van

4.4.1 Deliverable Products

Material Tracking Report – prepare quarterly material tracking reports that include the burdened and unburdened current and cumulative costs and any record of material transferred to the Government via Form 1149. (CDRL A018)

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5.0 NAVY MARINE CORPS INTRANET (NMCI) INSTRUCTION

The contractor is advised that Information Technology (IT) services shall be ordered from the Navy Marine Corps Intranet (NMCI) contract in accordance with the provisions of 5252.237-9503. The contractor shall order NMCI seats and services and provide a copy of purchase order, itemized by name, seat type, and locations to the NAVAIR NMCI Customer Technical Representative (CTR) via the local 4.5 NMCI POC. Where applicable, application tool suites under this effort shall be modernized and developed in accordance with the Navy Enterprise Application Developer's Guide (NEADG), which includes Functional Area Manager (FAM), NMCI and Task Force Web requirements. Any tools developed that will be hosted by NMCI or run on NMCI workstations will need to be certified for NMCI and comply with NMCI and Navy policy. Servers and/or applications supporting this effort may also be transitioned in accordance with the NAVAIR Server Consolidation plans and policies."

5.1.1 Any tools developed that will be hosted by NMCI or run on NMCI workstations will be certified for NMCI and comply with NMCI policy. Additionally, any servers supporting this effort will be transitioned to meet the requirements of the current NAVAIR Server Consolidation effort.

5.2 Ordering Procedures for Navy Marine Corps Intranet (NMCI) Services (Sep 2000)

a. This Support Services contract may require the use of and/or access to Department of Navy (DoN) Information Technology (IT) Resources by contractor personnel for contract performance. Applicable DoN IT Resources for performance of this contract shall be procured from the NMCI Contractor pursuant to the authority of NMCI Contract # N00024-00-D-6000, clause 5.2 "Ordering".

b. The Support Services contractor shall obtain written authorization from the Contracting Officer executing this contract, prior to ordering directly from the NMCI Contractor. No NMCI Order may be placed without the prior written authorization of the Contracting Officer. Any NMCI Order exceeding the written authorization of the Contracting Officer shall be treated as an unallowable cost pursuant to FAR Part 31.

c. The Government shall reimburse the contractor for the placement of NMCI Orders including applicable indirect burdens (general & administrative, etc.), excluding profit or fee.

5.3 Future development will be performed in accordance with the Navy Enterprise Application Developer's Guide (NEADG), DON/NAVAIR FAM and Task Force Web (TFWeb) mandates. Any Web sites/servers hosted/located in contractor facilities, or outside NAVAIR enclave, will transition to NAVAIR architecture and infrastructure as soon as possible. A transition plan will be provided within 60 days. Registration of all Web sites will be completed within 30 days, if not yet completed.

6.0 FACILITIES/PROPERTY

6.1 Government Accessible Facilities

The Government will provide facilities or access to facilities and equipment in which to perform applicable performance work statement requirements. These facilities are located at Patuxent River and St. Inigoes, Maryland. 20% of work to be performed at Government facilities.

6.2 Contractor's Facilities

The Contractor's facility shall consist of engineering and support staff offices, design, implementation, document development and production equipment, and storage spaces as necessary to fulfill the requirements of this Statement of Work. The Contractor's facility shall meet the requirements of the DD Form 254 applicable to this contract. 80% of work to be performed at Contractor facilities. The total square footage of the SAFTEC interior building is 2820 square feet (60' x 47'). The deck square footage is 252 square feet (8' x 31.5'). The loading dock is 144 square feet.

6.3 Government Furnished Property

The contractor shall maintain records of all Government furnished property (GFP) and provide a completed DD Form

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1662, "DoD Property in the Custody of Contractor", annually in accordance with DFARS 245.505-14. GFP that will be furnished with the contract is identified in Attachment M. Access to RDT&E workstations and laptops required for this effort will be provided by the Government. Provide a completed DD Form 1662 for all Government furnished property in the contractor's custody as of 30 November annually by 31 December in accordance with DFARS 245.505-14.

(CDRL A027)

6.4 Government Furnished Equipment and Facilities

The Government will provide the contractor the Satellite Navigation Facility and Technical Evaluation Center (SAFTEC), JPALS Mobile Test Vehicle (JMTV), and NUCAS Mobile Test Platform as necessary to fulfill the requirements of the Statement of Work.

7.0 TRAVEL

The contractor may be required to travel to provide a range of site support services, including but not limited to attending meetings/conferences, training, installation, integration, maintenance or system tests to support field experiments and tests and evaluation in support of the JPALS and NUCAS programs. The contractor shall provide personnel with passports and that can respond to travel requirements within 24 hours notice. The number of trips to each destination will vary as program requirements dictate. Contractor personnel shall complete trip reports documenting the purpose of the trip, persons contacted, commitments, accomplishments, outstanding problems and recommendations within 10 working days after trip completion. The contractor may, on occasion, provide transportation to Government members of the TDY team when it is deemed most economical to the Government and is otherwise in the Government's best interest.

(CDRL A019)

8.0 OPERATIONS SECURITY (OPSEC)

The contractor is required to provide OPSEC protection for all classified information and sensitive information, pursuant to the National Security Decision Directive 298 of 22 January 1988. The current editions of DoD Manual 5200.1-R Information Security Program Regulation, Chapter IX and OPNAVINST 3432.1 Operations Security, shall be used as guidance. In order to meet this requirement, the contractor shall develop, implement and maintain a facility level OPSEC program in accordance with CDRL A020 to protect classified and sensitive information to be used at a contractor's and subcontractor's facilities during the performance of this contract. The contractor's OPSEC program shall be described in a facility level OPSEC planning document. The contractor shall submit the document to the government for approval. The contractor is responsible for subcontractor implementation of the OPSEC program requirement for this contract. (CDRL A020)

The work to be performed will involve access to handling of classified material up to and including Secret.

9.0 PERIOD OF PERFORMANCE

The period of performance for this delivery order shall be one year with four (4) option years, from the date of award.

10.0 DESIGNATION OF TASK ORDER MANAGER (TOM) AND ALTERNATE

TASK ORDER MANAGER (ATOM)

The TOM for the contract is Michael Pototsky, Code 4.5.8.A, ATC Chief Engineer.

The ATOM for this delivery order is Adam Andersen, Code 4.5.8.2

11.0 WORKPLACE AND SCHEDULE

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11.1 Restricted Entry to the Workplace

In the event that the offeror/contractor is restricted from entry to the workplace due to non-controllable emergencies such as weather, power outages, etc., the contractor/offeror shall not charge the non-work time as direct labor to the contract.

11.2 Building Security

The Contractor may be required to perform building security responsibilities when provided office or lab spaces in a Government building under this contract. These responsibilities may include such duties as ensuring that all windows, are closed and locked, coffeepots are turned off, all external doors are locked, or other duties as deemed necessary by the Government. Each building will have written procedures for the responsibilities of securing that building. If the contractor's failure to use reasonable care causes damage to any property, the Contractor shall replace or repair the damage at no expense to the Government. If the Contractor fails to secure the external doors, he/she may be called back to lock the door after regular working hours. This time may not be a direct charge to the contract.

12.0 PERFORMANCE MATRIX, STANDARDS DEFINITIONS AND QUALITY ASSURANCE SURVEILLANCE PLAN

Shall be assessed in accordance with Section J Attachment 3.

PERSONNEL QUALIFICATIONS

1. The contractor shall be responsible for employing personnel having the following levels of education, professional, and technical experience. These qualifications are only a baseline; contractors should strive for technical excellence in personnel by demonstrating experience and qualifications beyond these qualifications.
2. The specialized experience included as part of the required qualifications shall have been obtained in the field of endeavor indicated by the applicable labor categories listed below. The experience indicated in the following labor categories must have been performed during the past five years. In cases requiring experience of more than five years, at least five years of the total experience must be within the past five years. Key personnel are those who will be performing in Key Labor Categories listed below. The contractor shall provide personnel data forms in the amount listed to the right of each labor category.
3. Personnel must have, or be able to obtain the appropriate security clearance as stated on the DD Form 254. Proof of U.S. citizenship is required to be permitted access to government installation, aircraft, and ships.

Note: All required experience for all labor categories may have been obtained concurrently. All degrees shall be obtained from an accredited college or university.

KEY AND NON-KEY LABOR CATEGORIES ARE AS FOLLOWS:

KEY CATEGORIES

Program Manager

Engineering Project Manager

Seniro Systems Engineer

Software Engineer

Sr Electrical Engineer

Ship Relative Global Positioning System (SRGPS) Subject Matter Expert (SME)

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NON-KEY CATEGORIES

Jr Electrical Engineer

Mid lectrical Engineer

Specialty Engineer

Fleld Engineer

Jr Field Engineer

Jr Mechanical Engineer

Sr Technician

Operations Analyst

Staff Analyst

Quality Assurance Technician

Mid Drafter

Mid Technical Editor

technical Administrative Assistant

Financial Analyst

DEFINITIONS* As used in the minimum personnel qualification descriptions for this contract, the terms indicated shall be defined or their meaning qualified as follows:

academic year - a full or complete year of study at a junior college, college, university, or other academic institution toward which at least 30 semester hours or 45 quarter hours of undergraduate study, or 18 semester hours or 27 quarter hours of postgraduate study, were completed.

accredited institution - a post-secondary educational institution (junior college, college, university, technical trade, or professional school) which was approved by an accrediting agency listed as nationally recognized by the U.S. Department of Education.

accredited program - an educational program or course of study offered by a post-secondary educational institution which was approved by an accrediting agency listed as nationally recognized by the U.S. Department of Education.

degree - an academic title conferred by an educational institution upon completion of a unified course of study; if not otherwise qualified, the term shall mean a degree at the bachelor's, master's, or doctoral levels only.

engineering or engineering discipline - when used in relation to educational or work experience requirements, "engineering" shall mean any of the following specific subjects, disciplines, or areas of work experience only: aerospace, civil, computer, electrical, electronics, industrial, mechanical or nuclear engineering, or computer science, or physics, or mathematics.

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experience and years of experience - a) When used in relation to requirements for past participation in professional work or employment activities, "experience" shall mean full-time (on the basis of a standard forty hour work week) participation, at least one-half of which time was spent performing qualifying functions as practitioner or employee.

b) When used in relation to requirements for a particular term or period of participation, "years of experience" shall mean full, productive years of participation. Productive years are work years of fifty-two weeks reduced by reasonable amounts of time for holiday, annual, and sick leave. If participation was part-time, or if less than one-half of the standard workweek was spent performing qualifying functions, the actual time spent performing qualifying functions may be cumulated to arrive at full years (or years and months) of experience. For example, only the actual number of full days (or full-day equivalents) of duty or drills completed during a year of military reserve participation, or in other qualifying part-time employment or practice may be cumulated toward years of experience. Qualifying part-time experience performed in addition to other full-time qualifying employment during the same period of time may be cumulated on a full-time equivalent basis and added to the full-time experience to satisfy a total experience requirement.

postgraduate degree - a master's, Ph.D., or other professional degree for which completion of an undergraduate curriculum for receipt of a bachelor's degree was a prerequisite.

MINIMUM PERSONNEL QUALIFICATIONS

1. Program Manager

- Bachelor's degree from an accredited school in the areas of engineering or an engineering discipline is required.
- Ten years of experience in engineering, management and supervision of multiple projects in the design of or field service of naval command and control, communication systems, or systems engineering, or other designated field.

2. Engineering Project Manager

- Bachelor's degree from an accredited school in the areas of engineering or an engineering discipline is required.
- Seven years of experience in engineering, management and supervision of a project in systems engineering or the design of or field service of naval command and control, communication systems or other designated field, with specific experience with Ship Relative Global Positioning System (SRGPS) or USN landing systems technology.

3. Senior Systems Engineer

- Bachelor's degree from an accredited school in engineering or an engineering discipline is required.
- Seven years of practical engineering experience in a designated field associated with USN ATC landing systems, with specific experience with Joint Precision and Approach Landing Systems (JPALS) or SRGPS technology highly desirable.

4. Software Engineer

- Bachelor's degree from an accredited school in engineering or an engineering discipline is required.
- Four years of practical experience in mathematical modeling and analysis or SRGPS/PGPS technology.

5. SRGPS SME

- Bachelor's degree from an accredited school in engineering or an engineering discipline.

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- Ten years of experience in communication/navigation/GPS relevant to SRPGS technology.

6. Senior Electrical Engineer

- Bachelor's degree from an accredited school in electrical, electronic engineering, or an engineering discipline is required.
- Ten years of experience in military electronic systems.
- Six years of specific experience in engineering, test, evaluation and improvement of USN ATC landing systems and related equipment.

7. Junior Electrical Engineer

- Bachelor's degree in electrical, electronic engineering, or physics.

8. Mid Electrical Engineer

- Bachelor's degree from an accredited school in electrical, electronic engineering, or an engineering discipline is required.
- Two years of specific experience in engineering, test, evaluation and improvement of USN ATC landing systems and related equipment.

9. Specialty Engineer

- Bachelor's degree from an accredited school in electrical, electronic engineering, physics, or an engineering discipline is required.
- Ten years specific experience in military electronic systems.

10. Field Engineer

- Bachelor's degree from an accredited school in electronics or an engineering discipline is required.
- Six years specific experience in military electronic systems with two years of specific experience in USN ATC landing systems and related equipment

11. Junior Field Engineer

- Bachelor's degree from an accredited school in electronics, or an engineering discipline is required.

12. Junior Mechanical Engineer

- Bachelor's degree from an accredited school in mechanical engineering is required.

13. Senior Technician

- Associate's degree in electrical or electronic engineering.
- Ten years of experience in military electronic systems. Five years of specific experience in field service ACLS and/or Navy/Marine Corps ATC.

OR

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- High School Diploma or equivalent.
- Twelve years of experience in military electronics systems. Six years of specific experience in field service ACLS and/or Navy/Marine Corps ATC.

14. Operations Analyst

- Bachelor's Degree from an accredited school in operations research, mathematics, physics or engineering.
- Four years of experience with the analysis of systems or operations related to SRGPS/PGPS or USN landing systems technology is highly desirable.

OR

- Associates degree in a technical discipline from an accredited school.
- Ten years of experience in operations research related to landing systems technology.

15. Staff Analyst

- Associate's degree in a technical discipline from an accredited school.

OR

- High school diploma.
- Two years of experience in a designated field.

16. Quality Assurance Technician

- Associate's degree in electronic technology plus specialized training requirements in quality assurance/quality control programs.
- Four years of intensive quality assurance/quality control experience in electronic systems including two years in the field of fleet electronic systems.

17. Mid Drafter

- Bachelor's degree in engineering or engineering discipline.
- Two years of experience in drafting in the electronics field.

OR

- Associate's degree in engineering or engineering discipline.
- Four years of experience in drafting in the electronics field.

18. Mid Tech Editor

- Bachelor's degree in English/Technical Writing.
- Four years of U.S. Navy writing/editing experience.

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OR

- Associate's degree in English/Technical Writing.
- Eight years of U.S. Navy writing/editing experience.

19. Technical Administrative Assistant

- Associate's degree in business or related field.
- Four years of office experience including office management, financial analysis, data collection and reports processing.

OR

- High school diploma.
- Six years of office experience including office management, financial analysis, data collection and reports processing.

20. Financial Analyst

- Bachelor's degree from an accredited school in business or a related field.
- Five years of experience with analysis techniques or business management operations

OR

- High school diploma.
- Ten years experience with analysis techniques or business management operations.

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SECTION D PACKAGING AND MARKING

5252.247-9507 PACKAGING AND MARKING OF REPORTS (NAVAIR) (OCT 2005)

(a) All unclassified data shall be prepared for shipment in accordance with best commercial practice. Classified reports, data and documentation, if any, shall be prepared for shipment in accordance with the National Industry Security Program Operating Manual, DoD 5220.22-M.

(b) The contractor shall prominently display on the cover of each report the following information:

- (1) Name and business address of contractor.
- (2) Contract Number/Delivery/Task order number.
- (3) Contract/Delivery/Task order dollar amount.
- (4) Whether the contract was competitively or non-competitively awarded.
- (5) Name of sponsoring individual.
- (6) Name and address of requiring activity.

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SECTION E INSPECTION AND ACCEPTANCE

Inspection and Acceptance

Inspection and Acceptance for CLIN [1000 thru 6400] shall be in accordance with Section E of the SeaPort-e Multiple Award IDIQ contract and supplemented by the following performance assessment standard:

Task Order Performance Standard:

Monthly status reports submitted to the Task Order Manager under subject Task Order shall identify the work that had been performed during the month, deliverables that had been submitted, and the name of the Government representative that had received the deliverable. The Task Order Manager will be required on a monthly basis to rate the quality of deliverables in terms of timeliness and quality on a rating scale of one (1) to five (5). The rating scale is specified in the table and defined below:

Rating Number Rating Description

5 Significantly Exceeds Expectation

4 Exceeds Expectation

3 Meets Expectation

2 Barely Meets Expectation

1 Fails to Meet Expectation

Task Order acceptance will be made by the Task Order Manager upon the Contractor having achieved an overall rating of all deliverables, of "Meets Expectation" or better.

Rating Definitions:

Significantly Exceeds Expectation: Deliverables are completed on or prior to their respective due date 100% of the time without further revisions being required.

Exceeds Expectation: Deliverables are completed on or prior to their respective due date 100% of the time with only minor revisions being required on approximately 5% of items submitted. The required rework does not negatively impact upon the respective program.

Meets Expectation: Deliverables are completed on or prior to their respective due date 100% of the time with minor revisions being required on approximately 10% of items submitted. The required rework does not negatively impact upon the respective program.

Barely Meets Expectation: Deliverables are completed on or prior to their respective due date approximately 95% of the time with minor revisions being required on approximately 15% of items submitted. The delayed submission and required rework of deliverables results in a minor negative impact to the respective program.

Fails to Meet Expectation: Deliverables are completed on or prior to their respective due date less than 90% of the time with significant revisions being required on greater than 15% of items submitted. The delayed submission and required rework of deliverables results in a significant negative impact to the respective program.

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SECTION F DELIVERABLES OR PERFORMANCE

CLIN - DELIVERIES OR PERFORMANCE

The periods of performance for the following firm items are from date of task order award through 12 months thereafter, estimated at:

1000	5/29/2007 - 5/28/2008
1100	3/10/2008 - 5/28/2009
3000	5/29/2007 - 5/28/2008
3100	3/10/2008 - 5/28/2009

The period of performance for the following option items are from date of option exercise through 12 months thereafter, estimated at:

4200	5/29/2009 - 5/28/2010
4300	5/29/2010 - 5/28/2011
4400	5/29/2011 - 5/28/2012
6200	5/29/2009 - 5/28/2010
6300	5/29/2010 - 5/28/2011
6400	5/29/2011 - 5/28/2012

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SECTION G CONTRACT ADMINISTRATION DATA

Task Order Manager
Dave E. Nelson, 4.5.8.2
Webster Field-Bldg 8111
St. Inigoes, MD 20684
david.e.nelson1@navy.mil
301-995-8200

5252.204-9503 EXPEDITING CONTRACT CLOSEOUT (NAVAIR) (JAN 2007)

(a) As part of the negotiated fixed price or total estimated amount of this contract, both the Government and the Contractor have agreed to waive any entitlement that otherwise might accrue to either party in any residual dollar amount of \$1,000 or less at the time of final contract closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to either party at the end of the contract, except that, amounts connected in any way with taxation, allegations of fraud and/or antitrust violations shall be excluded. For purposes of determining residual dollar amounts, offsets of money owed by one party against money that would otherwise be paid by that party might be considered to the extent permitted by law.

(b) This agreement to waive entitlement to residual dollar amounts has been considered by both parties. It is agreed that the administrative costs for either party associated with collecting such small dollar amounts could exceed the amount to be recovered.

5252.232-9504 I SPECIAL PAY INSTRUCTIONS FOR PAYING OFFICE

ALTERNATE I (NAVAIR) (MAY 2006)

(a) All payments against informational (numeric) sub-line items (SLINs) shall be processed manually by the paying office.

(b) Invoices submitted for payment, which do not contain contract line item number (CLIN) or subline item number (SLIN), and the accounting classification references number (ACRN) information, will be returned for correction.

(c) The disbursement of funds will be by the CLIN/SLIN/ACRN designation.

(d) If progress payments are authorized, payments will be made against the unliquidated balance of all applicable CLINs/SLINs.

(e) Information SLINs, e.g. 000101, are as follows:

SLIN	ACRN	AMOUNT OBLIGATED
100001	AA	\$153,600.00
100002	AB	\$176,048.00
100003	AC	\$86,000.00
100004	AD	\$159,007.00
100005	AE	\$57,937.00
100006	AF	\$160,000.00
100007	AG	\$20,000.00
100008	AH	\$85,000.00

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100009	AJ	\$85,000.00
100010	AK	\$369,153.00
100011	AL	\$241,259.00
100012	AM	\$81,690.00
100013	AN	\$244,123.00
100014	AQ	\$280,350.00
100015	AR	\$102,459.00
100016	AS	\$4,884.00
100017	AT	\$121,307.00
100018	AU	\$10,016.00
100019	AV	\$71,790.00
100020	AW	\$17,000.00
100021	AZ	\$900,000.00
100022	BA	\$32,000.00
100023	BB	\$50,000.00
100024	BD	\$524,147.00
100025	BE	\$80,000.00
110001	BH	\$46,200.00
110002	BJ	\$87,063.00
110003	BM	\$1,000,000.00
110004	BQ	\$278,634.55
110005	BS	\$148,968.38
110006	BT	\$22,655.00
110007	BU	\$34,062.00
110008	BV	\$588.00
110009	BW	\$61,155.00
110010	BX	\$25,000.00
110011	BZ	\$72,000.00
110012	CA	\$23,360.00
110013	CD	\$20,420.00
110014	CF	\$50,000.00
110015	CG	\$38,175.00
110016	CG	\$11,200.00
110017	CH	\$40,000.00
110018	CL	\$43,446.00
110019	CN	\$71,000.00
110020	CP	\$40,000.00
110021	CQ	\$24,860.91
110022	CR	\$2,139.09
110023	CT	\$88,895.00
110024	CT	\$25,200.00
110025	CT	\$40,040.00
110026	CU	\$78,312.73
110027	CW	\$1,550.00

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110028	CX	\$1,000,000.00
110029	CY	\$130,000.00
110030	CZ	\$392,566.55
110031	DC	\$1,000,000.00
110032	DD	\$68,000.00
110033	DE	\$208,987.10
110034	DE	\$25,000.00
110035	DE	\$20,000.00
110036	DE	\$5,000.00
110037	DF	\$7,869.85
300001	AP	\$50,000.00
300002	AX	\$30,000.00
300003	AY	\$3,000.00
300004	BC	\$52,762.00
300005	AK	\$51,690.00
300006	AM	\$238,310.00
300007	AN	\$75,000.00
300008	AQ	\$454,650.00
300009	AS	\$40,000.00
300010	BA	\$13,000.00
300011	BF	\$750,153.00
300012	BG	\$62,000.00
310001	BK	\$3,500.00
310002	BL	\$6,000.00
310003	BN	\$1,000,000.00
310004	BP	\$16,698.15
310005	BR	\$25,000.00
310006	BY	\$12,000.00
310007	CB	\$5,000.00
310008	CE	\$7,500.00
310009	CG	\$3,800.00
310010	CH	\$5,000.00
310011	CJ	\$55,000.00
310012	CK	\$67,781.10
310013	CM	\$42,000.00
310014	CN	\$157,000.00
310015	CN	\$30,000.00
310016	CP	\$180,000.00
310017	CQ	\$12,860.91
310018	CS	\$20,000.00
310019	CT	\$4,500.00
310020	CT	\$6,400.00
310021	CV	\$5,000.00
310022	DA	\$10,000.00

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310023	DB	\$58,000.00
310024	DE	\$30,000.00
310025	DE	\$10,000.00
310026	DE	\$12,000.00
310027	DE	\$3,000.00
310028	DF	\$2,260.28
310029	DF	\$90,000.00

5252.232-9510 PAYMENT OF FIXED FEE (NAVAIR) (OCT 2005)

(a) The fixed fee, as specified in Section B of this contract, subject to any adjustment required by other provisions of this contract, will be paid in installments. The fixed fee will be paid not more frequently than [monthly] based on the allowable cost. The amount of each such installment shall be in the same ratio to the total fixed fee as the ["net direct labor hours expended during the installment period is to direct labor hours specified in the clause entitled "Level of Effort"]. Payment shall be made in accordance with FAR Clauses 52.216-7, "Allowable Cost and Payment", and 52.216-8, "Fixed Fee".

(b) In the event of termination of the work in accordance with the FAR Clause 52.232-22, "Limitation of Funds", the fixed fee shall be redetermined by mutual agreement equitably to reflect the reduction of the work performed. The amount by which such fixed fee is less than or exceeds payments previously made on account of fee, shall be paid to (or repaid by) the contractor.

(c) The balance of the fixed fee shall be payable in accordance with other clauses of this contract.

(d) For indefinite delivery type contracts the terms of this clause apply to each delivery/task order there under.

5252.232-9513 INVOICING INSTRUCTIONS AND PAYMENT (WAWF INSTRUCTIONS) (MAR 2006)

(a) Invoices for goods received or services rendered under this contract shall be submitted electronically through Wide Area Work Flow – Receipt and Acceptance (WAWF):

(1) The vendor shall self-register at the web site <https://wawf.eb.mil>. Vendor training is available on the Internet at <http://www.wawftraining.com>. Additional support can be obtained by calling the NAVY WAWF Assistance Line: 1-800-559-WAWF (9293).

(2) WAWF Vendor "Quick Reference" Guides are located at the following web site:
<http://www.acquisition.navy.mil/navyaos/content/view/full/3521>

(3) Select the invoice type within WAWF as specified below. Back up documentation (such as timesheets, etc.) can be included and attached to the invoice in WAWF. Attachments created in any Microsoft Office product are attachable to the invoice in WAWF. Total limit for the size of files per invoice is 5 megabytes.

(b) The following information, regarding invoice routing DODAAC's, must be entered for completion of the invoice in WAWF:

WAWF Invoice Type: Access the following web site for information on invoice types:
http://www.wawftraining.com/courses/_content_package/content_files/menuTree.html- Click on Vendor, then Determine Type of Document to Create.

Issuing Office DODAAC: Enter DODAAC of the activity issuing the contract.**N00421**

Admin Office DODAAC: **See block 6 of Task Order front page.**

Inspector DODAAC (if applicable): **leave blank**

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Ship To DODAAC (for Combo),Service Acceptor DODAAC (for 2 in 1),Service Approver DODAAC (for Final Cost Voucher) (if applicable):Enter DODAAC **N3555A**

Acceptor DODAAC (if applicable): Enter Acceptor DODAAC ****Organization that Government Acceptor Works for N3555A**

Local Processing Office:**Leave blank**

DCAA Office DODAAC (Cost Voucher Approver – if applicable): **Enter DCAA Office DODAAC**

Paying Office DODAAC: **See Block 12 of Task Order front page.**

(c) The contractor shall submit invoices / cost vouchers for payment per contract terms. Contractors approved by DCAA for direct billing will not process vouchers through DCAA, but may submit directly to DFAS. Final voucher submission will be approved by the ACO.

(d) The Government shall process invoices / cost vouchers for payment per contract terms.

(e) For each invoice / cost voucher submitted for payment, the contractor shall also email the WAWF automated invoice notice directly to the following points of contact:

Name: **David E Nelson** david.e.nelson1@navy.mil **301 995 8200 TOM**
Adam Andersen adam.andersen@navy.mil **301 995 8170 Alt TOM**

5252.242-9511 CONTRACT ADMINISTRATION DATA (NAVAIR) (OCT 2005)

(a) Contract Administration Office.

(1) Contract administration functions (see FAR 42.302 and DFARS 242.302) are assigned to: [**See Block 6 of the task order front page**]

(2) Contract administration functions withheld, additional contract administration functions assigned, or special instructions (see FAR 42.202) are: [insert the appropriate information concerning functions withheld or additional functions assigned.]

(3) The Accounting Classification Reference Numbers (ACRN) assigned by the [insert Naval Air Systems Command or other appropriate information] shall be used in applicable contract modifications or orders or modifications thereto issued by the cognizant contract administration office. If no ACRN is assigned by [insert Naval Air Systems Command or other appropriate information], the contract administration office may assign a two-position ACRN that can be either alpha-numeric (A1 through B9 and continuing, if necessary through Z9, excluding the letters “I” and “O”) or alpha (AA through ZZ, excluding the letters “I” and “O”), (see DFARS 204.7101).

(b) Inquiries regarding payment should be referred to: the DFAS Vendor Pay Inquiry System (VPIS) at <http://www.dfas.mil/money/vendor/>. Payment information can be traced using the contract number, check number, CAGE code, DUNS number, or invoice number. The information is available for 90 days after payment is made.

SEA 5252.232-9104 ALLOTMENT OF FUNDS (MAY 1993)

(a) This contract is incrementally funded with respect to both cost and fee. The amount(s) presently available and

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allotted to this contract for payment of fee for incrementally funded contract line item number/contract subline item number (CLIN/SLIN), subject to the clause entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE" (FAR 52.216-10), as appropriate, is specified below. The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

ESTIMATED

BASE YEAR

CLIN 1000 (SLINS 100001 THRU 100025)
ALLOTTED TO COST: \$3,835,083.70
ALLOTTED TO FEE: \$277,686.29
REMAINING UNFUNDED: \$725,700.00
PERIOD OF PERFORMANCE 5/29/2007 THRU 5/28/2008
CLIN 3000 (SLINS 300001 THRU 300012)
ALLOTTED TO COST: \$1,820,565.00
REMAINING UNFUNDED: \$58,000.00

OPTION YEAR 1

CLIN 1100 (SLINS 110001 THRU 110037)
ALLOTTED TO COST: \$4,879,105.85
ALLOTTED TO FEE: \$353,242.31
REMAINING UNFUNDED: \$1,739,679.84
PERIOD OF PERFORMANCE 5/29/2008 THRU 5/28/2009
CLIN 3100 (SLINS 310001 THRU 310029)
ALLOTTED TO COST: \$1,880,300.46
REMAINING UNFUNDED: \$120,904.54

(b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral contract modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.

(c) CLINs/SLINs [N/A] are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable.

(d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the costs of performance of fully funded CLINs/SLINs.

FUNDING PROFILE

It is estimated that these incremental funds will provide for [51,489 **man hours** for current option period.] The following details funding to date:

Total funding (**LABOR & ODCS**) **\$13,045,983.62**

CONTRACT BALANCE	FUNDS THIS ACTION	PREVIOUS FUNDING	FUNDS AVAILABLE	CPFF UNFUNDED
\$14,906,568.00	\$1,482,117.25	\$ 11,563,866.37	\$ 13,045,983.62	\$1,860,584.38

TASK ORDER MANAGER (TOM) APPOINTMENT (APR 2005)

(a) The Task Order Ordering Officer hereby appoints the following individual as the Task Order Manger (TOM) for

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this task order:

Name: Dave Nelson

Code: 4.5.8.2.

**Mailing Address: Naval Air Warfare Center Aircraft Division
Code 4.5.8.2. Attn: Dave Nelson
Bldg 8111 Villa Road
St Inigoes, MD 20684-0010**

Telephone: 301 995 8200

(b) The TOM is responsible for those specific functions assigned in the Task Order Administration Plan, attached.

(c) Only the Task Order Ordering Officer has the authority to modify the terms of the task order. Therefore, in no event will any understanding, agreement, modification, change order, or other matter deviating from the terms of the basic contract or this task order between the contractor and any other person be effective or binding on the Government. If, in the opinion of the contractor, an effort outside the existing scope of this task order is requested, the contractor shall promptly notify the Task Order Ordering Office in writing. No action shall be taken by the contractor unless the Task Order Ordering Officer, PCO or ACO has issued a formal modification.

Accounting Data

SLINID	PR Number	Amount
100001	0010216800	153600.00
LLA :		
AA 97X4930 NH2A 252 77777 0 054219 2F 000000 070059010070 \$153,600.00		
CIN 001021680000004: \$153,600.00		
Cost Code: 070059010070		
100002	0010216800	176048.00
LLA :		
AB 97X4930 NH2A 252 77777 0 054219 2F 000000 070059600030 \$176,048.00		
CIN: 001021680000005 \$176,048.00		
Cost Code: 070059600030		
100003	0010216800	86000.00
LLA :		
AC 97X4930 NH2A 252 77777 0 054219 2F 000000 070059620120 \$86,000.00		
CIN: 001021680000006 \$86,000.00		
Cost Code: 070059620120		
MOD 1		
100004	0010220386	159007.00
LLA :		
AD 97X4930 NH2A 252 77777 0 054219 2F 000000 070059600090		
100005	0010220386	57937.00
LLA :		
AE 97X4930 NH2A 252 77777 0 054219 2F 000000 070059620050		
100006	0010220386	160000.00
LLA :		
AF 97X4930 NH2A 252 77777 0 054219 2F 000000 070059610060		
100007	0010220386	20000.00
LLA :		
AG 97X4930 NH2A 252 77777 0 054219 2F 000000 012059150130		
100008	0010220386	85000.00
LLA :		

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AH 97X4930 NH2A 252 77777 0 054219 2F 000000 012059150120

100009 0010220386 85000.00

LLA :

AJ 97X4930 NH2A 252 77777 0 054219 2F 000000 012059150110

100010 0010220386 420843.00

LLA :

AK 97X4930 NH2A 252 77777 0 054219 2F 000000 012059150100

100011 0010220386 241259.00

LLA :

AL 97X4930 NH2A 252 77777 054219 2F 000000 012059150090

100012 0010220386 320000.00

LLA :

AM 97X4930 NH2A 252 77777 0 054219 2F 000000 011980070090

100013 0010220386 319123.00

LLA :

AN 97X4930 NH2A 252 77777 0 054219 2F 000000 011979980090

300001 0010220386 50000.00

LLA :

AP 97X4930 NH2A 252 77777 0 054219 2F 000000 070059000030

MOD 2

100014 0010224483 735000.00

LLA :

AQ 97X4930 NH2A 252 77777 0 054219 2F 000000 000005186900

Cost Code 000005186900

CIN 0010224483000005

\$735,000

MOD 3

100015 0010228181 102459.00

LLA :

AR 97X4930 NH2A 252 77777 0 054219 2F 000000 070059010200

100016 0010228181 44884.00

LLA :

AS 97X4930 NH2A 252 77777 0 054219 2F 000000 070059600160

100017 0010228181 121307.00

LLA :

AT 97X4930 NH2A 252 77777 0 054219 2F 000000 070059620250

100018 0010228181 10016.00

LLA :

AU 97X4930 NH2A 252 77777 0 054219 2F 000000 070059620250

100019 0010228181 71790.00

LLA :

AV 97X4930 NH2A 252 77777 0 054219 2F 000000 070059610120

100020 0010228181 17000.00

LLA :

AW 97X4930 NH2A 252 77777 0 054219 2F 000000 012126630020

300002 0010228181 30000.00

LLA :

AX 97X4930 NH2A 252 77777 0 054219 2F 000000 070059620250

300003 0010228181 3000.00

LLA :

AY 97X4930 NH2A 252 77777 0 054219 2F 000000 012126630020

MOD 4

100021 0010229741 1500000.00

LLA :

AZ 5773400 3077 874 74304 3 010000 59 200274 12F667100F67 100

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CIN 001022974100004

100022 0010229741 45000.00
 LLA :
 BA 97X4930 NH2A 252 77777 0 054219 2F 000000
 COST CODE: 011878030010
 CIN 001022974100003

100023 0010229741 50000.00
 LLA :
 BB 97X4930 NH2A 252 77777 0 054219 2F 000000
 COST CODE: 012059150100
 CIN 001022974100001

300004 0010229741 52762.00
 LLA :
 BC 97X4930 NH2A 252 77777 0 054219 2F 000000
 COST CODE: 070059000250
 CIN 001022974100002

MOD 7

100010 0010220386 (51690.00)
 LLA :
 AK 97X4930 NH2A 252 77777 0 054219 2F 000000 012059150100

100012 0010220386 (238310.00)
 LLA :
 AM 97X4930 NH2A 252 77777 0 054219 2F 000000 011980070090

100013 0010220386 (75000.00)
 LLA :
 AN 97X4930 NH2A 252 77777 0 054219 2F 000000 011979980090

100014 0010224483 (454650.00)
 LLA :
 AQ 97X4930 NH2A 252 77777 0 054219 2F 000000 000005186900
 COST CODE 000005186900
 CIN 001022448300005
 \$735,000

100016 0010228181 (40000.00)
 LLA :
 AS 97X4930 NH2A 252 77777 0 054219 2F 000000 070059600160

100022 0010229741 (13000.00)
 LLA :
 BA 97X4930 NH2A 252 77777 0 054219 2F 000000
 COST CODE: 011878030010
 CIN 001022974100003

100024 N0001908P8NC05R 1249847.00
 LLA :
 BD 1781319 J7BA 255 00019 0 050120 2D 000000 COST CODE: HQ018P8NC05R

100025 N0001908P8NC05R 80000.00
 LLA :
 BE 1781319 J7BA 255 00019 0 050120 2D 000000 COST CODE: HQ018P8NC05R

300005 N0001908P8NC05R 51690.00
 LLA :
 AK 97X4930 NH2A 252 77777 0 054219 2F 000000 012059150100

300006 N0001908P8NC05R 238310.00
 LLA :
 AM 97X4930 NH2A 252 77777 0 054219 2F 000000 011980070090

300007 N0001908P8NC05R 75000.00
 LLA :
 AN 97X4930 NH2A 252 77777 0 054219 2F 000000 011979980090

300008 454650.00
 LLA :
 AQ 97X4930 NH2A 252 77777 0 054219 2F 000000 000005186900
 Standard Number: N0001908P8NC05R

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300009 N0001908P8NC05R 40000.00
LLA :
AS 97X4930 NH2A 252 77777 0 054219 2F 000000 070059600160

300010 N0001908P8NC05R 13000.00
LLA :
BA 97X4930 NH2A 252 7777 0 054219 2F 000000 011878030010

300011 N0001908P8NC05R 750153.00
LLA :
BF 1781319 J7BA 255 00019 0 050120 2D 000000 COST CODE: HQ018P8NC05R

300012 N0001908P8NC05R 120000.00
LLA :
BG 1781319 J7BA 255 00019 0 050120 2D 000000 COST CODE: HQ018P8NC05R

MOD 8

110001 1300098709 46200.00
LLA :
BH 97X4930 NH2A 255 77777 0 050120 2F 000000 WC018PR01037

110002 1300098709 87063.00
LLA :
BJ 97X4930 NH2A 255 77777 0 050120 2F 000000 WC018PR01037

310001 1300098709 3500.00
LLA :
BK 97X4930 NH2A 255 77777 0 050120 2F 000000 WC018PR01037

310002 1300098709 6000.00
LLA :
BL 97X4930 NH2A 255 77777 0 050120 2F 000000 WC018PR01037

MOD 11

110003 1300105392 1000000.00
LLA :
BM 97X4930 NH2A 255 77777 0 050120 2F 000000 WC018PR03008

310003 1300105392 1000000.00
LLA :
BN 97X4930 NH2A 255 77777 0 050120 2F 000000 WC018PR03008

310004 1300105385 16698.15
LLA :
BP 97X4930 NH2A 255 77777 0 050120 2F 000000 WC018PR03001

MOD 12

110004 1300105208 278634.55
LLA :
BQ 97X4930 NH2A 255 77777 0 050120 2F 000000 WC018PR02961

110005 1300105930 148968.38
LLA :
BS 97X4930 NH2A 255 77777 0 050120 2F 000000 WC018PR03164

310005 1300105208 25000.00
LLA :
BR 97X4930 NH2A 255 77777 0 050120 2F 000000 WC018PR02961

MOD 13

100021 0010229741 (600000.00)
LLA :
AZ 5773400 3077 874 74304 3 010000 59 200274 12F667100F67 100
CIN 001022974100004

MOD 14

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110006 1300110109 22655.00
 LLA :
 BT 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000014166

110007 1300110109 34062.00
 LLA :
 BU 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000014166

110008 1300110109 588.00
 LLA :
 BV 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000014166

110009 1300110109 61155.00
 LLA :
 BW 97X4930 NH2A 255 77777 0 050120 2F 000000 A20000014166

110010 1300110137 25000.00
 LLA :
 BX 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000014014

110011 1300109334 72000.00
 LLA :
 BZ 97X4930 NH2A 255 77777 0 050120 2F 000000 A20000007210

310006 1300110137 12000.00
 LLA :
 BY 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000014014

MOD 15

110012 1300110385 23360.00
 LLA :
 CA 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000016198
 CIN: 130011038500001 \$23,360.00
 Cost Code: A00000016198

110013 1300110385 20420.00
 LLA :
 CD 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000016198
 CIN: 130011038500003 \$20,420.00
 Cost Code: A10000016198

310007 1300110385 5000.00
 LLA :
 CB 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000016198
 CIN: 130011038500002 \$5,000.00
 Cost Code: A00000016198

310008 1300110385 7500.00
 LLA :
 CE 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000016198
 CIN: 130011038500004 \$7,500.00
 Cost Code: A10000016198

MOD 16

110014 1300111025 50000.00
 LLA :
 CF 1781319 Y544 255 00019 0 050120 2D 000000 A00000023324
 CIN: 130011102500001 \$50,000.00
 Cost Code: A00000023324

110015 1300111192 38175.00
 LLA :
 CG 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000025017
 CIN: 130011119200001 \$38,175.00
 Cost Code: A00000025017

110016 1300111192 11200.00
 LLA :
 CG 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000025017
 CIN: 130011119200002 \$11,200.00
 Cost Code: A00000025017

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310009 1300111192 3800.00
 LLA :
 CG 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000025017
 CIN: 130011119200003 \$3,800.00
 Cost Code: A00000025017

MOD 17

110017 1300112722 40000.00
 LLA :
 CH 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000040124
 CIN: 130011272200001 \$40,000.00
 Cost Code: A00000040124

110018 1300112787 43446.00
 LLA :
 CL 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000040808
 CIN: 130011278700010 \$43,446.00
 Cost Code: A00000040808

110019 1300112569 71000.00
 LLA :
 CN 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000038264
 CIN: 130011256900001 \$71,000.00
 Cost Code: A00000038264

110020 1300113304 40000.00
 LLA :
 CP 2172040 0000 76N 6N20P 6 438272 5G YMDEPR JSLJONO:75BM 4FCCM S19130
 CIN: 130011330400001 \$40,000.00
 Cost Code:

110021 1300113285 24860.91
 LLA :
 CQ 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000046291
 CIN: 130011328500001 \$24,860.91
 Cost Code:A00000046291

110022 1300113285 2139.09
 LLA :
 CR 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000046291
 CIN: 130011328500002 \$2,139.09
 Cost Code: A10000046291

110023 1300112861 88895.00
 LLA :
 CT 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000041314
 CIN: 130011286100006 \$88,895.00
 Cost Code: A10000041314

110024 1300112861 25200.00
 LLA :
 CT 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000041314
 CIN: 130011286100007 \$25,200.00
 Cost Code: A10000041314

110025 1300112861 40040.00
 LLA :
 CT 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000041314
 CIN: 130011286100008 \$40,040.00
 Cost Code: A10000041314

110026 1300113352 78312.73
 LLA :
 CU 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000046794
 CIN: 130011335200001 \$78,312.73
 Cost Code: A00000046794

110027 1300113352 1550.00
 LLA :
 CW 97X4930 NH2A 255 77777 0 050120 2F 000000 A20000046794
 CIN: 130011335200003 \$2,668.00
 Cost Code: A20000046794

310010 1300112722 5000.00
 LLA :

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CH 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000040124
CIN: 130011272200002 \$5,000.00
Cost Code: A00000040124

310011 1300112722 55000.00
LLA :
CJ 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000040124
CIN: 130011272200003 \$55,000.00
Cost Code: A00000040124

310012 1300112728 67781.10
LLA :
CK 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000040198
CIN: 130011272800001 \$67,781.10
Cost Code: A00000040198

310013 1300112987 42000.00
LLA :
CM 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000043378
CIN: 130011298700001 \$42,000.00
Cost Code: A00000043378

310014 1300112569 157000.00
LLA :
CN 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000038264
CIN: 130011256900002 \$157,000.00
Cost Code: A00000038264

310015 1300112569 30000.00
LLA :
CN 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000038264
CIN: 130011256900003 \$30,000.00
Cost Code: A00000038264

310016 1300113304 180000.00
LLA :
CP 2172040 0000 76N 6N20P 6 438272 5G YMDEPR JS1JONO:75BM 4FCCM S19130
CIN: 130011330400002 \$180,000.00
Cost Code:

310017 1300113285 12860.91
LLA :
CQ 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000046291
CIN: 130011328500004 \$12,860.91
Cost Code: A10000046291

310018 1300113285 20000.00
LLA :
CS 97X4930 NH2A 255 77777 0 050120 2F 000000 A20000046291
CIN: 130011328500004 \$20,000.00
Cost Code: A20000046291

310019 1300112861 4500.00
LLA :
CT 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000041314
CIN: 130011286100009 \$4,500.00
Cost Code: A10000041314

310020 1300112861 6400.00
LLA :
CT 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000041314
CIN: 130011286100010 \$6,400.00
Cost Code: A10000041314

310021 1300113352 5000.00
LLA :
CV 97X4930 NH2A 255 77777 0 050120 2F 000000 A10000046794
CIN: 130011335200002 \$5,000
Cost Code: A10000046794

MOD 18

100024 N0001908P8NC05R (725700.00)
LLA :
BD 1781319 J7BA 255 00019 0 050120 2D 000000 COST CODE: HQ018P8NC05R

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300012 N0001908P8NC05R (58000.00)
 LLA :
 BG 1781319 J7BA 255 00019 0 050120 2D 000000 COST CODE: HQ018P8NC05R

MOD 20

110028 1300116533 1000000.00
 LLA :
 CX 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000081828
 CIN: 130011653300001 \$1,000,000.00
 Cost Code: A00000081828

MOD 21

110029 1300117027 130000.00
 LLA :
 CY 97X4930 NH2A 255 77777 0 050120 2F 000000 A00000086997 \$130,000.00
 Cost Code: A00000086997
 CIN 130011702700010 \$130,000.00

MOD 22

110030 1300117108 392566.55
 LLA :
 CZ 1781319 J7BA 255 00019 0 050120 2D 000000 COST CODE: A00000087885
 CIN: 130011710800001 : \$392,566.55
 Cost Code: A00000087885

310022 1300119302 10000.00
 LLA :
 DA 97X4930 NH2A 255 77777 0 050120 2F 000000 Cost Code: A00000107709
 CIN: 130011930200001
 Cost Code: A000000107709: \$10,000.00

310023 1300117108 58000.00
 LLA :
 DB 1781319 J7BA 255 00019 0 050120 2D 000000 COST CODE: A00000087885
 CIN: 130011710800002
 Cost Code: A00000087885 :\$58,000.00

MOD 23

110031 1300120650 1000000.00
 LLA :
 DC 97X4930 NH2A 255 77777 0 050120 2F 000000 \$1,000,000.00
 COST CODE: A00000120253
 CIN 130012065000001: \$1,000,000.00

110032 1300121082 68000.00
 LLA :
 DD 97X4930 NH2A 255 77777 0 050120 2F 000000 \$68,000.00
 COST CODE: A10000124791
 CIN 130012108200002: \$68,000.00

110033 1300121078 208987.10
 LLA :
 DE 97x4930 NH2A 255 77777 0 050120 2F 000000
 COST CODE: A00000124714
 CIN 130012107800001: \$208987.10

110034 1300121078 25000.00
 LLA :
 DE 97X4930 NH2A 255 77777 0 050120 2F 000000 \$25,000.00
 COST CODE: A00000124714
 CIN 130012107800002: \$25,000.00

110035 1300121078 20000.00
 LLA :
 DE 97X4930 NH2A 255 77777 0 050120 2F 000000 \$20,000.00
 COST CODE: A00000124714
 CIN 130012107800003: \$20,000.00

110036 1300121078 5000.00

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LLA :
DE 97X4930 NH2A 255 77777 0 050120 2F 000000 \$5,000.00
COST CODE: A00000124714
CIN 130012107800004: \$5,000.00

110037 1300121078 7869.85
LLA :
DF 97X4930 NH2A 255 77777 0 050120 2F 000000 \$7,869.85
COST CODE: A10000124714
CIN 130012107800005: \$7,869.85

310024 1300121078 30000.00
LLA :
DE 97X4930 NH2A 255 77777 0 050120 2F 000000 \$30,000.00
COST CODE; A00000124714
CIN 130012107800006: \$30,000.00

310025 1300121078 10000.00
LLA :
DE 97X4930 NH2A 255 77777 0 050120 2F 000000 \$10,000.00
COST CODE: A00000124714
CIN 130012107800007: \$10,000.00

310026 1300121078 12000.00
LLA :
DE 97X4930 NH2A 255 77777 0 050120 2F 000000 \$12,000.00
COST CODE: A00000124714
CIN 130012107800008: \$12,000.00

310027 1300121078 3000.00
LLA :
DE 97X4930 NH2A 255 77777 0 050120 2F 000000 \$3,000.00
COST CODE: A00000124714
CIN 130012107800009: \$3,000.00

310028 1300121078 2260.30
LLA :
DF 97X4930 NH2A 255 77777 0 050120 2F 000000 \$2,260.30
COST CODE: A10000124714
CIN A130012107800010: \$2,260.30

310029 1300121078 90000.00
LLA :
DF 97X4930 NH2A 255 77777 0 050120 2F 000000 \$90,000.00
COST CODE: A10000124714
CIN 130012107800011: \$90,000.00

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SECTION H SPECIAL CONTRACT REQUIREMENTS

5252.209-9510 ORGANIZATIONAL CONFLICTS OF INTEREST (NAVAIR) (SERVICES)(OCT 2005)

(a) Purpose. This clause seeks to ensure that the contractor (1) does not obtain an unfair competitive advantage over other parties by virtue of its performance of this contract, and (2) is not biased because of its current or planned interests (financial, contractual, organizational or otherwise) that relate to the work under this contract.

(b) Scope. The restrictions described herein shall apply to performance or participation by the contractor (as defined in paragraph (d)(7)) in the activities covered by this clause.

(1) The restrictions set forth in paragraph (e) apply to supplies, services, and other performance rendered with respect to the suppliers and/or equipment listed in Attachment [insert attachment number]. [insert either "Task orders issued under the contract" or "The contract"] will specify to which suppliers and/or equipment subparagraph (f) restrictions apply.

(2) The financial, contractual, organizational and other interests of contractor personnel performing work under this contract shall be deemed to be the interests of the contractor for the purposes of determining the existence of an Organizational Conflict of Interest. Any subcontractor that performs any work relative to this contract shall be subject to this clause. The contractor agrees to place in each subcontract affected by these provisions the necessary language contained in this clause.

(c) Waiver. Any request for waiver of the provisions of this clause shall be submitted in writing to the Procuring Contracting Officer. The request for waiver shall set forth all relevant factors including proposed contractual safeguards or job procedures to mitigate conflicting roles that might produce an Organizational Conflict of Interest. No waiver shall be granted by the Government with respect to prohibitions pursuant to access to proprietary data.

(d) Definitions. For purposes of application of this clause only, the following definitions are applicable:

(1) "System" includes system, major component, subassembly or subsystem, project, or item.

(2) "Nondevelopmental items" as defined in FAR 2.101.

(3) "Systems Engineering" (SE) includes, but is not limited to, the activities in FAR 9.505-1(b).

(4) "Technical direction" (TD) includes, but is not limited to, the activities in FAR 9.505-1(b).

(5) "Advisory and Assistance Services" (AAS) are those services acquired from non-governmental sources to support or improve agency policy development or decision making; or, to support or improve the management of organizations or the operation of hardware systems. Such services may encompass consulting activities, engineering and technical services, management support services and studies, analyses and evaluations.

(6) "Consultant services" as defined in FAR 31.205-33(a).

(7) "Contractor", for the purposes of this clause, means the firm signing this contract, its subsidiaries and affiliates, joint ventures involving the firm, any entity with which the firm may hereafter merge or affiliate, and any other successor or assignee of the firm.

(8) "Affiliates," means officers or employees of the prime contractor and first tier subcontractors involved in the program and technical decision-making process concerning this contract.

(9) "Interest" means organizational or financial interest.

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(10) "Weapons system supplier" means any prime contractor or first tier subcontractor engaged in, or having a known prospective interest in the development, production or analysis of any of the weapon systems, as well as any major component or subassembly of such system.

(e) Contracting restrictions.

[X] (1) To the extent the contractor provides systems engineering and/or technical direction for a system or commodity but does not have overall contractual responsibility for the development, the integration, assembly and checkout (IAC) or the production of the system, the contractor shall not (i) be awarded a contract to supply the system or any of its major components or (ii) be a subcontractor or consultant to a supplier of the system or of its major components. The contractor agrees that it will not supply to the Department of Defense (either as a prime contractor or as a subcontractor) or act as consultant to a supplier of, any system, subsystem, or major component utilized for or in connection with any item or other matter that is (directly or indirectly) the subject of the systems engineering and/or technical direction or other services performed under this contract for a period of [insert the period of prohibition] after the date of completion of the contract. (FAR 9.505-1(a))

[X] (2) To the extent the contractor prepares and furnishes complete specifications covering nondevelopmental items to be used in a competitive acquisition, the contractor shall not be allowed to furnish these items either as a prime contractor or subcontractor. This rule applies to the initial production contract, for such items plus a specified time period or event. The contractor agrees to prepare complete specifications covering non-developmental items to be used in competitive acquisitions, and the contractor agrees not to be a supplier to the Department of Defense, subcontract supplier, or a consultant to a supplier of any system or subsystem for which complete specifications were prepared hereunder. The prohibition relative to being a supplier, a subcontract supplier, or a consultant to a supplier of these systems of their subsystems extends for a period of [insert the period of prohibition] after the terms of this contract. (FAR 9.505-2(a)(1))

[X] (3) To the extent the contractor prepares or assists in preparing a statement of work to be used in competitively acquiring a system or services or provides material leading directly, predictably and without delay to such a work statement, the contractor may not supply the system, major components thereof or the services unless the contractor is the sole source, or a participant in the design or development work, or a contractor involved in preparation of the work statement. The contractor agrees to prepare, support the preparation of or provide material leading directly, predictably and without delay to a work statement to be used in competitive acquisitions, and the contractor agrees not to be a supplier or consultant to a supplier of any services, systems or subsystems for which the contractor participated in preparing the work statement. The prohibition relative to being a supplier, a subcontract supplier, or a consultant to a supplier of any services, systems or subsystems extends for a period of [insert the period of prohibition] after the terms of this contract. (FAR 9.505-2(a)(1))

[X] (4) To the extent work to be performed under this contract requires evaluation of offers for products or services, a contract will not be awarded to a contractor that will evaluate its own offers for products or services, or those of a competitor, without proper safeguards to ensure objectivity to protect the Government's interests. Contractor agrees to the terms and conditions set forth in the Statement of Work that are established to ensure objectivity to protect the Government's interests. (FAR 9.505-3)

[X] (5) To the extent work to be performed under this contract requires access to proprietary data of other companies, the contractor must enter into agreements with such other companies which set forth procedures deemed adequate by those companies (i) to protect such data from unauthorized use or disclosure so long as it remains proprietary and (ii) to refrain from using the information for any other purpose other than that for which it was furnished. Evidence of such agreement(s) must be made available to the Procuring Contracting Officer upon request. The contractor shall restrict access to proprietary information to the minimum number of employees necessary for performance of this contract. Further, the contractor agrees that it will not utilize proprietary data obtained from such other companies in preparing proposals (solicited or unsolicited) to perform additional services or studies for the United States Government. The contractor agrees to execute agreements with companies furnishing proprietary data in connection with work performed under this contract, obligating the contractor to protect such data from unauthorized use or disclosure so long as such data remains proprietary, and to furnish copies of such agreement to the Contracting Officer. Contractor further agrees that such proprietary data shall not be used in performing for the Department of Defense additional work in the same field as work performed under this contract if such additional work is procured competitively. (FAR 9.505-4(b))

[X] (6) Preparation of Statements of Work or Specifications. If the contractor under this contract assists substantially in the preparation of a statement of work or specifications, the contractor shall be ineligible to perform

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or participate in any capacity in any contractual effort (solicited or unsolicited) that is based on such statement of work or specifications. The contractor shall not incorporate its products or services in such statement of work or specifications unless so directed in writing by the Contracting Officer, in which case the restrictions in this subparagraph shall not apply. Contractor agrees that it will not supply to the Department of Defense (either as a prime contractor or as a subcontractor) or act as consultant to a supplier of, any system, subsystem or major component utilized for or in connection with any item or work statement prepared or other services performed or materials delivered under this contract, and is procured on a competitive basis, by the Department of Defense with [insert the period of prohibition] after completion of work under this contract. The provisions of this clause shall not apply to any system, subsystem, or major component for which the contractor is the sole source of supply or which it participated in designing or developing. (FAR 9.505-4(b))

[] (7) Advisory and Assistance Services (AAS). If the contractor provides AAS services as defined in paragraph (d) of this clause, it shall be ineligible thereafter to participate in any capacity in Government contractual efforts (solicited or unsolicited) which stem directly from such work, and the contractor agrees not to perform similar work for prospective offerors with respect to any such contractual efforts. Furthermore, unless so directed in writing by the Contracting Officer, the contractor shall not perform any such work under this contract on any of its products or services, or the products or services of another firm for which the contractor performs similar work. Nothing in this subparagraph shall preclude the contractor from competing for follow-on contracts for AAS.

(f) Remedies. In the event the contractor fails to comply with the provisions of this clause, such noncompliance shall be deemed a material breach of the provisions of this contract. If such noncompliance is the result of conflicting financial interest involving contractor personnel performing work under this contract, the Government may require the contractor to remove such personnel from performance of work under this contract. Further, the Government may elect to exercise its right to terminate for default in the event of such noncompliance. Nothing herein shall prevent the Government from electing any other appropriate remedies afforded by other provisions of this contract, or statute or regulation.

(g) Disclosure of Potential Conflicts of Interest. The contractor recognizes that during the term of this contract, conditions may change which may give rise to the appearance of a new conflict of interest. In such an event, the contractor shall disclose to the Government information concerning the new conflict of interest. The contractor shall provide, as a minimum, the following information:

(1) a description of the new conflict of interest (e.g., additional weapons systems supplier(s), corporate restructuring, new first-tier subcontractor(s), new contract) and identity of parties involved;

(2) a description of the work to be performed;

(3) the dollar amount;

(4) the period of performance; and

(5) a description of the contractor's internal controls and planned actions, to avoid any potential organizational conflict of interest.

5252.211-9502 GOVERNMENT INSTALLATION WORK SCHEDULE (NAVAIR) (OCT 2005)

(a) The Holidays applicable to this contract are: New Year's Day, Martin Luther King's Birthday, President's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

(b) In the event that the contractor is prevented from performance as the result of an Executive Order or an administrative leave determination that applies to the using activity, such time may be charged to the contract as a direct cost provided such charges are consistent with the contractor's accounting practices. In the event that any of the above holidays occur on a Saturday or Sunday, then such holiday shall be observed as they are by the assigned Government employees at the using activity.

5252.237-9501 ADDITION OR SUBSTITUTION OF KEY PERSONNEL (SERVICES) (NAVAIR)(OCT 2005)

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(a) A requirement of this contract is to maintain stability of personnel proposed in order to provide quality services. The contractor agrees to assign only those key personnel whose resumes were submitted and approved, and who are necessary to fulfill the requirements of the effort. The contractor agrees to assign to any effort requiring non-key personnel only personnel who meet or exceed the applicable labor category descriptions. No substitution or addition of personnel shall be made except in accordance with this clause.

(b) If personnel for whatever reason become unavailable for work under the contract for a continuous period exceeding thirty (30) working days, or are expected to devote substantially less effort to the work than indicated in the proposal, the contractor shall propose a substitution to such personnel, in accordance with paragraph (d) below.

(c) The contractor agrees that [insert "during the term of the contract" or "during the first ____ months of the contract"], no key personnel substitutions or additions will be made unless necessitated by compelling reasons including, but not limited to: an individual's illness, death, termination of employment, declining an offer of employment (for those individuals proposed as contingent hires), or family friendly leave. In such an event, the contractor must promptly provide the information required by paragraph (d) below to the Contracting Officer for approval prior to the substitution or addition of key personnel.

(d) All proposed substitutions shall be submitted, in writing, to the Contracting Officer at least fifteen (15) days (thirty (30) days if a security clearance must be obtained) prior to the proposed substitution. Each request shall provide a detailed explanation of the circumstances necessitating the proposed substitution, a complete resume for the proposed substitute, information regarding the full financial impact of the change, and any other information required by the Contracting Officer to approve or disapprove the proposed substitution. All proposed substitutes (no matter when they are proposed during the performance period) shall have qualifications that are equal to or higher than the qualifications of the person being replaced.

(e) In the event a requirement to increase the specified level of effort for a designated labor category, but not the overall level of effort of the contract occurs, the offeror shall submit to the Contracting Officer a written request for approval to add personnel to the designated labor category. The information required is the same as that required in paragraph (d) above. The additional personnel shall have qualifications greater than or equal to at least one (1) of the individuals proposed for the designated labor category.

(f) The Contracting Officer shall evaluate requests for substitution and addition of personnel and promptly notify the offeror, in writing, of whether the request is approved or disapproved.

(g) If the Contracting Officer determines that suitable and timely replacement of personnel who have been reassigned, terminated or have otherwise become unavailable to perform under the contract is not reasonably forthcoming or that the resultant reduction of productive effort would impair the successful completion of the contract or the task order, the contract may be terminated by the Contracting Officer for default or for the convenience of the Government, as appropriate. Alternatively, at the Contracting Officer's discretion, if the Contracting Officer finds the contractor to be at fault for the condition, he may equitably adjust (downward) the contract price or fixed fee to compensate the Government for any delay, loss or damage as a result of the contractor's action.

(h) Noncompliance with the provisions of this clause will be considered a material breach of the terms and conditions of the contract for which the Government may seek any and all appropriate remedies including Termination for Default pursuant to FAR Clause 52.249-6, Alt IV, "Termination (Cost-Reimbursement)".

5252.242-9502 TECHNICAL DIRECTION (NAVAIR) (OCT 2005)

(a) When necessary, technical direction or clarification concerning the details of specific tasks set forth in the contract shall be given through issuance of Technical Direction Letters (TDLs) by the Contracting Officer's Representative (COR).

(b) Each TDL shall be in writing and shall include, as a minimum, the following information:

(1) Date of TDL:

(2) Contract and TDL number;

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(3) Reference to the relevant section or item in the statement of work;

(4) Signature of COR.

(5) The specific direction provided to the contractor.

(c) Each TDL issued hereunder is subject to the terms and conditions of this contract; and in no event shall technical directions constitute an assignment of new work or changes to such nature as to justify any adjustment to the fixed fee, estimated costs, or delivery terms under the contract. In the event of a conflict between a TDL and this contract, the contract shall control.

(d) When in the opinion of the contractor a technical direction calls for effort outside the contract statement of work, the contractor shall notify the Contracting Officer thereof in writing, with a copy to the COR, within two (2) working days of having received the technical direction in question. The contractor shall undertake no performance to comply with the technical direction until the matter has been resolved by the Contracting Officer through formal contract modification or other appropriate action.

(e) Oral technical directions may be given by the COR only in emergency circumstances, and provided that any oral technical direction given is reduced in writing by the COR within two (2) working days of its issuance.

(f) Amendments to a TDL shall be in writing and shall include the information set forth in paragraph (b) above. A TDL may be amended orally only by [insert the name, title and/or code of the individual authorized to orally amend technical direction letters] in emergencies; oral amendments shall be confirmed in writing within two (2) working days from the time of the oral communication amending the TDL by a TDL modification.

(g) Any effort undertaken by the contractor pursuant to oral or written technical directions issued other than in accordance with the provisions herein shall be at the contractor's risk of not recovering related costs incurred and corresponding proportionate amount of fixed fee, if any.

(h) The COR must provide a copy of the TDL to the Contracting Officer and the Administrative Contracting Officer (If contractor had on-site DCMS) within two (2) days of issuance.

(i) The COR must retain a copy for the files.

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SECTION I CONTRACT CLAUSES

252.227-7025 LIMITATIONS ON THE USE OR DISCLOSURE OF GOVERNMENT-FURNISHED INFORMATION MARKED WITH RESTRICTIVE LEGENDS (JUN 1995)

(a)(1) For contracts requiring the delivery of technical data, the terms "limited rights" and "Government purpose rights" are defined in the Rights in Technical Data--Noncommercial Items clause of this contract.

(2) For contracts that do not require the delivery of technical data, the terms "government purpose rights" and "restricted rights" are defined in the Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation clause of this contract.

(3) For Small Business Innovative Research program contracts, the terms "limited rights" and "restricted rights" are defined in the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovative Research (SBIR) Program clause of this contract.

(b) Technical data or computer software provided to the Contractor as Government furnished information (GFI) under this contract may be subject to restrictions on use, modification, reproduction, release, performance, display, or further disclosure.

(1) GFI marked with limited or restricted rights legends. The Contractor shall use, modify, reproduce, perform, or display technical data received from the Government with limited rights legends or computer software received with restricted rights legends only in the performance of this contract. The Contractor shall not, without the express written permission of the party whose name appears in the legend, release or disclose such data or software to any person.

(2) GFI marked with government purpose rights legends. The Contractor shall use technical data or computer software received from the Government with government purpose rights legends for government purposes only. The Contractor shall not, without the express written permission of the party whose name appears in the restrictive legend, use, modify, reproduce, release, perform, or display such data or software for any commercial purpose or disclose such data or software to a person other than its subcontractors, suppliers, or prospective subcontractors or suppliers, who require the data or software to submit offers for, or perform, contracts under this contract. Prior to disclosing the data or software, the Contractor shall require the persons to whom disclosure will be made to complete and sign the non-disclosure agreement at 227.7103-7 of the Defense Federal Acquisition Regulation Supplement (DFARS).

(3) GFI marked with specially negotiated license rights legends. The Contractor shall use, modify, reproduce, release, perform, or display technical data or computer software received from the Government with specially negotiated license legends only as permitted in the license. Such data or software may not be released or disclosed to other persons unless permitted by the license and, prior to release or disclosure, the intended recipient has completed the non-disclosure agreement at DFARS 227.7103-7. The Contractor shall modify paragraph (1)(c) of the non-disclosure agreement to reflect the recipient's obligations regarding use, modification, reproduction, release, performance, display, and disclosure of the data or software.

(c) Indemnification and creation of third party beneficiary rights. The Contractor agrees--

(1) To indemnify and hold harmless the Government, its agents, and employees from every claim or liability, including attorneys fees, court costs, and expenses, arising out of, or in any way related to, the misuse or unauthorized modification, reproduction, release, performance, display, or disclosure of technical data or computer software received from the Government with restrictive legends by the Contractor or any person to whom the Contractor has released or disclosed such data or software; and

(2) That the party whose name appears on the restrictive legend, in addition to any other rights it may have, is a third party beneficiary who has the right of direct action against the Contractor, or any person to whom the Contractor has released or disclosed such data or software, for the unauthorized duplication, release, or disclosure of technical data

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or computer software subject to restrictive legends. 252.227-7025 LIMITATIONS ON THE USE OR DISCLOSURE OF GOVERNMENT-FURNISHED INFORMATION MARKED WITH RESTRICTIVE LEGENDS (JUN 1995)

(a)(1) For contracts requiring the delivery of technical data, the terms "limited rights" and "Government purpose rights" are defined in the Rights in Technical Data--Noncommercial Items clause of this contract.

(2) For contracts that do not require the delivery of technical data, the terms "government purpose rights" and "restricted rights" are defined in the Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation clause of this contract.

(3) For Small Business Innovative Research program contracts, the terms "limited rights" and "restricted rights" are defined in the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovative Research (SBIR) Program clause of this contract.

(b) Technical data or computer software provided to the Contractor as Government furnished information (GFI) under this contract may be subject to restrictions on use, modification, reproduction, release, performance, display, or further disclosure.

(1) GFI marked with limited or restricted rights legends. The Contractor shall use, modify, reproduce, perform, or display technical data received from the Government with limited rights legends or computer software received with restricted rights legends only in the performance of this contract. The Contractor shall not, without the express written permission of the party whose name appears in the legend, release or disclose such data or software to any person.

(2) GFI marked with government purpose rights legends. The Contractor shall use technical data or computer software received from the Government with government purpose rights legends for government purposes only. The Contractor shall not, without the express written permission of the party whose name appears in the restrictive legend, use, modify, reproduce, release, perform, or display such data or software for any commercial purpose or disclose such data or software to a person other than its subcontractors, suppliers, or prospective subcontractors or suppliers, who require the data or software to submit offers for, or perform, contracts under this contract. Prior to disclosing the data or software, the Contractor shall require the persons to whom disclosure will be made to complete and sign the non-disclosure agreement at 227.7103-7 of the Defense Federal Acquisition Regulation Supplement (DFARS).

(3) GFI marked with specially negotiated license rights legends. The Contractor shall use, modify, reproduce, release, perform, or display technical data or computer software received from the Government with specially negotiated license legends only as permitted in the license. Such data or software may not be released or disclosed to other persons unless permitted by the license and, prior to release or disclosure, the intended recipient has completed the non-disclosure agreement at DFARS 227.7103-7. The Contractor shall modify paragraph (1)(c) of the non-disclosure agreement to reflect the recipient's obligations regarding use, modification, reproduction, release, performance, display, and disclosure of the data or software.

(c) Indemnification and creation of third party beneficiary rights. The Contractor agrees--

(1) To indemnify and hold harmless the Government, its agents, and employees from every claim or liability, including attorneys fees, court costs, and expenses, arising out of, or in any way related to, the misuse or unauthorized modification, reproduction, release, performance, display, or disclosure of technical data or computer software received from the Government with restrictive legends by the Contractor or any person to whom the Contractor has released or disclosed such data or software; and

(2) That the party whose name appears on the restrictive legend, in addition to any other rights it may have, is a third party beneficiary who has the right of direct action against the Contractor, or any person to whom the Contractor has released or disclosed such data or software, for the unauthorized duplication, release, or disclosure of technical data or computer software subject to restrictive legends.

52.217-8 OPTION TO EXTEND SERVICES (NOV 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the

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contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within _60 days____ [insert the period of time within which the Contracting Officer may exercise the option].

52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium cost does not exceed [zero] or the overtime premium is paid for work --

(1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;

(2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;

(3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or

(4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall--

(1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;

(2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;

(3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and

(4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

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SECTION J LIST OF ATTACHMENTS

Section J Attachment 1 DD Form 1423-2 Contract Data Requirements List

Section J Attachment 2 DD254 Final

Section J Attachment 3 Performance Matrix, Standards Definition and Quality Assurance Surveillance Plan

Section J Attachment 4 OPSEC Plan DID DI-MGMT-80934A

Section J Attachment 5 FOUO DD254

Section J Attachment 6 OPSEC CDRL Rev1