

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 21
2. AMENDMENT/MODIFICATION NO. P00001	3. EFFECTIVE DATE 11-Jun-2008	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)
6. ISSUED BY CDR NAWCVD CODE 210000D ATTN: D. WINFIELD (760) 939-9661 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES DBA: NAVAL SYSTEMS GROUP 1550 N. NORMA STREET RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual agreement of both parties				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: winfield08708 The purpose of this modification is to incorporate the updates and changes as shown herein.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LEA ANN DAVIS / PROCURING CONTRACTING OFFICER TEL: (760) 939-8197 EMAIL: leaann.davis@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Lea Ann Davis</i> (Signature of Contracting Officer)	16C. DATE SIGNED 11-Jun-2008	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

The purpose of this modification is to add, modify or revise the following:

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been added by full text:

5252.204-9505 INFORMATION ASSURANCE AND PERSONNEL SECURITY REQUIREMENTS FOR ACCESSING GOVERNMENT INFORMATION TECHNOLOGY SYSTEMS (OCT 2007)

(a) Contractor personnel assigned to perform work under this contract may require access to Government IT Systems. Contractor personnel requiring access to Government IT Systems shall comply with AIR-7.2/7.4 Policy Memo 5510, "Information Technology (IT) Positions" dtd 17 May 2007 or latest version thereof, available at [IT POSITIONS.pdf](#) as amended [IT Policy Amendment 6 June 07](#) or through the Procuring Contracting Officer (PCO). Prior to accessing any Government IT System, contractor personnel shall submit a completed Systems Authorization Access Request (SAAR), DD Form 2875, Annual Information Assurance (IA) training certificate, and initiate the requisite background investigation (or provide proof of a current background investigation) to the Contracting Officer's Representative (COR). For purposes of this clause, reference to the COR shall mean the PCO for contracts that do not have a designated COR. In order to maintain access to required systems, the contractor shall ensure completion of annual IA training, monitor expiration of requisite background investigations, and initiate re-investigations as required.

(b) Contractor personnel shall complete, sign and date Part I of the SAAR (available at [DD2875 12 June 2006.pdf](#)) and coordinate with the COR to designate in Part III, block 28c, the appropriate IT level designation (IT-1, IT-2, or IT-3). The completed SAAR and proof of a current background investigation is to be provided to the COR. The COR will review the SAAR submitted by the contractor, and if the COR concurs that the contractor requires the IT access designated, the COR will complete and sign Part II. When a background investigation is required, contractor personnel shall coordinate with Command Personnel Security, AIR-7.4, and follow the procedures as described at the NAVAIR website [IT Positions Process for Contractors.doc](#).

(c) The contractor shall provide separate Information Technology Personnel Security Reports to the COR and to NAVAIR Security in accordance with CDRLs **A00G** and **CDRL A00H**. The report submitted to the COR shall not contain Social Security information that is required in the report submitted to NAVAIR Security. Both reports shall show that all contractor personnel meet the requirements for obtaining access to Government IT Systems, and that all requirements are verified and validated thereafter on an annual basis. All prime, subcontractor, consultants, and temporary employees shall be included in the reports. Revised reports shall be submitted when gains and/or losses of employees occur to ensure that all employees comply with these requirements prior to accessing Government IT Systems.

The following have been modified:

**Performance Work Statement (PWS) for the Scientific,
Technical, Administrative, and Research, Development, Test, & Evaluation Services (STARS)
Revised 15 May 2008**

1 SCOPE.

1.0.1 The scope of this contract effort encompasses the services and materials necessary to support the analysis, design, development, test, integration, deployment, and operations of information technology (IT) systems and services. These services sustain the research, development, test and evaluation (RDT&E), and business/administrative functions in support of the Naval Air Warfare Center Weapons Division (NAWCWD).

1.0.2 This Scientific, Technical, Administrative, and Research, Development, Test, & Evaluation Services (STARS) contract will serve as one of the key support elements that allows NAWCWD to fulfill its mission. The NAWCWD environment today includes the spectrum of RDT&E infrastructure, systems, and functions necessary to carry out the "weaponering" charter of the organization. NAWCWD currently provides weapons related efforts from basic scientific research to in-service engineering support.

1.0.3 To fulfill the requirements of this contract and to most effectively employ the spectrum of service contracts available for the support of NAWCWD, the Government reserves the right to unilaterally determine the most appropriate contractual vehicle to be utilized so long as the requirement is within the scope of the contract and the use of the contract is not contrary to law or regulation. In those cases where there is overlapping coverage between two or more service contracts, the Government will make a unilateral determination as to which contract(s) should be used to best meet the Government's requirements. Some requirements may be an integral part of other efforts and it may be in the best interest of the Government to utilize this contract for those in-scope requirements. These determinations are not subject to the "Disputes" Clause of this contract. The only guarantee to the contractor is that the Government will place orders to meet the minimum specified herein.

1.0.4 Future requirements for the Seaport Contract and Base Realignment and Closure (BRAC) to this contract are unknown. If impacted, and once the extent of the impact to the contract is known, the contract (or resultant task orders) will be modified appropriately.

1.1 Background.

1.1.1 The NAWCWD, of the Naval Air Systems Command (NAVAIR), consists of the following sites: NAWCWD China Lake, NAWCWD Point Mugu; Naval Air Weapons Station (NAWS), China Lake; and attached activities such as Air Test and Evaluation Squadron Nine, and also any activity or location which directly supports the program mission of both NAWCWD and NAVAIR. Work shall also be performed at various locations throughout the United States.

1.1.2 The Mission of the Naval Air Warfare Center Weapons Division is to be the Navy's full-spectrum research, development, test and evaluation, and in-service engineering center for weapons systems associated with air warfare (except antisubmarine warfare systems), missiles and missile subsystems, aircraft weapons integration, and assigned airborne electronic warfare systems; and to maintain and operate the air, land, and sea Naval Western Test Range Complex. Detailed information on the complete set of NAWCWD products, services, and programs can be found at the following web-site: <http://www.nawcwg.navy.mil>.

1.2 RDT&E Information Technology (IT) Environment.

1.2.1 Communication Systems: The NAWCWD RDT&E Information Technology (IT) resources consist of a variety of infrastructures and systems located throughout the division. The communication systems range from special purpose stand-alone data systems and laboratory networks to large infrastructures. These systems transmit voice, video, and data for a diverse set of research and testing requirements. Uses include modeling and simulation; weapons planning system development, training, and operations; software and hardware development and testing, and range telemetry data collection, transmission, and reduction.

1.2.2 Computing Systems: The NAWCWD RDT&E computing capabilities consist of a variety of scientific and engineering systems and technologies that range from obsolescent to experimental. These capabilities also include sophisticated prototypes or experimental systems and technologies including artificial neural networks, virtual reality/synthetic environments, decision support systems, target recognition systems, avionics/embedded IT resources, geographical information systems and a host of other leading edge techniques and technologies of interest to the NAWCWD.

1.3 Software Process Environment.

1.3.1 The application and management of software development methods, practices and documentation varies from platform to platform in the NAWCWD scientific and engineering environment just as it does in the business and administrative environments. The software process related to the business and administrative functions are centered on standard industry methods and practices. In contrast, the scientific, engineering, and program specific environments follow a more Government-oriented software-engineering-environment standard, which includes Department of Defense (DoD) regulations and other software process environments.

1.3.2 The NAWCWD maintains a software process environment (SPE) for the development of weapon/aircraft tactical and support system software in accordance with DoD-STD-2167A/MIL STD 498. The NAWCWD has instituted an active program for the NAWCWD Software Process Improvement Initiative to improve its software and system engineering design/development/test processes to a higher maturity level in accordance with the Capability Maturity Model (CMM) principles developed by the Software Engineering Institute (SEI).

1.4 Subcontracting Requirements For Small Business And Small Disadvantaged Business Concerns.

1.4.1 This requirement does not apply to small disadvantaged business concerns. If the prime contractor is a small business concern, then paragraph 1.4.1.1 below does not apply to this contract. However, if the contract is awarded to a small business or a small disadvantaged business concern, the awarded contract shall include FAR clause 52.219-14 "Limitations on Subcontracting." For other concerns, the contractor shall meet the following minimum goals for awards of subcontract(s) to and utilization of small business and small disadvantaged business concern(s):

1.4.1.1 At least twenty-five percent (25%) of the total Level of Effort delivered under the contract shall be performed by small business concern(s) as defined by FAR 19.001.

1.4.1.2 At least ten percent (10%) (40% of the portion set-aside for small businesses) of the total Level of Effort delivered under the contract shall be performed by small disadvantaged business concerns as defined by FAR 19.001.

1.4.1.3 To assure further development of small business concerns, the work distributed to small business and small disadvantaged business will be required to be distributed in the same proportionate manner and labor mix among all labor groups (Professional; Specialist/Technical; and Administrative Support) as shown in Section B.

1.5 Local Facilities.

1.5.1 The contractor shall establish a facility located within 15 minutes of the main gate of NAWCWD, China Lake. These facilities shall meet the security requirements as outlined in the attached DD Form 254.

1.5.2 The contractor shall provide workspaces within their local facility for the contractor's administrative staff and 1% of the contractor's technical staff. However, the contractor shall be prepared to provide workspaces for up to 5% of the contractor's technical staff within their local facility. NAWCWD work spaces will be provided for the remainder of the contractor's technical workforce. Government provided work spaces will include desk units, phones and the computing equipment necessary for performance.

2 APPLICABLE DOCUMENTS.

2.0.1 Standard requirement documents (Government and Industry Specifications and Standards), reference texts, specific design requirements, and other references will be defined by individual task orders (T.O.s). All documents, except Information Assurance (IA) documents, cited in this PWS are for background information only. All IA will be in compliance with the following:

CJCSI 6211.02B, Defense Information System Network (DISN): Policy Responsibilities and Processes, 31 July 2003
CJCSI 6212.01C, Interoperability and Supportability of Information Technology and National Security Systems, 20 November 2003
CJCSI 6215.01B, Policy for Department of Defense Voice Networks, 23 September 2001
CJCSI 6250.01A, Satellite Communications, 28 May 2004
Chairman Joint Chiefs of Staff Manual (CJCSM) 6510.01, Information Assurance (IA) and Computer Network Defense (CND), 25 March 2003
CJCSI 6510.01D, IA and CND, 15 June 2004

CNO N614/HQMC C4, Navy-Marine Corps Unclassified Trusted Network Protection (UTN-Protect) Policy, Version 1.0, 31 October 2002

DoN CIO Guidance on Information Management/IT Inherently Governmental Functions, November 2001
DON IA Publication Series

DoDD 3020.26, Continuity of Operations (COOP) Policy and Planning, 26 May 1995
DoDI 4630.8, Procedures for Interoperability and Supportability of IT and NSS, 30 June 2004
DoDD 4630.5, Interoperability and Supportability of IT and NSS, 5 May 2004
DoDD 5000.1, The Defense Acquisition System, 12 May 2003
DoDI 5000.2, Operation of the Defense Acquisition System, 12 May 2003
DoD 5200.2-R, DoD Personnel Security Program, January 1987

DoDD 8100.1, Global Information Grid (GIG) Overarching Policy, 19 September 2002
DoDI 8100.2, Use of Commercial Wireless Devices, Services, and Technologies in the DoD Global Information Grid (GIG), 14 April 2004
DoDI 8100.3, DoD Voice Networks, 16 January 2004
DoDD 8190.3, Smart Card Technology, 31 August 2002
DoDD 8320.2, Data Sharing in a Net-Centric DoD, 2 December 2004
DoDD 8500.1, Information Assurance, 24 October 2002
DoDI 8500.2, Information Assurance Implementation, 6 February 2003
DoD 8510.1-M, DITSCAP Application Manual, 31 July 2000
DoDI 8520.2, Public Key Infrastructure (PKI) and Public Key (PK) Enabling, 1 April 2004
DoDI 8551.1, Ports, Protocols, and Services Management (PPSM), 13 August 2004
DoDD 8570.1, IA Training, Certification, and Workforce Management, 15 August 2004
DoD 8570.01-M Information Assurance Workforce Improvement Program December 19, 2005.
DoDI 8580.1, Information Assurance (IA) in the Defense Acquisition, 9 July 2004
DoDD C-5200.5, Communications Security (COMSEC), 21 April 2000

DoDI 8510.bb Interim DoD Information Assurance Certification and Accreditation Process (DIACAP), 06 July 2006

Executive Order 12958, as amended, Classified National Security Information, 17 April 1995

Executive Order 12333, United States Intelligence Activities, 4 December 1981

Federal Information Security Management Act of 2002, Title III of E-Government Act of 2002 (PL 107-347)
Computer Security Act of 1987 (PL 100-235)

Homeland Security Presidential Directive (HSPD-7), Critical Infrastructure Identification, Prioritization, and Protection, 17 December 2003

NAVSO 5239.1--Introduction to Information Systems Security

NAVSO 5239.2--Terms, Abbreviations, and Acronyms

NSTISSP No.11, National Policy Governing the Acquisition of IA and IA-Enabled IT Products, January 2000

OMB Circular A-130, Management of Federal Information Resources, 28 November 2000

OPNAVINST 5239.1B, Navy IA Program, 9 November 1999

SECNAVINST M-5239.11, DON Information Assurance Program; Information Assurance Manual, November 2005

SECNAVINST 5239.3A, DON Information Assurance Policy, 20 December 2004

SECNAVINST 5211.5D, DON Privacy Act Program, 17 July 1992

SECNAVINST 5720.47, DON Policy for Content of Publicly Accessible WW Sites, 24 October 2003

SECNAVINST 5510.30A, CH-1, DON Personnel Security Program Regulation, 19 June 2000

SECNAVINST 5510.36, DON Information Security Program Regulation, 17 March 99

2.0.2 The Government will provide all necessary reference documents not generally available to the Contractor when required in individual T.O.s. Throughout the life of the contract, if any instruction or document is replaced or superseded, the replacement or superseding instruction or document shall be applicable to these requirements only as defined by individual task orders.

2.1 Specifications and Standards.

2.1.1 National and international standards are fundamental to the acceptable performance of this requirement. American National Standards Institute (ANSI) and International Standards Organization (ISO) standards will be invoked under individual task orders. All commercially available hardware and software to be acquired by the Contractor in response to a Government requirement shall comply with the appropriate standards specified in the task order. Additional standards and specifications with a variety of origins, and DoD standards will be utilized to the extent necessary to promote maximum utility, flexibility and economy within the NAWCWD.

2.2 Software Development Standards.

2.2.1 Development, enhancement and implementation of present and future IT systems, whether RDT&E or business related, shall be in accordance with established software development standards, policies and procedures as specified in individual task orders.

2.3 Web Sites, Web Enablement & Application Development.

2.3.1 All task order Performance Work Statements with tasks referencing Web sites shall reflect current compliance with DoD, DON and NAVAIR Web site/server policies, including NAVINST 5238.1, integrating with MyNAVAIR (NAVAIR Corporate Portal) whenever possible:

“Current referenced applications will be modernized and all 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.”

2.4 Software Development/Server Procurement.

2.4.1 For task order Performance Work Statements that include software development and/or server procurement:

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.

3 REQUIREMENTS.

3.0.1 The Contractor shall provide the following types of services as further defined in individual T.O.s. The following sections are interrelated and are not exclusive or exhaustive groupings of possible tasks. Subsections are provided to help categorize and aid in the understanding of the scope of the services to be provided under this contract.

3.1 Studies, Analyses and Assessments.

3.1.1 The Contractor shall provide support services in various scientific and engineering fields to research, assess, analyze, design, develop, test, benchmark, and evaluate the application of IT resources to meet NAWCWD mission requirements. Benchmarking shall include hardware, software, systems and components to determine their applicability, economy, effectiveness, and performance in supporting the NAWCWD mission. Areas supported include weapon system analysis, engineering and integration; system software design, development, verification and validation; in-service engineering for weapons database management systems; IT architectures; communication systems; and IT systems/security.

3.1.2 The Contractor shall devise new and/or enhanced mathematical and/or statistical solutions to physical, engineering or business problems. Engineering problems may include analysis/simulation/modification of current embedded computer resources in aircraft avionics and missile weapon systems. Physical problems may include simulations and projections of aircraft and missile engagement profiles. End products may include IT resource system requirements, life cycle management documentation, functional descriptions, specifications, technical reports, test plans, benchmark tests, engineering studies and suitable applications programs.

3.1.3 The Contractor shall utilize on-demand high performance computing (HPC) to meet mission objectives and serve NAWCWD science-and-technology and test-and-evaluation communities in support of NAVAIR and its mission in serving the Fleet. HPC-based efforts may support areas such as modeling of radio-frequency systems and antenna designs, computational fluid dynamics, ocean modeling, weather prediction, radar-cross-section prediction and signal and image processing. HPC support may include the application of conventional "super computers", "real time" computers and scalable parallel processors to the NAWCWD mission.

3.1.4 The Contractor shall perform feasibility and design studies, analyses and development/implementation of communications systems and networks for large as well as small scale IT systems for use by NAWCWD and other Government and Contractor entities which require (in pursuit of NAWCWD mission objectives) such support.

3.1.5 The Contractor shall perform studies, analyses and implementation support services for data/system security procedures in support of information assurance (IA) requirements. This effort includes but is not limited to embedded weapon systems, weapon system support, scientific and engineering IT systems.

3.1.6 The Contractor shall perform artificial intelligence studies, analyses and implementation in the areas of representation and reasoning including generative and reactive planning/control, fuzzy logic/control, reasoning, argumentation, and deduction. Other possible areas of support are related to perception disciplines such as 3D modeling and interpretation, information source integration, image/scene analysis, object and feature detection/recognition/analysis, and virtual reality.

3.2 Project Planning, Technical Reviews, and Documentation for IT Systems.

3.2.1 The Contractor shall perform, participate in, and support technical reviews to demonstrate and document NAWCWD IT systems and IT project compliance with DoD, Department of the Navy (DoN), and joint service or other Government project requirements, reviews, and development schedules.

3.2.2 The Contractor shall provide IT project planning and management activities including feasibility, cost/benefit, alternatives, and economic analyses and planning services as well as services related to the entire set of standard project management functions and full life-cycle management of all projects assigned.

3.2.3 The Contractor shall develop various documents at the task order level that shall include but are not limited to the following:

3.2.3.1 Configuration Management Plan

3.2.3.2 Database Administration Plan

3.2.3.3 Data Communications Plan

3.2.3.4 Economic Analysis, Modeling and Trade-off analyses

3.2.3.5 Functional Descriptions

3.2.3.6 General Functional Requirements

3.2.3.7 Interface Design Documents

3.2.3.8 Plan of Actions and Milestones

3.2.3.9 Logistics Plans

3.2.3.10 Maintenance and Operations Plans

3.2.3.11 Project Management Plans

3.2.3.12 Repair and Maintenance Plans

3.2.3.13 Requirements Documents

3.2.3.14 Security Plans

3.2.3.15 Software Design Documents

3.2.3.16 Software Development Plans

3.2.3.17 System or Subsystem Specifications

3.2.3.18 Standardization and Interoperability Plans

3.2.3.19 Quality Assurance Plans

3.2.3.20 Test and Evaluation Plans

3.2.3.21 Test Procedures, Results and Reports

3.2.3.22 Training Plans

3.2.3.23 Training Materials

3.2.3.24 Transition Strategy Plans

3.2.3.25 User Manuals

3.2.3.26 Verification and Validation Plans

3.3 Software Development.

3.3.1 The Contractor, in response to software requests, shall first review existing commercial off-the-shelf software (COTS) and government off-the-shelf software (GOTS) for its applicability to the NAWCWD mission and the planning for and integration of selected software into the NAWCWD software suite prior to promoting a development program. All software efforts shall comply with the DoD and DoN application and portfolio management initiatives. In support of software systems development, the Contractor shall perform:

3.3.1.1 Strategic, generalized and project specific planning.

3.3.1.2 Requirements definition, technology assessment, feasibility studies, and analysis of alternatives.

3.3.1.3 Systems modeling, systems integration, interface planning and transition analysis.

3.3.1.4 Design, enhancement, modification, prototyping, coding, testing, evaluation, implementation and training for IT applications.

3.3.1.5 Development, implementation, modification and update of operating systems and communications software systems.

3.3.1.6 Development of new, prototype, one-of-a-kind and novel data gathering and data reduction devices.

3.3.1.7 Application of computer aided engineering disciplines such as, but not limited to, computer aided design, computer aided manufacturing and computer integrated manufacturing, and computer aided software engineering (CASE) disciplines such as, but not limited to, diagram editing systems, design analysis and checking facilities, query language facilities, data dictionary facilities, report generation facilities, forms generation tools and import/export facilities. These disciplines shall be applied, where applicable, to NAWCWD scientific and engineering IT support requirements.

3.3.1.8 Support of the independent verification and validation process.

3.3.2 The Contractor shall perform analysis, design, coding, integration, testing, and deployment of specified software which shall include providing training to Government personnel. The Contractor shall also perform these efforts with both COTS and GOTS software.

3.3.3 The Contractor shall participate in assessments, process definition, preparation and implementation of plans of action for improvement, and reassessments of software projects.

3.3.4 The Contractor shall develop embedded software for weapons systems, aircraft systems, and simulations. The Contractor shall also provide software development support for war gaming simulations and exercises.

3.3.5 The Contractor shall provide software development support for process monitor control systems and environmental monitoring systems.

3.3.6 The Contractor shall provide software development support for activities related to the prototyping, development, coding, testing, integration, and maintenance of software for weapon system tactical support systems.

3.4. Information Technology Services.

3.4.1 The Contractor shall provide information and communications systems development and operations services for the NAWCWD RDT&E mission and supporting business functions. These services include communications system development and operations, computer system and software installation and operations, system/software administration, system and component maintenance, user support, training, security, and computer facilities management.

3.4.2 The Contractor shall provide support services for voice, video, and data communications systems. Management of these network and communication services encompass intranets, internets, electronic commerce, telephony and other associated networking/communication systems including the support necessary to develop, implement and maintain such systems. The Contractor shall provide and implement fail-safe security including the incorporation of network and system security systems and practices. The Contractor shall be responsible for the design, integration, installation, and operations of computer/communications components and associated functions.

3.4.3 The Contractor shall provide hardware and software systems planning and engineering in support of systems transition, reliability, maintainability, human factors, personnel requirements, standardization, cost effectiveness and quality assurance as well as engineering services including function analysis, synthesis of concepts, evaluation, development of decision matrices, and development/description of system elements.

3.4.4 The Contractor shall provide hardware and software services for NAWCWD computing and communications systems and their various components and associated systems.

3.4.4.1 Hardware services include system development, configuration, installation, calibration, modification, repair, upgrade and modernization, evaluation of performance, cleaning and adjusting to meet manufacturers' original equipment specification tolerances or those established through subsequent modifications.

3.4.4.2 Software services include evaluating and optimizing system software; analyzing new software releases to determine impact on existing applications; maintaining, testing, and debugging system software; installing releases; developing various utilities; providing assistance to users of systems software; and performance of configuration management.

3.4.5 The Contractor shall provide support for scientific and engineering systems and initiatives as well as analyses of IT operations and maintenance issues. The Contractor shall be required to set up, operate and optimize data collection and validation systems composed of unique and/or special purpose, one-of-a-kind IT resource systems and components in a variety of locations, climates and environments.

3.4.6 The Contractor shall provide support services for system troubleshooting with restoration of system software to operational condition, system performance monitoring and tuning, system backup and recovery, and the setup of distributed computing systems/environments. The Contractor shall ensure reliable system operation through baseline backups plus incremental backups to digital media, plus rapid, responsive recovery in the event of hardware failure.

3.4.7 The Contractor shall provide support services for the NAWCWD RDT&E workstation and server environment including management and support of linked or networked resources; monitoring, tracking, and ordering; and installation, modification, troubleshooting and upgrading.

3.4.8 The Contractor shall also provide centralized user support including a single point of contact for problem reporting and resolution regarding workstation hardware, software, equipment, management and performance analysis; dispatch of repair or assistance personnel, technical advice, assistance, and training to users. These services may be provided as part of a NAWCWD corporate function or to specific organizational components of NAWCWD.

3.4.9 The Contractor shall provide user and operator support, maintenance and integration services, including both call-in and on-line support, and troubleshooting of the various automated scientific and engineering systems. Contractor shall provide components utilized in the research, development, test, evaluation and training requirements of the NAWCWD; provide development, improvement, modernization, and operations of support centers/help desks; and provide maintenance for automated systems only if such systems are not covered by a separate maintenance agreement(s) with the original equipment manufacturer or third party maintenance organization.

3.4.10 The Contractor shall provide support services for the training of Government personnel on the use of IT systems and application software. Training, if any, shall be for Contractor produced products, Government products, other third party software or combinations thereof.

3.4.11 The Contractor shall perform IT security functions in the areas of computer security, network security, and information security per requirements defined at the task order level. The Contractor shall provide support services for the accreditation of computer/communications hardware, software, and systems.

3.4.12 The Contractor shall provide services in support of the development and continuation of customer relationship management (CRM) strategies including system selection, development, implementation, and operations.

3.4.13 The Contractor shall support the recently adopted NAVAIR thrust to integrate business systems and processes using enterprise resource planning (ERP) concepts and practices in support of NAVAIR/NAWCWD business software such as financial, budgets, procurement, personnel, supply and materials, and other legacy systems in an automated and integrated environment. This requirement will be effective once ERP is implemented by the Government. The Contractor shall provide support services for configuration and integration of hardware and software including interconnectivity of IT equipment in support of collaborative computing systems. The Contractor shall provide intercommunication for interfacing organizations, interface analysis, computer resource installation, and software and hardware connectivity. NAWCWD will share common data and practices across the enterprise and enable systems to produce and access information in real-time mode.

3.5 Data and Information Handling, Data Management, and Administration.

3.5.1 The Contractor shall provide data and information handling support services using an array of data formats, media and input methodologies that includes, but is not limited to: voice, data, film, video, image, printed materials, and combinations thereof. These support services include but are not limited to: word processing, data acquisition, data processing, data entry (including keypunching), data management, data reduction and analysis, media conversion, microfilming, microfiche, image scanning and multimedia technologies. The Contractor shall also provide technical library support that includes, but is not limited to: library management, library systems operations, resource management, research, acquisition, and distribution. The Contractor shall be required to use both manual and automated systems to accomplish these described types of tasks.

3.5.2 The Contractor shall define, analyze, rationalize and develop alternatives for data and information handling; perform econometric analyses and present alternatives for the development of database initiatives. Based on a Government-selected and authorized database initiative, the Contractor shall be required to provide support in any or all of the following database areas: design, development, programming, installation, operation, modification, update, documentation, and maintenance. Operation of databases may include incorporation of authorized changes into existing data files, creation of backup and archive copies of new or updated data files, creation of new data files from digital draft, handwritten, typed or other media input, and conversion of data files from one format to another.

3.5.3 The Contractor shall design, develop, maintain, update, modify, track, and evaluate IT hardware, software and systems documentation. Examples of such documentation include, but are not limited to, specifications, conceptual documents, design documents, operations and maintenance manuals, processes and procedures, drawings, test documentation, and other types of data developed or acquired by the Government.

3.5.4 The Contractor shall perform documentation reviews to verify accuracy, clarity, consistency, completeness, and conformance to applicable standards. The Contractor shall also provide publishing functions (e.g., text, tables, equations, graphics and various file conversions). The elements of the review may include proofreading, legibility, grammar, spelling, punctuation, dimensioning and tolerancing, and others as specified as necessary to meet project/program/mission goals.

3.5.5 The Contractor shall operate computer-aided design (CAD), computer aided manufacturing (CAM), computer integrated manufacturing (CIM), and computer aided engineering (CAE) (including computer aided software engineering) systems.

3.5.6 The Contractor shall provide support for the various on-going management process improvement efforts of the NAWCWD. Efforts may include charting, development, description and analysis of process measures (metrics), interpretations and recommendations, and information presentation and distribution.

3.5.7 The Contractor shall provide data management and administration services including project and program specific data repositories and data dictionaries, as well as other data management services for project and program specific applications.

3.6 Configuration/Data Management for IT Systems.

3.6.1 The Contractor shall provide configuration/data management services for NAWCWD IT systems. Responsibilities will include the definition, accounting, documenting, controlling, storing, and reporting of data and information concerning hardware, software, systems, components and processes over their life cycle. The specific documentation, procedures, format and content shall be controlled by selective application and tailoring of necessary standards. Some examples of documentation that shall be required by the Government during the term of the contract include:

3.6.1.1 Studies and analysis related to automated tools and modeling systems.

3.6.1.2 Scientific and Technical reports including analysis, trade-off studies, alternatives and status summaries.

- 3.6.1.3 Modeling and simulation data spanning the spectrum from real time to off-line.
- 3.6.1.4 Computer aided engineering data spanning the spectrum from computer aided drafting/design to computer integrated manufacturing.
- 3.6.1.5 Design specifications for hardware, software and systems ranging from one-of-a-kind data-gathering systems to interface specifications for embedded systems.
- 3.6.1.6 "As Built" data and documentation for hardware, software and systems.
- 3.6.1.7 Maintenance manuals and associated maintenance processes and procedures.
- 3.6.1.8 Database interface and interconnection requirements.
- 3.6.1.9 Quality control and quality assurance processes, procedures and application strategy data.
- 3.6.1.10 Econometric studies and analysis of various automated scientific, engineering and training systems and subsystems and their inter-relationships.
- 3.6.1.11 Reliability, maintainability and availability data, including statistical data.
- 3.6.1.12 Graphical data and interactive graphic data.
- 3.6.1.13 System and equipment installation/de-installation data.

3.7 Quality Assurance/Quality Control of IT Systems.

- 3.7.1 The Contractor shall provide services in areas related to reliability, maintainability, quality engineering, quality assurance and parts control.
- 3.7.2 The Contractor shall be required to review and analyze processes, plans and procedures. Services may also include the preparation and updating of quality plans and procedures, criticality analysis, procedural audits, analysis and tracking of requirements, inspection of product design and implementation, examining records of walk-throughs and inspections, supporting the preparations for project reviews certifying test procedures, facilities and tools, and witnessing tests.

3.8 Corporate Business Services.

- 3.8.1 The Contractor shall provide services in various areas of corporate business support that include, but are not limited to:
 - 3.8.1.2 Financial and business support including financial and accounting support, property/inventory services, procurement/supply support, and resource planning services.
 - 3.8.1.3 Administrative support services to provide data and information handling services using an array of data formats.

3.9 Test Support Services.

- 3.9.1 The Contractor shall provide test support services, telemetry support services and other data capture and data retrieval support services related to the RDT&E mission of the NAWCWD.
- 3.9.2 The Contractor shall provide computational analysis of derived data (e.g., force coefficients, transfer coefficients and drag). The Contractor shall also perform theoretical computations to predict or model flight-test characteristics.

3.9.3 The Contractor shall provide modeling and simulation services including the various derivations and permutations thereof including scientific visualization, artificial/synthetic environments, virtual reality, real time simulation, hybrid simulation, distributed interactive simulation (constructive and virtual with linkages to live), and 3-D/solid modeling. Modeling and simulation shall include prototyping to define the feasibility for entering into acquisitions to support Fleet needs for which there is no system or for which existing systems do not provide the needed capabilities as well as verification and validation of various simulations and the accreditation of support services.

3.9.4 The Contractor shall provide data editing and examination of field records that includes, but is not limited to, photographic film, videotape, and associated data recording methodologies support services.

3.10 Management of Sensitive and Secure Data and Systems.

3.10.1 A primary concern of the Government is the capability of the contractor to ensure confidentiality of the information resident in the various scientific, engineering and training systems while providing support services. Therefore, the Contractor shall provide both, an adequate data systems design and stringent operating practices and procedures.

3.10.2 Depending on the particular system involved, information used on or with that system may be classified up to the level of 'Top Secret', or in any of several "Unclassified Sensitive" categories. Examples of "Unclassified Sensitive" categories include but are not limited to: 'For Official Use Only,' 'Privacy Act,' 'Procurement Sensitive', and 'Export Controlled'. Systems operating above the level of 'Secret' require special review and handling and will not be utilized without review of the task order by the NAWCWD Security Office.

3.10.3 The duplication and disclosure of classified or sensitive information to any person other than a Government or contractor employee who must have the information for the performance of obligations, as set forth by the requirements of this contract, is forbidden unless such duplication or disclosure is specifically authorized in writing by the Contracting Officer (see the Contract level or T.O. level if applicable, DD254 (Attachment 1) for a detailed description of security requirements).

3.10.4 Contractor personnel assigned to manage, handle, maintain, or otherwise have access to classified or sensitive information or systems shall possess the appropriate security classification and have had appropriate, current training prior to being afforded access to classified or sensitive information or systems. The Contractor shall also provide periodic (not less than once per year) general employee indoctrination and awareness training concerning the classified and sensitive nature of the various information processing systems and the Contractor's responsibilities for safeguard of these systems. Such presentations shall be submitted to the Contracting Officer for Security Matters for approval prior to their presentation to contractor employees.

3.10.5 The Contractor shall implement security policies and procedures in several aspects, including but not limited to:

3.10.5.1 Operating System Security: including the control of access to IT systems data functions, hardware, and software resources by users and user processes.

3.10.5.2 Human/Computer Interface Security: including the definition and execution of types of user access to objects or data within the purview of human/computer interface systems. This includes but is not limited to limiting personnel access to windows, menus, or functions that provide human/computer interface, and the security labeling of information on displays.

3.10.5.3 Programming Security Services: including the control of access to and the integrity of programming objects such as libraries, program code, tools or information that provides the infrastructure for development of software.

3.10.5.4 Data Management Security: including control of, access to, and integrity of data stored in a system through the use of specific mechanisms such as privileges, database views, assertions, user profiles, verification of data content, and data labels.

3.10.5.5 Data Interchange Security: including verification and validation of the integrity of specific types of data interchange, such as nonrepudiation, encryption, access, data security labeling, etc.

3.10.5.6 Graphics Security: including protection of the integrity of and access to data graphic images such as charts, graphs, pictorials, animations, etc.

3.10.5.7 Network Security: including access, authentication, confidentiality, integrity and nonrepudiation controls, and management of communications between senders and receivers of information on a network as well as cooperation with other contractors and Government personnel assigned primary responsibility for NAWCWD networking system security.

3.11 Contract Data Requirements Listings (CDRL).

3.11.1 The specific content, periodicity, delivery and format (if applicable) requirements of each report described below are defined in Exhibit A.

3.11.1.1 Monthly Progress Report, **CDRL A001**. The contractor shall provide Monthly Progress Reports for each Task Order, outlining work accomplished, problems encountered, problems solved, travel/trip report(s), items delivered, training completed, current schedule. T.O. requirements may specify additional reporting items. The contractor shall submit a proposed format to the Government no later than 15 days after the effective date of the contract. The format is subject to Government approval. (Not required for Firm Fixed Price CLINS)

3.11.1.2 Task Order Expense Report, **CDRL A002**, for each Cost Plus Award Fee Task Order. The contractor shall prepare and submit a bi-weekly (twice a month) Task Order Expense Status Report reflecting task order status relative to expense of dollars and labor hours. The report shall reflect the contractor's "best estimates" of actual dollars and labor hours expended through the end of the previous week, and projections of weekly "burn rate," "stop work" date, and variances from expected expense plan. The cost information shall include a trend analysis graph for both hours and dollars to assist the Government in determining the status of each Task Order. The contractor shall submit a proposed format to the Government no later than 7 days after the effective date of the contract. The format is subject to Government approval. (Not required for Firm Fixed Price CLINS)

3.11.1.3 Estimate to Complete/Estimate at Completion (ETC/EAC) Report, **CDRL A003**. This report shall represent the contractor's best estimate of total expenses (labor hours and dollars costs) at the T.O. period end date. The contractor shall develop and deliver this product for each T.O. for the phase ending dates listed in the CDRL. (Not required for Firm Fixed Price CLINS)

3.11.1.4 The Contractor Award Fee Performance Self-Evaluation Report, **CDRL A004 for each evaluation period**. (Not required for Firm Fixed Price CLINS)

3.11.1.5 Funds/LOE 75% status spreadsheet, **CDRL A005**. The contractor shall provide this bi-weekly (twice a month) spreadsheet in accordance with the details in the CDRL. (Not required for Firm Fixed Price CLINS)

3.11.1.6 The Contract Cost Summary Report, **CDRL A006**. The contractor shall prepare and submit concurrently with each voucher/invoice submitted. (Not required for Firm Fixed Price CLINS)

3.11.1.7 Contract Data Product Summary, **CDRL A007**. The contractor shall deliver a CD archiving all contract level data products submitted from contract inception through date of submittal of this data product. Submission is required 15 days after the end of each Government fiscal year, and 15 days after the end of the contract period of performance. The contractor shall submit the proposed format no later than 45 days after the effective date of the contract. The format is subject to Government approval.

3.11.1.8 Employee Qualification Statement, **CDRL A008**. The contractor shall provide a CD of qualification packages, based on Employee Qualification (Attachment 1) for all direct personnel employed under the STARS contract within 30 calendar days of contract start date.

3.11.1.9 The Award Fee Period Hours Report, **CDRL A009** summarizing all hours worked during each evaluation period. (Not required for Firm Fixed Price CLINS)

3.11.1.10 The Burdened and Unburdened Labor Rate Report, **CDRL A00A**. (Not required for Firm Fixed Price CLINS)

3.11.1.11 The Indirect Expense Report, **CDRL A00B**. (Not required for Firm Fixed Price CLINS)

3.11.1.12 The Relocation Report, **CDRL A00C**.

3.11.1.13 The Personnel Report, **CDRL A00D**.

3.11.1.14 The Phase-Out Plan, **CDRL A00E**. The contractor shall prepare and submit a Phase-Out Plan. The Phase-Out Plan shall describe the transition between the incumbent contractor and the follow-on contractor. The Phase-Out Plan is deliverable only if requested by the Contracting Officer. The Phase-Out Plan (draft and final) shall be delivered to the Contracting Officer and COR as an electric file attachment to a transmitting E-mail.

3.11.1.15 The Operations Security (OPSEC) Plan, **CDRL A00F**. The contractor shall prepare and submit the draft OPSEC plan 90 days after award. The final plan is due 45 days after government approval of the draft.

3.11.1.16. Status Report. The contractor shall prepare and submit an Information Technology Personnel Security Report for the Contracting Officer Representative (COR) and an Information Technology Personnel Security Report for NAVAIR Security within (30) days after addition of this CDRL or contract start date. Subsequent reports are due (365) days after first report. Updated report is required within 30 days of gain or loss of employee(s) that have or will access Government IT systems. (**CDRLs A00G & A00H**)

3.11.1.17 The Contractor shall provide other CDRLs (e.g., technical reports) as required and defined by individual T.O.s.

3.12 GOGO/COGO Vehicles.

The contractor shall provide all vehicles required for the performance of this contract unless shared access is authorized. Contractor personnel may use Government/Contractor Owned Government/Contractor Operated (GOGO/COGO) vehicles under the following conditions:

5252.228-9501 LIABILITY INSURANCE is included in this contract and applies to the use of GOGO/COGO vehicles

The contractor shall meet all training and licensing requirements to operate the COGO and GOGO vehicles and equipment.

The contractor need for COGO and GOGO vehicles and equipment must be generally less than full time and shall not interfere with government use of those vehicles and equipment. If the contractor needs full time access to vehicles and equipment then the contractor should provide their own vehicles and equipment.

Use of GOGO/COGO is for contractors that work on a government site. Contractors that work primarily off site should provide their own vehicles and equipment.

Information: NAWC WD Transportation can only issue vehicles and equipment to government employees. The government code remains responsible for the vehicles and equipment. The government code will only provide vehicle and equipment access to the contractor on a "as available" basis.

4.0 SPECIAL CONSIDERATIONS.

4.1 Vehicles. Clause 5252.245-9500 in the contract applies.

4.2 Security. The attached DD Form 254 identifies the anticipated security access and performance requirements for a majority of the task orders that will be issued under this contract. T.O. specific DD254's will be issued when security requirements differ in anyway from the basic contract DD254.

SECTION F - DELIVERIES OR PERFORMANCE

The period of performance for CLINs 0001 – 0023 has been changed as follows:

From:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS
POP 01-APR-2008 TO 31-MAR-2013	N/A	N/A FOB: Destination

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS
POP 01-AUG-2008 TO 31-JUL-2013	N/A	N/A FOB: Destination

The following have been modified:

5252.216-9506 MINIMUM AND MAXIMUM QUANTITIES (NAVAIR) (MAR 1999)

As referred to in paragraph (b) of FAR 52.216-22 " Indefinite Quantity" of this contract, the contract minimum quantity is \$100,000; the maximum quantity is 2,951,395 hours, if 100% of the option hours are utilized. The minimum quantity will be funded upon issuance of the first Task Order.

SECTION G - CONTRACT ADMINISTRATION DATA

The following have been modified:

5252.242-9511 CONTRACT ADMINISTRATION DATA (NAVAIR)(NOV 2006)

(a) Contract Administration Office.

(1) The following contract administration functions (see FAR 42.302(a) and DFARS 242.302(a)) will be retained by the Procuring Contracting Officer (PCO): FAR 42.302(a) (3), (4), (6), (10), (13), (15), (17), (23), (26)-(29), (31), (38)-(40), (44)-(47), (51)-(55), (58)-(59), (62)-(64), (67), (70).

(2) The remaining contract administration functions are assigned (see FAR 42.302) to DCMA Palmdale California, 40015 Sierra Highway, Suite B-110, Palmdale, CA 93550; Attention: Sandra Contreras, Administrative Contracting Officer.

(b) Inquiries regarding payment should be referred to: MyInvoice at <http://www.dod.mil/dfas/contractorpay/myinvoice.html>.

G-TXT-06 SECURITY ASSIGNMENT (APR 2002)

Defense Security Service, Building 3216, Little John Drive, Huntsville, AL 35898 is hereby assigned administrative responsibility for safeguarding classified information. The actual contractor performance is Defense Security Service, 3452 E. Foothill Blvd., Suite 524, Pasadena, CA 91107-3142.

SECTION I - CONTRACT CLAUSES

The following have been added by reference:

52.208-4	Vehicle Lease Payments	APR 1984
52.208-5	Condition of Leased Vehicles	APR 1984
52.208-6	Marking of Leased Vehicles	APR 1984
52.208-7	Tagging of Leased Vehicles	MAY 1986
52.224-1	Privacy Act Notification	APR 1984
52.224-2	Privacy Act	APR 1984

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

The Table of Contents has changed from:

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Exhibit (A)	Contract Data Requirements Lists (CDRLS)	25	05/25/2007
Attachment (1)	Employee Qualifications	8	05/25/2007
Attachment (2)	WD Kern County 05-2044 (Rev (06))	10	11/07/2007
Attachment (3)	WD Ventura County 05-2072 (Rev 05))	9	07/24/2007
Attachment (4)	Award Fee Plan	16	05/25/2007
Attachment (5)	Reserved		
Attachment (6)	Contract Security Classification Specification (DD254) (SPECIMEN)	113	02/15/2007
Attachment (7)	Subcontracting Plan	12	07/16/2007
Attachment (8)	Small Disadvantaged Business Participation Target	5	07/16/2007

to:

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Exhibit (A)	Contract Data Requirements Lists (CDRLS)	27	01/30/2008
Attachment (1)	Employee Qualifications	8	05/25/2007
Attachment (2)	WD Kern County 05-2044 (Rev (06))	10	11/07/2007
Attachment (3)	WD Ventura County 05-2072 (Rev 05))	9	07/24/2007
Attachment (4)	Award Fee Plan	16	05/25/2007
Attachment (5)	Reserved		
Attachment (6)	Contract Security Classification Specification (DD254), Revision 001	113	06/05/2008
Attachment (7)	SubContracting Plan	12	07/16/2007
Attachment (8)	Small Disadvantaged Business Participation Target	5	07/16/2007

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. P00002	3. EFFECTIVE DATE 10-Jul-2008	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)
6. ISSUED BY CDR NAWCVM CODE 210000D ATTN: K FERGUSON (760) 939-4370 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6100	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of the Parties.				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: fergusok082371 The purpose of this modification is to add FAR clauses 52.251-1 Government Supply Source and to delete FAR clauses 52.245-4 and 52.245-5 as shown herein.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LEA ANN DAVIS / PROCURING CONTRACTING OFFICER TEL: (760) 939-8197 EMAIL: leaann.davis@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Lea Ann Davis</i> (Signature of Contracting Officer)	16C. DATE SIGNED 10-Jul-2008	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION I - CONTRACT CLAUSES

The following have been added by full text:

52.251-1 GOVERNMENT SUPPLY SOURCES (APR 1984)

The Contracting Officer may issue the Contractor an authorization to use Government supply sources in the performance of this contract. Title to all property acquired by the Contractor under such an authorization shall vest in the Government unless otherwise specified in the contract. Such property shall not be considered to be "Government-furnished property," as distinguished from "Government property." The provisions of the clause entitled "Government Property," except its paragraphs (a) and (b), shall apply to all property acquired under such authorization.

The following have been deleted:

52.245-4	Government-Furnished Property (Short Form)	JUN 2003
52.245-5 (Dev)	Government Property (Cost-Reimbursement, Time-and-Material, or Labor-Hour Contracts) Deviation	MAY 2004

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 7
2. AMENDMENT/MODIFICATION NO. P00003	3. EFFECTIVE DATE 03-Sep-2008	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO. (If applicable)
6. ISSUED BY CDR NAWCWD CODE 210000D ATTN: K FERGUSON (760) 939-4370 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6100	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT ORDERS IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of the Parties				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: fergusok082814 The purpose of this modification is to revise CDRL A00C and change government property clause 5252.245-9500 as shown herein.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LEA ANN DAVIS / PROCURING CONTRACTING OFFICER TEL: (760) 939-8197 EMAIL: leaann.davis@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Lea Ann Davis</u> (Signature of Contracting Officer)	16C. DATE SIGNED 03-Sep-2008	

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION H - SPECIAL CONTRACT REQUIREMENTS

The following have been modified:

**5252.245-9500 GOVERNMENT PROPERTY FOR THE PERFORMANCE OF THIS CONTRACT
(NAVAIR)(APR 1998) - ALT I (APR 1998)**

(a) Definition. Government production and research property, as the term is used herein, shall consist of special tooling to which the Government has title or the right to acquire title, Government-owned special test equipment and Government-owned facilities as each term is defined respectively in FAR 45.101 and 45.301.

(b) Authorization to Use Government Production and Research Property, Material, and Agency Peculiar Property Currently Covered by Government Contracts Without Rental Charge in Performing this Contract. Government production and research property, material, and agency peculiar property covered by the following listed Government contracts on the effective date of this contract is hereby authorized for use on a rent-free, non-interference basis in the performance of this contract and sub-contracts of any tier issued hereunder:

Contract No(s): N68936-02-D-0027. For planning purposes, the total GFP/GFM line item and dollar value is as follows:

China Lake Site: GFP – Total items: 895	Dollar Value: \$3,212,467.35
GFM – Total items: 62,361	Dollar Value: \$49,355.33
Pt. Mugu Site: GFM – Total items 438	Dollar Value: \$102,318.19

(c) Authorization to Use Government Production and Research Property and Agency Peculiar Property to be Provided Under this Contract Without Rental Charge in Performing this Contract. (This paragraph does not cover such property in possession of the contractor or his subcontractors on the date of award of this contract.)

(1) Subject to the provisions of the Government Property clause of this contract, the Government hereby agrees to provide hereunder the Government production and research property and agency peculiar property identified in (c)(2) through (c)(5) to the contractor. The contractor is hereby authorized to use, on a rent-free basis, said property in the performance of this contract.

(2) Special Tooling (as defined in FAR 45.101):

Special tooling will be specified at the task order level.

(3) Special Test Equipment (as defined in FAR 45.101):

Special test equipment will be specified at the task order level.

(4) Facilities (as defined in FAR 45.301 and DFARS 245.301):

Facilities will be specified at the task order level.

(These facilities shall, when provided, become accountable under and be subject to that facilities contract, if any, in effect between the Government and the contractor or any of his subcontractors at the plant where they are to be located during performance of this contract.)

(5) Agency Peculiar Property (as defined in FAR 45.301 and DFARS 245.301):

Agency peculiar property will be specified at the task order level.

The following terms and conditions shall be applicable to the agency peculiar property, if any, identified above:

(A) each item of agency peculiar property shall be identified by its Federal Item Identification Number and Government Nomenclature;

(B) the agency peculiar property shall be accounted for under this contract; and

(C) upon completion or termination of this contract, the contractor shall request and comply with disposition instructions from the Contracting Officer.

(d) Government Material and Agency Peculiar Property to be Furnished Under this Contract. (This paragraph covers Government-owned material and agency peculiar property furnished to the contractor for (A) consumption in the course of manufacture, testing, development, etc., or (B) incorporation in items to be delivered under this contract, e.g., Master Government-Furnished Equipment List (MGFEL).)

(1) Subject to the provisions of the Government Property clause of this contract, the Government hereby agrees to provide hereunder the Government-owned agency peculiar property and material identified in (d)(2) and (d)(3) to the Contractor. The Contractor is hereby authorized as appropriate, (A) to consume the material identified in (d)(2) and the agency peculiar property identified in (d)(3) in performing this contract or (B) to incorporate such material and agency peculiar property in articles under this contract.

(2) Material (as defined in FAR 45.301):

Materials will be specified at the task order level.

Requisitioning Documentation: Contractor access to the federal supply system is permitted only when the material as well as the quantity is identified in the above paragraph. The contractor shall prepare requisitioning documentation for the above material in accordance with the "Military Standard Requisitioning and Issue Procedures (MILSTRIP) for Defense Contractors", DoD 4000.25-1-M, Chapter 11 and NAVSUP Publication 437 as revised by DoD AMCL 1 A guidance. The contractor must submit all requisitions for Government Furnished Material (GFM) from the supply system to the Material Control Activity (MCA) specified in Section G of this contract. Upon completion or termination of this contract, the contractor shall request and comply with disposition instructions from the Contracting Officer.

(3) Agency Peculiar Property (as defined in FAR 45.301 and DFARS 245.301):

Agency peculiar property will be specified at the task order level.

The terms and conditions made applicable to agency peculiar property in (c)(5) shall be applicable to the agency peculiar property, if any, identified above.

(e) Government Installations to be Made Available Under this Contract. (This paragraph covers Government installations, or portions thereof, to be made available to a contractor but not transferred to his possession - for example, test centers, wind tunnels, aircraft fields, as well as buildings, furniture or equipment. Instructions may be needed to establish ground rules or plans governing availability of installations.)

(1) The Government hereby agrees to make available hereunder on a rent-free, non-interference basis for performing this contract the Government installations, or portions thereof, identified in (e)(2) in accordance with standard operating procedures and priorities unless otherwise specified in the Schedule. Although not "Government-furnished property" under this contract, the provisions of paragraph (a) of the Government Property clause of this contract shall apply to these installations.

(2) Installations. None

(f) Bailed Property to be Used Under this Contract. (This paragraph will not obviate the need to set forth in this contract the terms of the project agreement as required by the pertinent bailment agreement.)

(1) The bailed property identified in (f)(2) is hereby authorized for use on a rent-free basis in the performance of this contract. Although not "Government-furnished property" under this contract, the provisions of paragraph (a) of the Government Property clause of this contract shall apply to this bailed property.

Bailment Agreement

Under which

Accountable

(2) Description Serial Number

None

(g) This clause shall in no event be construed to authorize rent-free use of any property identified above for any effort other than that called for under this contract.

(h) Installation Cost. The estimated cost, and fee, if any, of this contract makes full allowance for all costs to be incurred under this contract for the adaptation and installation of the property identified in this clause.

(i) Installation. Government production and research property, other than foundations and similar improvements necessary for the installation of special tooling, special test equipment, and plant equipment, as defined in FAR 45.101, shall not be installed or constructed on land nor owned by the Government in such fashion as to be non-severable unless authority is granted by the Contracting Officer cognizant of the contract under which the property is provided in accordance with FAR 45.309.

(j) Limitation: This clause does not authorize the contractor to acquire any property for the Government.

(k) The contractor represents that the price and delivery schedule of this contract have been established in reliance on the Government granting the authorization in (b), (c), (d), (e) and (f), and that no charge has been included in this contract for use of the property as authorized above.

(l) Whenever the Contracting Officer authorizes or makes available the use, on a rent-free basis, of additional Government production and research property or other Government property in the performance of this contract or subcontracts of any tier under this contract, the contract will be equitably adjusted in accordance with the procedures provided for in the Changes clause.

(m) If the Government production and research property or other Government property authorized or made available above is decreased by the Government, the contractor will be entitled to an equitable adjustment to the terms of this contract in accordance with the procedures provided for in the Changes clause hereof, as a result of such decrease; provided, however, that if any such decrease is due to the failure of the contractor or his subcontractors of any tier under this contract to fulfill their respective obligations either with respect to the Government property or with respect to the work such property is to be used to perform, the Contracting Officer will take such circumstances into account in establishing the equitable adjustment.

(n) The contractor is responsible for scheduling the use of all property covered by this clause and the Government shall not be responsible for conflicts, delays, or disruptions to any work performed by the contractor due to use of any or all such property, either under this contract or any other contracts under which use of such property is authorized.

(o) Vehicles: The contractor shall provide all vehicles required for the performance of this contract. The only exception shall be those vehicles which shall be transferred from contract N68936-02-D-0027 to this follow-on contract for the useful life of each vehicle. The Government will not replace any of the specified vehicles after its useful life. Those vehicles to be transferred will be provided in the Government Furnished Property attachment to the applicable Task Order. However, for proposal purposes, the current N68936-02-D-0027 contract provides a total of twelve vehicles in which seven will be transferred to the follow-on contract. As stated above, it is the contractor's responsibility to provide any additional transportation where required for the performance of each Task Order. The following information is a summary of the vehicles being transferred. The seven vehicles listed below are located at China Lake, CA:

2003 Chevy Van.	(b)(6)
2003 Chevy Van,	(b)(6)
2003 Chevy Van,	(b)(6)
2003 Chevy Van,	(b)(6)
1996 Ford Ranger Truck,	(b)(6)
1992 Chevy Van,	(b)(6)
1992 Chevy Van,	(b)(6)

ASSIGNMENT OF GOVERNMENT PROPERTY ADMINISTRATOR

In accordance with FAR Part 45, as supplemented, the following individual has been appointed as the Government Property Administrator for this contract.

COMMANDER
 CODE 210000D (b)(6)
 NAVAIRWARCENWPNDIV
 (b)(6)
 CHINA LAKE, CA 93555-6108

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

Exhibit (A) CDRL A00C has ben revised and is attached to this modification.

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188				
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA, 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.										
A. CONTRACT LINE ITEM NO.		B. EXHIBIT A		C. CATEGORY: TDP TM OTHER: MISC						
D. SYSTEM/ITEM STARS			E. CONTRACT/PR NO. N68936-08-D-0016		F. CONTRACTOR Jacobs Technology, Inc.					
1. DATA ITEM NO. A00C		2. TITLE OF DATA ITEM TECHNICAL REPORT – STUDY/SERVICES			3. SUBTITLE Relocation Report					
4. AUTHORITY (Data Acquisition Document No.) DI-FNCL-80508A			5. CONTRACT REFERENCE SOW Para 3.11.1.12		6. REQUIRING OFFICE NAWCWD CODE 721000D					
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED SEE BLK	10. FREQUENCY SEE BLK 16	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION						
8. APP CODE N/A	16 B	11. AS OF DATE SEE BLK 16	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16	a. ADDRESSEE See BLK 16		b. COPIES				
						Draft	Final			
					Reg	Repro				
					0	1	0			
<p>Block 16 Remarks</p> <p>Block 4: Tailor DID as follows: Other formats may be used subject to Contracting Officer approval. Replace Content (2.) of the DID with the attached listing.</p> <p>Block 9: Distribution Statement B. Distribution authorized to US Government agencies only: Proprietary Information; 30 Aug 95. Other requests for this document shall be referred to NAWCWD, Code 721000D, China Lake, CA 93555-6100.</p> <p>Block 10: Frequency shall be three times per contract year (tri-annually). Requests for relocation expenses shall be submitted to the Contracting Officer's Representative (COR) and the Contracting Officer for approval 10 working days before the employee's proposed start date.</p> <p>Block 11: Data shall be current to the end of the tri-annual period being reported.</p> <p>Block 12: The Report shall be made available no later than 9 working days following the first month.</p> <p>Block 13: The Report shall be made available no later than 9 working days following the end of each tri-annual period.</p> <p>Block 14: Data shall be made available to the Government via access to password-protected Internet web pages on the Contractor's web site. The Contractor shall maintain and make similarly available historical past reports submitted by the Contractor. Contracting Officer (Code 210000D) and COR (721000D) shall be advised of Report availability via Email message.</p>				15. TOTAL →	0	1	0			
G. PREPARED BY Naval Air Warfare Center, Weapons Division, China Lake, CA 93555-6100			H. DATE 070130	I. APPROVED BY Jean Winfrey DRRB Chairperson		J. DATE 080827				

CDRL A00C – Relocation Report

In order for relocation expense to be considered for reimbursement, a request must be approved in advance by both the Contracting Officer's Representative (COR) and the Contracting Officer.

Data shall include:

- Contract Number
- Contractor name and request date
- Identification of the Task Order(s) to be supported by the prospective employee
- Identification of the specific skills required by the Task Order which will be satisfied by the prospective employee
- Description of the contractor's search efforts, specifically addressing efforts to hire the required skills locally
- Location from which the prospective employee will be moving
- Detailed breakdown of all estimated relocation expenses
- Total of estimated relocation expense

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 15
2. AMENDMENT/MODIFICATION NO. P00004	3. EFFECTIVE DATE 30-Sep-2008	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)
6. ISSUED BY CDR NAWCVM CODE 210000D ATTN: J. CORCORAN (760) 939-9536 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual agreement of the parties				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: corcoraj083101 The purpose of this modification is to update the PWS as shown herein:				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LEA ANN DAVIS / PROCURING CONTRACTING OFFICER TEL: (760) 939-8197 EMAIL: leaann.davis@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Lea Ann Davis</i> (Signature of Contracting Officer)	16C. DATE SIGNED 30-Sep-2008	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been modified:

**Performance Work Statement (PWS) for the Scientific,
Technical, Administrative, and Research, Development, Test, & Evaluation Services (STARS)
Revised 25 September 2008**

1 SCOPE.

1.0.1 The scope of this contract effort encompasses the services and materials necessary to support the analysis, design, development, test, integration, deployment, and operations of information technology (IT) systems and services. These services sustain the research, development, test and evaluation (RDT&E), and business/administrative functions in support of the Naval Air Warfare Center Weapons Division (NAWCWD).

1.0.2 This Scientific, Technical, Administrative, and Research, Development, Test, & Evaluation Services (STARS) contract will serve as one of the key support elements that allows NAWCWD to fulfill its mission. The NAWCWD environment today includes the spectrum of RDT&E infrastructure, systems, and functions necessary to carry out the "weaponizing" charter of the organization. NAWCWD currently provides weapons related efforts from basic scientific research to in-service engineering support.

1.0.3 To fulfill the requirements of this contract and to most effectively employ the spectrum of service contracts available for the support of NAWCWD, the Government reserves the right to unilaterally determine the most appropriate contractual vehicle to be utilized so long as the requirement is within the scope of the contract and the use of the contract is not contrary to law or regulation. In those cases where there is overlapping coverage between two or more service contracts, the Government will make a unilateral determination as to which contract(s) should be used to best meet the Government's requirements. Some requirements may be an integral part of other efforts and it may be in the best interest of the Government to utilize this contract for those in-scope requirements. These determinations are not subject to the "Disputes" Clause of this contract. The only guarantee to the contractor is that the Government will place orders to meet the minimum specified herein.

1.0.4 Future requirements for the Seaport Contract and Base Realignment and Closure (BRAC) to this contract are unknown. If impacted, and once the extent of the impact to the contract is known, the contract (or resultant task orders) will be modified appropriately.

1.1 Background.

1.1.1 The NAWCWD, of the Naval Air Systems Command (NAVAIR), consists of the following sites: NAWCWD China Lake, NAWCWD Point Mugu; Naval Air Weapons Station (NAWS), China Lake; and attached activities such as Air Test and Evaluation Squadron Nine, and also any activity or location which directly supports the program mission of both NAWCWD and NAVAIR. Work shall also be performed at various locations throughout the United States.

1.1.2 The Mission of the Naval Air Warfare Center Weapons Division is to be the Navy's full-spectrum research, development, test and evaluation, and in-service engineering center for weapons systems associated with air warfare (except antisubmarine warfare systems), missiles and missile subsystems, aircraft weapons integration, and assigned airborne electronic warfare systems; and to maintain and operate the air, land, and sea Naval Western Test Range Complex. Detailed information on the complete set of NAWCWD products, services, and programs can be found at the following web-site: <http://www.nawcwd.navy.mil>.

1.2 RDT&E Information Technology (IT) Environment.

1.2.1 Communication Systems: The NAWCWD RDT&E Information Technology (IT) resources consist of a variety of infrastructures and systems located throughout the division. The communication systems range from special purpose stand-alone data systems and laboratory networks to large infrastructures. These systems transmit voice, video, and data for a diverse set of research and testing requirements. Uses include modeling and simulation; weapons planning system development, training, and operations; software and hardware development and testing, and range telemetry data collection, transmission, and reduction.

1.2.2 Computing Systems: The NAWCWD RDT&E computing capabilities consist of a variety of scientific and engineering systems and technologies that range from obsolescent to experimental. These capabilities also include sophisticated prototypes or experimental systems and technologies including artificial neural networks, virtual reality/synthetic environments, decision support systems, target recognition systems, avionics/embedded IT resources, geographical information systems and a host of other leading edge techniques and technologies of interest to the NAWCWD.

1.3 Software Process Environment.

1.3.1 The application and management of software development methods, practices and documentation varies from platform to platform in the NAWCWD scientific and engineering environment just as it does in the business and administrative environments. The software process related to the business and administrative functions are centered on standard industry methods and practices. In contrast, the scientific, engineering, and program specific environments follow a more Government-oriented software-engineering-environment standard, which includes Department of Defense (DoD) regulations and other software process environments.

1.3.2 The NAWCWD maintains a software process environment (SPE) for the development of weapon/aircraft tactical and support system software in accordance with DoD-STD-2167A/MIL STD 498. The NAWCWD has instituted an active program for the NAWCWD Software Process Improvement Initiative to improve its software and system engineering design/development/test processes to a higher maturity level in accordance with the Capability Maturity Model (CMM) principles developed by the Software Engineering Institute (SEI).

1.4 Subcontracting Requirements For Small Business And Small Disadvantaged Business Concerns.

1.4.1 This requirement does not apply to small disadvantaged business concerns. If the prime contractor is a small business concern, then paragraph 1.4.1.1 below does not apply to this contract. However, if the contract is awarded to a small business or a small disadvantaged business concern, the awarded contract shall include FAR clause 52.219-14 "Limitations on Subcontracting." For other concerns, the contractor shall meet the following minimum goals for awards of subcontract(s) to and utilization of small business and small disadvantaged business concern(s):

1.4.1.1 At least twenty-five percent (25%) of the total Level of Effort delivered under the contract shall be performed by small business concern(s) as defined by FAR 19.001.

1.4.1.2 At least ten percent (10%) (40% of the portion set-aside for small businesses) of the total Level of Effort delivered under the contract shall be performed by small disadvantaged business concerns as defined by FAR 19.001.

1.4.1.3 To assure further development of small business concerns, the work distributed to small business and small disadvantaged business will be required to be distributed in the same proportionate manner and labor mix among all labor groups (Professional; Specialist/Technical; and Administrative Support) as shown in Section B.

1.5 Local Facilities.

1.5.1 The contractor shall establish a facility located within 15 minutes of the main gate of NAWCWD, China Lake. These facilities shall meet the security requirements as outlined in the attached DD Form 254.

1.5.2 The contractor shall provide workspaces within their local facility for the contractor's administrative staff and 1% of the contractor's technical staff. However, the contractor shall be prepared to provide workspaces for up to

5% of the contractor's technical staff within their local facility. NAWCWD work spaces will be provided for the remainder of the contractor's technical workforce. Government provided work spaces will include desk units, phones and the computing equipment necessary for performance.

2 APPLICABLE DOCUMENTS.

2.0.1 Standard requirement documents (Government and Industry Specifications and Standards), reference texts, specific design requirements, and other references will be defined by individual task orders (T.O.s). All documents, except Information Assurance (IA) documents, cited in this PWS are for background information only. All IA will be in compliance with the following:

CJCSI 6211.02B, Defense Information System Network (DISN): Policy Responsibilities and Processes, 31 July 2003
CJCSI 6212.01C, Interoperability and Supportability of Information Technology and National Security Systems, 20 November 2003
CJCSI 6215.01B, Policy for Department of Defense Voice Networks, 23 September 2001
CJCSI 6250.01A, Satellite Communications, 28 May 2004
Chairman Joint Chiefs of Staff Manual (CJCSM) 6510.01, Information Assurance (IA) and Computer Network Defense (CND), 25 March 2003
CJCSI 6510.01D, IA and CND, 15 June 2004

CNO N614/HQMC C4, Navy-Marine Corps Unclassified Trusted Network Protection (UTN-Protect) Policy, Version 1.0, 31 October 2002

DoN CIO Guidance on Information Management/IT Inherently Governmental Functions, November 2001
DON IA Publication Series

DoDD 3020.26, Continuity of Operations (COOP) Policy and Planning, 26 May 1995
DoDI 4630.8, Procedures for Interoperability and Supportability of IT and NSS, 30 June 2004
DoDD 4630.5, Interoperability and Supportability of IT and NSS, 5 May 2004
DoDD 5000.1, The Defense Acquisition System, 12 May 2003
DoDI 5000.2, Operation of the Defense Acquisition System, 12 May 2003
DoD 5200.2-R, DoD Personnel Security Program, January 1987

DoDD 8100.1, Global Information Grid (GIG) Overarching Policy, 19 September 2002
DoDI 8100.2, Use of Commercial Wireless Devices, Services, and Technologies in the DoD Global Information Grid (GIG), 14 April 2004
DoDI 8100.3, DoD Voice Networks, 16 January 2004
DoDD 8190.3, Smart Card Technology, 31 August 2002
DoDD 8320.2, Data Sharing in a Net-Centric DoD, 2 December 2004
DoDD 8500.1, Information Assurance, 24 October 2002
DoDI 8500.2, Information Assurance Implementation, 6 February 2003
DoD 8510.1-M, DITSCAP Application Manual, 31 July 2000
DoDI 8520.2, Public Key Infrastructure (PKI) and Public Key (PK) Enabling, 1 April 2004
DoDI 8551.1, Ports, Protocols, and Services Management (PPSM), 13 August 2004
DoDD 8570.1, IA Training, Certification, and Workforce Management, 15 August 2004
DoD 8570.01-M Information Assurance Workforce Improvement Program December 19, 2005.
DoDI 8580.1, Information Assurance (IA) in the Defense Acquisition, 9 July 2004
DoDD C-5200.5, Communications Security (COMSEC), 21 April 2000

DoDI 8510.bb Interim DoD Information Assurance Certification and Accreditation Process (DIACAP), 06 July 2006

Executive Order 12958, as amended, Classified National Security Information, 17 April 1995

Executive Order 12333, United States Intelligence Activities, 4 December 1981

Federal Information Security Management Act of 2002, Title III of E-Government Act of 2002 (PL 107-347)
Computer Security Act of 1987 (PL 100-235)

Homeland Security Presidential Directive (HSPD-7), Critical Infrastructure Identification, Prioritization, and Protection, 17 December 2003

NAVSO 5239.1--Introduction to Information Systems Security
NAVSO 5239.2--Terms, Abbreviations, and Acronyms

NSTISSP No.11, National Policy Governing the Acquisition of IA and IA-Enabled IT Products, January 2000

OMB Circular A-130, Management of Federal Information Resources, 28 November 2000
OPNAVINST 5239.1B, Navy IA Program, 9 November 1999

SECNAVINST M-5239.11, DON Information Assurance Program; Information Assurance Manual, November 2005
SECNAVINST 5239.3A, DON Information Assurance Policy, 20 December 2004
SECNAVINST 5211.5D, DON Privacy Act Program, 17 July 1992
SECNAVINST 5720.47, DON Policy for Content of Publicly Accessible WW Sites, 24 October 2003
SECNAVINST 5510.30A, CH-1, DON Personnel Security Program Regulation, 19 June 2000
SECNAVINST 5510.36, DON Information Security Program Regulation, 17 March 99

2.0.2 The Government will provide all necessary reference documents not generally available to the Contractor when required in individual T.O.s. Throughout the life of the contract, if any instruction or document is replaced or superseded, the replacement or superseding instruction or document shall be applicable to these requirements only as defined by individual task orders.

2.1 Specifications and Standards.

2.1.1 National and international standards are fundamental to the acceptable performance of this requirement. American National Standards Institute (ANSI) and International Standards Organization (ISO) standards will be invoked under individual task orders. All commercially available hardware and software to be acquired by the Contractor in response to a Government requirement shall comply with the appropriate standards specified in the task order. Additional standards and specifications with a variety of origins, and DoD standards will be utilized to the extent necessary to promote maximum utility, flexibility and economy within the NAWCWD.

2.2 Software Development Standards.

2.2.1 Development, enhancement and implementation of present and future IT systems, whether RDT&E or business related, shall be in accordance with established software development standards, policies and procedures as specified in individual task orders.

2.3 Web Sites, Web Enablement & Application Development.

2.3.1 All task order Performance Work Statements with tasks referencing Web sites shall reflect current compliance with DoD, DON and NAVAIR Web site/server policies, including NAVINST 5238.1, integrating with MyNAVAIR (NAVAIR Corporate Portal) whenever possible:

“Current referenced applications will be modernized and all 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.”

2.4 Software Development/Server Procurement.

2.4.1 For task order Performance Work Statements that include software development and/or server procurement:

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.

3 REQUIREMENTS.

3.0.1 The Contractor shall provide the following types of services as further defined in individual T.O.s. The following sections are interrelated and are not exclusive or exhaustive groupings of possible tasks. Subsections are provided to help categorize and aid in the understanding of the scope of the services to be provided under this contract.

3.1 Studies, Analyses and Assessments.

3.1.1 The Contractor shall provide support services in various scientific and engineering fields to research, assess, analyze, design, develop, test, benchmark, and evaluate the application of IT resources to meet NAWCWD mission requirements. Benchmarking shall include hardware, software, systems and components to determine their applicability, economy, effectiveness, and performance in supporting the NAWCWD mission. Areas supported include weapon system analysis, engineering and integration; system software design, development, verification and validation; in-service engineering for weapons database management systems; IT architectures; communication systems; and IT systems/security.

3.1.2 The Contractor shall devise new and/or enhanced mathematical and/or statistical solutions to physical, engineering or business problems. Engineering problems may include analysis/simulation/modification of current embedded computer resources in aircraft avionics and missile weapon systems. Physical problems may include simulations and projections of aircraft and missile engagement profiles. End products may include IT resource system requirements, life cycle management documentation, functional descriptions, specifications, technical reports, test plans, benchmark tests, engineering studies and suitable applications programs.

3.1.3 The Contractor shall utilize on-demand high performance computing (HPC) to meet mission objectives and serve NAWCWD science-and-technology and test-and-evaluation communities in support of NAVAIR and its mission in serving the Fleet. HPC-based efforts may support areas such as modeling of radio-frequency systems and antenna designs, computational fluid dynamics, ocean modeling, weather prediction, radar-cross-section prediction and signal and image processing. HPC support may include the application of conventional "super computers", "real time" computers and scalable parallel processors to the NAWCWD mission.

3.1.4 The Contractor shall perform feasibility and design studies, analyses and development/implementation of communications systems and networks for large as well as small scale IT systems for use by NAWCWD and other Government and Contractor entities which require (in pursuit of NAWCWD mission objectives) such support.

3.1.5 The Contractor shall perform studies, analyses and implementation support services for data/system security procedures in support of information assurance (IA) requirements. This effort includes but is not limited to embedded weapon systems, weapon system support, scientific and engineering IT systems.

3.1.6 The Contractor shall perform artificial intelligence studies, analyses and implementation in the areas of representation and reasoning including generative and reactive planning/control, fuzzy logic/control, reasoning, argumentation, and deduction. Other possible areas of support are related to perception disciplines such as 3D modeling and interpretation, information source integration, image/scene analysis, object and feature detection/recognition/analysis, and virtual reality.

3.2 Project Planning, Technical Reviews, and Documentation for IT Systems.

3.2.1 The Contractor shall perform, participate in, and support technical reviews to demonstrate and document NAWCWD IT systems and IT project compliance with DoD, Department of the Navy (DoN), and joint service or other Government project requirements, reviews, and development schedules.

3.2.2 The Contractor shall provide IT project planning and management activities including feasibility, cost/benefit, alternatives, and economic analyses and planning services as well as services related to the entire set of standard project management functions and full life-cycle management of all projects assigned.

3.2.3 The Contractor shall develop various documents at the task order level that shall include but are not limited to the following:

3.2.3.1 Configuration Management Plan

3.2.3.2 Database Administration Plan

3.2.3.3 Data Communications Plan

3.2.3.4 Economic Analysis, Modeling and Trade-off analyses

3.2.3.5 Functional Descriptions

3.2.3.6 General Functional Requirements

3.2.3.7 Interface Design Documents

3.2.3.8 Plan of Actions and Milestones

3.2.3.9 Logistics Plans

3.2.3.10 Maintenance and Operations Plans

3.2.3.11 Project Management Plans

3.2.3.12 Repair and Maintenance Plans

3.2.3.13 Requirements Documents

3.2.3.14 Security Plans

3.2.3.15 Software Design Documents

3.2.3.16 Software Development Plans

3.2.3.17 System or Subsystem Specifications

3.2.3.18 Standardization and Interoperability Plans

3.2.3.19 Quality Assurance Plans

3.2.3.20 Test and Evaluation Plans

3.2.3.21 Test Procedures, Results and Reports

3.2.3.22 Training Plans

3.2.3.23 Training Materials

3.2.3.24 Transition Strategy Plans

3.2.3.25 User Manuals

3.2.3.26 Verification and Validation Plans

3.3 Software Development.

3.3.1 The Contractor, in response to software requests, shall first review existing commercial off-the-shelf software (COTS) and government off-the-shelf software (GOTS) for its applicability to the NAWCWD mission and the planning for and integration of selected software into the NAWCWD software suite prior to promoting a development program. All software efforts shall comply with the DoD and DoN application and portfolio management initiatives. In support of software systems development, the Contractor shall perform:

3.3.1.1 Strategic, generalized and project specific planning.

3.3.1.2 Requirements definition, technology assessment, feasibility studies, and analysis of alternatives.

3.3.1.3 Systems modeling, systems integration, interface planning and transition analysis.

3.3.1.4 Design, enhancement, modification, prototyping, coding, testing, evaluation, implementation and training for IT applications.

3.3.1.5 Development, implementation, modification and update of operating systems and communications software systems.

3.3.1.6 Development of new, prototype, one-of-a-kind and novel data gathering and data reduction devices.

3.3.1.7 Application of computer aided engineering disciplines such as, but not limited to, computer aided design, computer aided manufacturing and computer integrated manufacturing, and computer aided software engineering (CASE) disciplines such as, but not limited to, diagram editing systems, design analysis and checking facilities, query language facilities, data dictionary facilities, report generation facilities, forms generation tools and import/export facilities. These disciplines shall be applied, where applicable, to NAWCWD scientific and engineering IT support requirements.

3.3.1.8 Support of the independent verification and validation process.

3.3.2 The Contractor shall perform analysis, design, coding, integration, testing, and deployment of specified software which shall include providing training to Government personnel. The Contractor shall also perform these efforts with both COTS and GOTS software.

3.3.3 The Contractor shall participate in assessments, process definition, preparation and implementation of plans of action for improvement, and reassessments of software projects.

3.3.4 The Contractor shall develop embedded software for weapons systems, aircraft systems, and simulations. The Contractor shall also provide software development support for war gaming simulations and exercises.

3.3.5 The Contractor shall provide software development support for process monitor control systems and environmental monitoring systems.

3.3.6 The Contractor shall provide software development support for activities related to the prototyping, development, coding, testing, integration, and maintenance of software for weapon system tactical support systems.

3.4. Information Technology Services.

3.4.1 The Contractor shall provide information and communications systems development and operations services for the NAWCWD RDT&E mission and supporting business functions. These services include communications system development and operations, computer system and software installation and operations, system/software administration, system and component maintenance, user support, training, security, and computer facilities management.

3.4.2 The Contractor shall provide support services for voice, video, and data communications systems. Management of these network and communication services encompass intranets, internets, electronic commerce, telephony and other associated networking/communication systems including the support necessary to develop, implement and maintain such systems. The Contractor shall provide and implement fail-safe security including the incorporation of network and system security systems and practices. The Contractor shall be responsible for the design, integration, installation, and operations of computer/communications components and associated functions.

3.4.3 The Contractor shall provide hardware and software systems planning and engineering in support of systems transition, reliability, maintainability, human factors, personnel requirements, standardization, cost effectiveness and quality assurance as well as engineering services including function analysis, synthesis of concepts, evaluation, development of decision matrices, and development/description of system elements.

3.4.4 The Contractor shall provide hardware and software services for NAWCWD computing and communications systems and their various components and associated systems.

3.4.4.1 Hardware services include system development, configuration, installation, calibration, modification, repair, upgrade and modernization, evaluation of performance, cleaning and adjusting to meet manufacturers' original equipment specification tolerances or those established through subsequent modifications.

3.4.4.2 Software services include evaluating and optimizing system software; analyzing new software releases to determine impact on existing applications; maintaining, testing, and debugging system software; installing releases; developing various utilities; providing assistance to users of systems software; and performance of configuration management.

3.4.5 The Contractor shall provide support for scientific and engineering systems and initiatives as well as analyses of IT operations and maintenance issues. The Contractor shall be required to set up, operate and optimize data collection and validation systems composed of unique and/or special purpose, one-of-a-kind IT resource systems and components in a variety of locations, climates and environments.

3.4.6 The Contractor shall provide support services for system troubleshooting with restoration of system software to operational condition, system performance monitoring and tuning, system backup and recovery, and the setup of distributed computing systems/environments. The Contractor shall ensure reliable system operation through baseline backups plus incremental backups to digital media, plus rapid, responsive recovery in the event of hardware failure.

3.4.7 The Contractor shall provide support services for the NAWCWD RDT&E workstation and server environment including management and support of linked or networked resources; monitoring, tracking, and ordering; and installation, modification, troubleshooting and upgrading.

3.4.8 The Contractor shall also provide centralized user support including a single point of contact for problem reporting and resolution regarding workstation hardware, software, equipment, management and performance analysis; dispatch of repair or assistance personnel, technical advice, assistance, and training to users. These services may be provided as part of a NAWCWD corporate function or to specific organizational components of NAWCWD.

3.4.9 The Contractor shall provide user and operator support, maintenance and integration services, including both call-in and on-line support, and troubleshooting of the various automated scientific and engineering systems.

Contractor shall provide components utilized in the research, development, test, evaluation and training requirements of the NAWCWD; provide development, improvement, modernization, and operations of support centers/help desks; and provide maintenance for automated systems only if such systems are not covered by a separate maintenance agreement(s) with the original equipment manufacturer or third party maintenance organization.

3.4.10 The Contractor shall provide support services for the training of Government personnel on the use of IT systems and application software. Training, if any, shall be for Contractor produced products, Government products, other third party software or combinations thereof.

3.4.11 The Contractor shall perform IT security functions in the areas of computer security, network security, and information security per requirements defined at the task order level. The Contractor shall provide support services for the accreditation of computer/communications hardware, software, and systems.

3.4.12 The Contractor shall provide services in support of the development and continuation of customer relationship management (CRM) strategies including system selection, development, implementation, and operations.

3.4.13 The Contractor shall support the recently adopted NAVAIR thrust to integrate business systems and processes using enterprise resource planning (ERP) concepts and practices in support of NAVAIR/NAWCWD business software such as financial, budgets, procurement, personnel, supply and materials, and other legacy systems in an automated and integrated environment. This requirement will be effective once ERP is implemented by the Government. The Contractor shall provide support services for configuration and integration of hardware and software including interconnectivity of IT equipment in support of collaborative computing systems. The Contractor shall provide intercommunication for interfacing organizations, interface analysis, computer resource installation, and software and hardware connectivity. NAWCWD will share common data and practices across the enterprise and enable systems to produce and access information in real-time mode.

3.5 Data and Information Handling, Data Management, and Administration.

3.5.1 The Contractor shall provide data and information handling support services using an array of data formats, media and input methodologies that includes, but is not limited to: voice, data, film, video, image, printed materials, and combinations thereof. These support services include but are not limited to: word processing, data acquisition, data processing, data entry (including keypunching), data management, data reduction and analysis, media conversion, microfilming, microfiche, image scanning and multimedia technologies. The Contractor shall also provide technical library support that includes, but is not limited to: library management, library systems operations, resource management, research, acquisition, and distribution. The Contractor shall be required to use both manual and automated systems to accomplish these described types of tasks.

3.5.2 The Contractor shall define, analyze, rationalize and develop alternatives for data and information handling; perform econometric analyses and present alternatives for the development of database initiatives. Based on a Government-selected and authorized database initiative, the Contractor shall be required to provide support in any or all of the following database areas: design, development, programming, installation, operation, modification, update, documentation, and maintenance. Operation of databases may include incorporation of authorized changes into existing data files, creation of backup and archive copies of new or updated data files, creation of new data files from digital draft, handwritten, typed or other media input, and conversion of data files from one format to another.

3.5.3 The Contractor shall design, develop, maintain, update, modify, track, and evaluate IT hardware, software and systems documentation. Examples of such documentation include, but are not limited to, specifications, conceptual documents, design documents, operations and maintenance manuals, processes and procedures, drawings, test documentation, and other types of data developed or acquired by the Government.

3.5.4 The Contractor shall perform documentation reviews to verify accuracy, clarity, consistency, completeness, and conformance to applicable standards. The Contractor shall also provide publishing functions (e.g., text, tables,

equations, graphics and various file conversions). The elements of the review may include proofreading, legibility, grammar, spelling, punctuation, dimensioning and tolerancing, and others as specified as necessary to meet project/program/mission goals.

3.5.5 The Contractor shall operate computer-aided design (CAD), computer aided manufacturing (CAM), computer integrated manufacturing (CIM), and computer aided engineering (CAE) (including computer aided software engineering) systems.

3.5.6 The Contractor shall provide support for the various on-going management process improvement efforts of the NAWCWD. Efforts may include charting, development, description and analysis of process measures (metrics), interpretations and recommendations, and information presentation and distribution.

3.5.7 The Contractor shall provide data management and administration services including project and program specific data repositories and data dictionaries, as well as other data management services for project and program specific applications.

3.6 Configuration/Data Management for IT Systems.

3.6.1 The Contractor shall provide configuration/data management services for NAWCWD IT systems. Responsibilities will include the definition, accounting, documenting, controlling, storing, and reporting of data and information concerning hardware, software, systems, components and processes over their life cycle. The specific documentation, procedures, format and content shall be controlled by selective application and tailoring of necessary standards. Some examples of documentation that shall be required by the Government during the term of the contract include:

3.6.1.1 Studies and analysis related to automated tools and modeling systems.

3.6.1.2 Scientific and Technical reports including analysis, trade-off studies, alternatives and status summaries.

3.6.1.3 Modeling and simulation data spanning the spectrum from real time to off-line.

3.6.1.4 Computer aided engineering data spanning the spectrum from computer aided drafting/design to computer integrated manufacturing.

3.6.1.5 Design specifications for hardware, software and systems ranging from one-of-a-kind data-gathering systems to interface specifications for embedded systems.

3.6.1.6 "As Built" data and documentation for hardware, software and systems.

3.6.1.7 Maintenance manuals and associated maintenance processes and procedures.

3.6.1.8 Database interface and interconnection requirements.

3.6.1.9 Quality control and quality assurance processes, procedures and application strategy data.

3.6.1.10 Econometric studies and analysis of various automated scientific, engineering and training systems and subsystems and their inter-relationships.

3.6.1.11 Reliability, maintainability and availability data, including statistical data.

3.6.1.12 Graphical data and interactive graphic data.

3.6.1.13 System and equipment installation/de-installation data.

3.7 Quality Assurance/Quality Control of IT Systems.

3.7.1 The Contractor shall provide services in areas related to reliability, maintainability, quality engineering, quality assurance and parts control.

3.7.2 The Contractor shall be required to review and analyze processes, plans and procedures. Services may also include the preparation and updating of quality plans and procedures, criticality analysis, procedural audits, analysis and tracking of requirements, inspection of product design and implementation, examining records of walk-throughs and inspections, supporting the preparations for project reviews certifying test procedures, facilities and tools, and witnessing tests.

3.8 Corporate Business Services.

3.8.1 The Contractor shall provide services in various areas of corporate business support that include, but are not limited to:

3.8.1.2 Financial and business support including financial and accounting support, property/inventory services, procurement/supply support, and resource planning services.

3.8.1.3 Administrative support services to provide data and information handling services using an array of data formats.

3.9 Test Support Services.

3.9.1 The Contractor shall provide test support services, telemetry support services and other data capture and data retrieval support services related to the RDT&E mission of the NAWCWD.

3.9.2 The Contractor shall provide computational analysis of derived data (e.g., force coefficients, transfer coefficients and drag). The Contractor shall also perform theoretical computations to predict or model flight-test characteristics.

3.9.3 The Contractor shall provide modeling and simulation services including the various derivations and permutations thereof including scientific visualization, artificial/synthetic environments, virtual reality, real time simulation, hybrid simulation, distributed interactive simulation (constructive and virtual with linkages to live), and 3-D/solid modeling. Modeling and simulation shall include prototyping to define the feasibility for entering into acquisitions to support Fleet needs for which there is no system or for which existing systems do not provide the needed capabilities as well as verification and validation of various simulations and the accreditation of support services.

3.9.4 The Contractor shall provide data editing and examination of field records that includes, but is not limited to, photographic film, videotape, and associated data recording methodologies support services.

3.10 Management of Sensitive and Secure Data and Systems.

3.10.1 A primary concern of the Government is the capability of the contractor to ensure confidentiality of the information resident in the various scientific, engineering and training systems while providing support services. Therefore, the Contractor shall provide both, an adequate data systems design and stringent operating practices and procedures.

3.10.2 Depending on the particular system involved, information used on or with that system may be classified up to the level of 'Top Secret', or in any of several "Unclassified Sensitive" categories. Examples of "Unclassified Sensitive" categories include but are not limited to: 'For Official Use Only,' 'Privacy Act,' 'Procurement Sensitive', and 'Export Controlled'. Systems operating above the level of 'Secret' require special review and handling and will not be utilized without review of the task order by the NAWCWD Security Office.

3.10.3 The duplication and disclosure of classified or sensitive information to any person other than a Government or contractor employee who must have the information for the performance of obligations, as set forth by the requirements of this contract, is forbidden unless such duplication or disclosure is specifically authorized in writing by the Contracting Officer (see the Contract level or T.O. level if applicable, DD254 (Attachment 1) for a detailed description of security requirements).

3.10.4 Contractor personnel assigned to manage, handle, maintain, or otherwise have access to classified or sensitive information or systems shall possess the appropriate security classification and have had appropriate, current training prior to being afforded access to classified or sensitive information or systems. The Contractor shall also provide periodic (not less than once per year) general employee indoctrination and awareness training concerning the classified and sensitive nature of the various information processing systems and the Contractor's responsibilities for safeguard of these systems. Such presentations shall be submitted to the Contracting Officer for Security Matters for approval prior to their presentation to contractor employees.

3.10.5 The Contractor shall implement security policies and procedures in several aspects, including but not limited to:

3.10.5.1 Operating System Security: including the control of access to IT systems data functions, hardware, and software resources by users and user processes.

3.10.5.2 Human/Computer Interface Security: including the definition and execution of types of user access to objects or data within the purview of human/computer interface systems. This includes but is not limited to limiting personnel access to windows, menus, or functions that provide human/computer interface, and the security labeling of information on displays.

3.10.5.3 Programming Security Services: including the control of access to and the integrity of programming objects such as libraries, program code, tools or information that provides the infrastructure for development of software.

3.10.5.4 Data Management Security: including control of, access to, and integrity of data stored in a system through the use of specific mechanisms such as privileges, database views, assertions, user profiles, verification of data content, and data labels.

3.10.5.5 Data Interchange Security: including verification and validation of the integrity of specific types of data interchange, such as nonrepudiation, encryption, access, data security labeling, etc.

3.10.5.6 Graphics Security: including protection of the integrity of and access to data graphic images such as charts, graphs, pictorials, animations, etc.

3.10.5.7 Network Security: including access, authentication, confidentiality, integrity and nonrepudiation controls, and management of communications between senders and receivers of information on a network as well as cooperation with other contractors and Government personnel assigned primary responsibility for NAWCWD networking system security.

3.11 Contract Data Requirements Listings (CDRL).

3.11.1 The specific content, periodicity, delivery and format (if applicable) requirements of each report described below are defined in Exhibit A.

3.11.1.1 Monthly Progress Report, **CDRL A001**. The contractor shall provide Monthly Progress Reports for each Task Order, outlining work accomplished, problems encountered, problems solved, travel/trip report(s), items delivered, training completed, current schedule. T.O. requirements may specify additional reporting items. The contractor shall submit a proposed format to the Government no later than 15 days after the effective date of the contract. The format is subject to Government approval. (Not required for Firm Fixed Price CLINS)

3.11.1.2 Task Order Expense Report, **CDRL A002**, for each Cost Plus Award Fee Task Order. The contractor shall prepare and submit a bi-weekly (twice a month) Task Order Expense Status Report reflecting task order status relative to expense of dollars and labor hours. The report shall reflect the contractor's "best estimates" of actual dollars and labor hours expended through the end of the previous week, and projections of weekly "burn rate," "stop work" date, and variances from expected expense plan. The cost information shall include a trend analysis graph for both hours and dollars to assist the Government in determining the status of each Task Order. The contractor shall submit a proposed format to the Government no later than 7 days after the effective date of the contract. The format is subject to Government approval. (Not required for Firm Fixed Price CLINS)

3.11.1.3 Estimate to Complete/Estimate at Completion (ETC/EAC) Report, **CDRL A003**. This report shall represent the contractor's best estimate of total expenses (labor hours and dollars costs) at the T.O. period end date. The contractor shall develop and deliver this product for each T.O. for the phase ending dates listed in the CDRL. (Not required for Firm Fixed Price CLINS)

3.11.1.4 The Contractor Award Fee Performance Self-Evaluation Report, **CDRL A004 for each evaluation period**. (Not required for Firm Fixed Price CLINS)

3.11.1.5 Funds/LOE 75% status spreadsheet, **CDRL A005**. The contractor shall provide this bi-weekly (twice a month) spreadsheet in accordance with the details in the CDRL. (Not required for Firm Fixed Price CLINS)

3.11.1.6 The Contract Cost Summary Report, **CDRL A006**. The contractor shall prepare and submit concurrently with each voucher/invoice submitted. (Not required for Firm Fixed Price CLINS)

3.11.1.7 Contract Data Product Summary, **CDRL A007**. The contractor shall deliver a CD archiving all contract level data products submitted from contract inception through date of submittal of this data product. Submission is required 15 days after the end of each Government fiscal year, and 15 days after the end of the contract period of performance. The contractor shall submit the proposed format no later than 45 days after the effective date of the contract. The format is subject to Government approval.

3.11.1.8 Employee Qualification Statement, **CDRL A008**. The contractor shall provide a CD of qualification packages, based on Employee Qualification (Attachment 1) for all direct personnel employed under the STARS contract within 30 calendar days of contract start date.

3.11.1.9 The Award Fee Period Hours Report, **CDRL A009** summarizing all hours worked during each evaluation period. (Not required for Firm Fixed Price CLINS)

3.11.1.10 The Burdened and Unburdened Labor Rate Report, **CDRL A00A**. (Not required for Firm Fixed Price CLINS)

3.11.1.11 The Indirect Expense Report, **CDRL A00B**. (Not required for Firm Fixed Price CLINS)

3.11.1.12 The Relocation Report, **CDRL A00C**.

3.11.1.13 The Personnel Report, **CDRL A00D**.

3.11.1.14 The Phase-Out Plan, **CDRL A00E**. The contractor shall prepare and submit a Phase-Out Plan. The Phase-Out Plan shall describe the transition between the incumbent contractor and the follow-on contractor. The Phase-Out Plan is deliverable only if requested by the Contracting Officer. The Phase-Out Plan (draft and final) shall be delivered to the Contracting Officer and COR as an electric file attachment to a transmitting E-mail.

3.11.1.15 The Operations Security (OPSEC) Plan, **CDRL A00F**. The contractor shall prepare and submit the draft OPSEC plan 90 days after award. The final plan is due 45 days after government approval of the draft.

3.11.1.16. Status Report. The contractor shall prepare and submit an Information Technology Personnel Security Report for the Contracting Officer Representative (COR) and an Information Technology Personnel Security Report

for NAVAIR Security within (30) days after addition of this CDRL or contract start date. Subsequent reports are due (365) days after first report. Updated report is required within 30 days of gain or loss of employee(s) that have or will access Government IT systems. (CDRLs A00G & A00H)

3.11.1.17 The Contractor shall provide other CDRLs (e.g., technical reports) as required and defined by individual T.O.s.

3.12 GOCO/COGO Vehicles.

The contractor shall provide all vehicles required for the performance of this contract unless shared access is authorized. Contractor personnel may use Government/Contractor Owned Government/Contractor Operated (GOCO/COGO) vehicles under the following conditions:

5252.228-9501 LIABILITY INSURANCE is included in this contract and applies to the use of GOCO/COGO vehicles

The contractor shall meet all training and licensing requirements to operate the COGO and GOGO vehicles and equipment.

The contractor need for COGO and GOGO vehicles and equipment must be generally less than full time and shall not interfere with government use of those vehicles and equipment. If the contractor needs full time access to vehicles and equipment then the contractor should provide their own vehicles and equipment.

Use of GOCO/COGO is for contractors that work on a government site. Contractors that work primarily off site should provide their own vehicles and equipment.

Information: NAWC WD Transportation can only issue vehicles and equipment to government employees. The government code remains responsible for the vehicles and equipment. The government code will only provide vehicle and equipment access to the contractor on a "as available" basis.

4.0 SPECIAL CONSIDERATIONS.

4.1 Vehicles. Clause 5252.245-9500 in the contract applies.

4.2 Security. The attached DD Form 254 identifies the anticipated security access and performance requirements for a majority of the task orders that will be issued under this contract. T.O. specific DD254's will be issued when security requirements differ in anyway from the basic contract DD254.

4.3 Recall: In the event of an emergency at NAWCWD, a critical essential Government point of contact may recall contractors who have already been identified as "critical/essential" and are providing IT/IM Corporate Operations support under this contract.

Critical Essential definitions and personnel are identified in accordance with NAWC Instruction 5560 dated 25 Oct 07.

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			R	1	18
2. AMENDMENT/MODIFICATION NO. P00005	3. EFFECTIVE DATE 09-Mar-2009	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)	
6. ISSUED BY CDR NAWCWD CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
			X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual agreement of the parties					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards091348 The purpose of this modification is to add CDRL A00J to the contract, update the PWS, add an Alternate COR, change the Pay office, and incorporate other administrative changes as shown herein.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LEA ANN DAVIS / PROCURING CONTRACTING OFFICER TEL: (760) 939-8197 EMAIL: leaann.davis@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Lea Ann Davis</u> (Signature of Contracting Officer)		16C. DATE SIGNED 09-Mar-2009	

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The 'Payment will be made by' organization has changed from

NAVY ERP
NAVY ERP ENTERPRISE RES PROGRAM OFC
SUITE 2100, 21ST FLOOR
1700 N MOORE STREET
ARLINGTON VA 22209-5000

to

NAVY ERP
NAVAIR WD, CODE J26000D
1 ADMIN CIRCLE
MAIL STOP 1318
CHINA LAKE CA 93555-5000

SECTION B - SUPPLIES OR SERVICES AND PRICES

The following have been modified:

5252.232-9506 DETERMINATION AND PAYMENT OF AWARD FEE (NAVAIR)(OCT 2005)

(a) In addition to any base fee set forth herein, the contractor may earn and be paid all or a portion of an award fee not to exceed (b)(4) (for CLIN 0001).

(b) The contractor's performance will be evaluated in accordance with the Award Fee Plan, Attachment (4) to this contract.

(c) Determination of award fee, if any, earned by the contractor and payment thereof shall be made bi-annually.

(d) It is understood that the contractor shall not earn award fee for any non-team subcontractor effort.

(e) The award fee for work performed under this contract is (b)(4) (for CLIN 0001) provided that approximately 2,451,395 man-hours (including authorized subcontract labor hours) are so employed on such work by the contractor. If less than one-hundred (100%) percent of the man-hours of said services are so employed for such work, the fee shall be equitably reduced to reflect the reduction of work in accordance with the clause entitled "Level of Effort". The Government shall make payment, on account of the award fee, at the rate of (b)(4) per direct labor hour invoiced by the contractor under the contract clause entitled, "Allowable Cost and Payment", for the related period.

(f) The government will make payment of any award fee upon the submission, by the contractor to the Contracting Officer or authorized representative, of a public voucher or invoice in the amount of the total fee earned for the period evaluated. Payment shall be authorized without the need for a contract modification. There will be no roll over of unearned award fee from one period to another.

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been modified:

**Performance Work Statement (PWS) for the Scientific,
Technical, Administrative, and Research, Development, Test, & Evaluation Services (STARS)
Revised 3 February 2009**

1 SCOPE.

1.0.1 The scope of this contract effort encompasses the services and materials necessary to support the analysis, design, development, test, integration, deployment, and operations of information technology (IT) systems and services. These services sustain the research, development, test and evaluation (RDT&E), and business/administrative functions in support of the Naval Air Warfare Center Weapons Division (NAWCWD).

1.0.2 This Scientific, Technical, Administrative, and Research, Development, Test, & Evaluation Services (STARS) contract will serve as one of the key support elements that allows NAWCWD to fulfill its mission. The NAWCWD environment today includes the spectrum of RDT&E infrastructure, systems, and functions necessary to carry out the "weaponizing" charter of the organization. NAWCWD currently provides weapons related efforts from basic scientific research to in-service engineering support.

1.0.3 To fulfill the requirements of this contract and to most effectively employ the spectrum of service contracts available for the support of NAWCWD, the Government reserves the right to unilaterally determine the most appropriate contractual vehicle to be utilized so long as the requirement is within the scope of the contract and the use of the contract is not contrary to law or regulation. In those cases where there is overlapping coverage between two or more service contracts, the Government will make a unilateral determination as to which contract(s) should be used to best meet the Government's requirements. Some requirements may be an integral part of other efforts and it may be in the best interest of the Government to utilize this contract for those in-scope requirements. These determinations are not subject to the "Disputes" Clause of this contract. The only guarantee to the contractor is that the Government will place orders to meet the minimum specified herein.

1.0.4 Future requirements for the Seaport Contract and Base Realignment and Closure (BRAC) to this contract are unknown. If impacted, and once the extent of the impact to the contract is known, the contract (or resultant task orders) will be modified appropriately.

1.1 Background.

1.1.1 The NAWCWD, of the Naval Air Systems Command (NAVAIR), consists of the following sites: NAWCWD China Lake, NAWCWD Point Mugu; Naval Air Weapons Station (NAWS), China Lake; and attached activities such as Air Test and Evaluation Squadron Nine, and also any activity or location which directly supports the program mission of both NAWCWD and NAVAIR. Work shall also be performed at various locations throughout the United States.

1.1.2 The Mission of the Naval Air Warfare Center Weapons Division is to be the Navy's full-spectrum research, development, test and evaluation, and in-service engineering center for weapons systems associated with air warfare (except antisubmarine warfare systems), missiles and missile subsystems, aircraft weapons integration, and assigned airborne electronic warfare systems; and to maintain and operate the air, land, and sea Naval Western Test Range Complex. Detailed information on the complete set of NAWCWD products, services, and programs can be found at the following web-site: <http://www.nawcwd.navy.mil>.

1.2 RDT&E Information Technology (IT) Environment.

1.2.1 Communication Systems: The NAWCWD RDT&E Information Technology (IT) resources consist of a variety of infrastructures and systems located throughout the division. The communication systems range from special purpose stand-alone data systems and laboratory networks to large infrastructures. These systems transmit voice, video, and data for a diverse set of research and testing requirements. Uses include modeling and simulation; weapons planning system development, training, and operations; software and hardware development and testing, and range telemetry data collection, transmission, and reduction.

1.2.2 Computing Systems: The NAWCWD RDT&E computing capabilities consist of a variety of scientific and engineering systems and technologies that range from obsolescent to experimental. These capabilities also include sophisticated prototypes or experimental systems and technologies including artificial neural networks, virtual reality/synthetic environments, decision support systems, target recognition systems, avionics/embedded IT resources, geographical information systems and a host of other leading edge techniques and technologies of interest to the NAWCWD.

1.3 Software Process Environment.

1.3.1 The application and management of software development methods, practices and documentation varies from platform to platform in the NAWCWD scientific and engineering environment just as it does in the business and administrative environments. The software process related to the business and administrative functions are centered on standard industry methods and practices. In contrast, the scientific, engineering, and program specific environments follow a more Government-oriented software-engineering-environment standard, which includes Department of Defense (DoD) regulations and other software process environments.

1.3.2 The NAWCWD maintains a software process environment (SPE) for the development of weapon/aircraft tactical and support system software in accordance with DoD-STD-2167A/MIL STD 498. The NAWCWD has instituted an active program for the NAWCWD Software Process Improvement Initiative to improve its software and system engineering design/development/test processes to a higher maturity level in accordance with the Capability Maturity Model (CMM) principles developed by the Software Engineering Institute (SEI).

1.4 Subcontracting Requirements For Small Business And Small Disadvantaged Business Concerns.

1.4.1 This requirement does not apply to small disadvantaged business concerns. If the prime contractor is a small business concern, then paragraph 1.4.1.1 below does not apply to this contract. However, if the contract is awarded to a small business or a small disadvantaged business concern, the awarded contract shall include FAR clause 52.219-14 "Limitations on Subcontracting." For other concerns, the contractor shall meet the following minimum goals for awards of subcontract(s) to and utilization of small business and small disadvantaged business concern(s):

1.4.1.1 At least twenty-five percent (25%) of the total Level of Effort delivered under the contract shall be performed by small business concern(s) as defined by FAR 19.001.

1.4.1.2 At least ten percent (10%) (40% of the portion set-aside for small businesses) of the total Level of Effort delivered under the contract shall be performed by small disadvantaged business concerns as defined by FAR 19.001.

1.4.1.3 To assure further development of small business concerns, the work distributed to small business and small disadvantaged business will be required to be distributed in the same proportionate manner and labor mix among all labor groups (Professional; Specialist/Technical; and Administrative Support) as shown in Section B.

1.5 Local Facilities.

1.5.1 The contractor shall establish a facility located within 15 minutes of the main gate of NAWCWD, China Lake. These facilities shall meet the security requirements as outlined in the attached DD Form 254.

1.5.2 The contractor shall provide workspaces within their local facility for the contractor's administrative staff and 1% of the contractor's technical staff. However, the contractor shall be prepared to provide workspaces for up to 5% of the contractor's technical staff within their local facility. NAWCWD work spaces will be provided for the remainder of the contractor's technical workforce. Government provided work spaces will include desk units, phones and the computing equipment necessary for performance.

2 APPLICABLE DOCUMENTS.

2.0.1 Standard requirement documents (Government and Industry Specifications and Standards), reference texts, specific design requirements, and other references will be defined by individual task orders (T.O.s). All documents, except Information Assurance (IA) documents, cited in this PWS are for background information only. All IA will be in compliance with the following:

CJCSI 6211.02B, Defense Information System Network (DISN): Policy Responsibilities and Processes, 31 July 2003
CJCSI 6212.01C, Interoperability and Supportability of Information Technology and National Security Systems, 20 November 2003

CJCSI 6215.01B, Policy for Department of Defense Voice Networks, 23 September 2001

CJCSI 6250.01A, Satellite Communications, 28 May 2004

Chairman Joint Chiefs of Staff Manual (CJCSM) 6510.01, Information Assurance (IA) and Computer Network Defense (CND), 25 March 2003

CJCSI 6510.01D, IA and CND, 15 June 2004

CNO N614/HQMC C4, Navy-Marine Corps Unclassified Trusted Network Protection (UTN-Protect) Policy, Version 1.0, 31 October 2002

DoN CIO Guidance on Information Management/IT Inherently Governmental Functions, November 2001
DON IA Publication Series

DoDD 3020.26, Continuity of Operations (COOP) Policy and Planning, 26 May 1995

DoDI 4630.8, Procedures for Interoperability and Supportability of IT and NSS, 30 June 2004

DoDD 4630.5, Interoperability and Supportability of IT and NSS, 5 May 2004

DoDD 5000.1, The Defense Acquisition System, 12 May 2003

DoDI 5000.2, Operation of the Defense Acquisition System, 12 May 2003

DoD 5200.2-R, DoD Personnel Security Program, January 1987

DoDD 8100.1, Global Information Grid (GIG) Overarching Policy, 19 September 2002

DoDI 8100.2, Use of Commercial Wireless Devices, Services, and Technologies in the DoD Global Information Grid (GIG), 14 April 2004

DoDI 8100.3, DoD Voice Networks, 16 January 2004

DoDD 8190.3, Smart Card Technology, 31 August 2002

DoDD 8320.2, Data Sharing in a Net-Centric DoD, 2 December 2004

DoDD 8500.1, Information Assurance, 24 October 2002

DoDI 8500.2, Information Assurance Implementation, 6 February 2003

DoD 8510.1-M, DITSCAP Application Manual, 31 July 2000

DoDI 8520.2, Public Key Infrastructure (PKI) and Public Key (PK) Enabling, 1 April 2004

DoDI 8551.1, Ports, Protocols, and Services Management (PPSM), 13 August 2004

DoDD 8570.1, IA Training, Certification, and Workforce Management, 15 August 2004

DoD 8570.01-M Information Assurance Workforce Improvement Program December 19, 2005.

DoDI 8580.1, Information Assurance (IA) in the Defense Acquisition, 9 July 2004

DoDD C-5200.5, Communications Security (COMSEC), 21 April 2000

DoDI 8510.bb Interim DoD Information Assurance Certification and Accreditation Process (DIACAP), 06 July 2006

Executive Order 12958, as amended, Classified National Security Information, 17 April 1995

Executive Order 12333, United States Intelligence Activities, 4 December 1981

Federal Information Security Management Act of 2002, Title III of E-Government Act of 2002 (PL 107-347)
Computer Security Act of 1987 (PL 100-235)

Homeland Security Presidential Directive (HSPD-7), Critical Infrastructure Identification, Prioritization, and Protection, 17 December 2003

NAVSO 5239.1--Introduction to Information Systems Security
NAVSO 5239.2--Terms, Abbreviations, and Acronyms

NSTISSP No.11, National Policy Governing the Acquisition of IA and IA-Enabled IT Products, January 2000

OMB Circular A-130, Management of Federal Information Resources, 28 November 2000
OPNAVINST 5239.1B, Navy IA Program, 9 November 1999

SECNAVINST M-5239.11, DON Information Assurance Program; Information Assurance Manual, November 2005
SECNAVINST 5239.3A, DON Information Assurance Policy, 20 December 2004
SECNAVINST 5211.5D, DON Privacy Act Program, 17 July 1992
SECNAVINST 5720.47, DON Policy for Content of Publicly Accessible WW Sites, 24 October 2003
SECNAVINST 5510.30A, CH-1, DON Personnel Security Program Regulation, 19 June 2000
SECNAVINST 5510.36, DON Information Security Program Regulation, 17 March 99

2.0.2 The Government will provide all necessary reference documents not generally available to the Contractor when required in individual T.O.s. Throughout the life of the contract, if any instruction or document is replaced or superseded, the replacement or superseding instruction or document shall be applicable to these requirements only as defined by individual task orders.

2.1 Specifications and Standards.

2.1.1 National and international standards are fundamental to the acceptable performance of this requirement. American National Standards Institute (ANSI) and International Standards Organization (ISO) standards will be invoked under individual task orders. All commercially available hardware and software to be acquired by the Contractor in response to a Government requirement shall comply with the appropriate standards specified in the task order. Additional standards and specifications with a variety of origins, and DoD standards will be utilized to the extent necessary to promote maximum utility, flexibility and economy within the NAWCWD.

2.2 Software Development Standards.

2.2.1 Development, enhancement and implementation of present and future IT systems, whether RDT&E or business related, shall be in accordance with established software development standards, policies and procedures as specified in individual task orders.

2.3 Web Sites, Web Enablement & Application Development.

2.3.1 All task order Performance Work Statements with tasks referencing Web sites shall reflect current compliance with DoD, DON and NAVAIR Web site/server policies, including NAVINST 5238.1, integrating with MyNAVAIR (NAVAIR Corporate Portal) whenever possible:

“Current referenced applications will be modernized and all 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.”

2.4 Software Development/Server Procurement.

2.4.1 For task order Performance Work Statements that include software development and/or server procurement:

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.

3 REQUIREMENTS.

3.0.1 The Contractor shall provide the following types of services as further defined in individual T.O.s. The following sections are interrelated and are not exclusive or exhaustive groupings of possible tasks. Subsections are provided to help categorize and aid in the understanding of the scope of the services to be provided under this contract.

3.1 Studies, Analyses and Assessments.

3.1.1 The Contractor shall provide support services in various scientific and engineering fields to research, assess, analyze, design, develop, test, benchmark, and evaluate the application of IT resources to meet NAWCWD mission requirements. Benchmarking shall include hardware, software, systems and components to determine their applicability, economy, effectiveness, and performance in supporting the NAWCWD mission. Areas supported include weapon system analysis, engineering and integration; system software design, development, verification and validation; in-service engineering for weapons database management systems; IT architectures; communication systems; and IT systems/security.

3.1.2 The Contractor shall devise new and/or enhanced mathematical and/or statistical solutions to physical, engineering or business problems. Engineering problems may include analysis/simulation/modification of current embedded computer resources in aircraft avionics and missile weapon systems. Physical problems may include simulations and projections of aircraft and missile engagement profiles. End products may include IT resource system requirements, life cycle management documentation, functional descriptions, specifications, technical reports, test plans, benchmark tests, engineering studies and suitable applications programs.

3.1.3 The Contractor shall utilize on-demand high performance computing (HPC) to meet mission objectives and serve NAWCWD science-and-technology and test-and-evaluation communities in support of NAVAIR and its mission in serving the Fleet. HPC-based efforts may support areas such as modeling of radio-frequency systems and antenna designs, computational fluid dynamics, ocean modeling, weather prediction, radar-cross-section prediction and signal and image processing. HPC support may include the application of conventional "super computers", "real time" computers and scalable parallel processors to the NAWCWD mission.

3.1.4 The Contractor shall perform feasibility and design studies, analyses and development/implementation of communications systems and networks for large as well as small scale IT systems for use by NAWCWD and other Government and Contractor entities which require (in pursuit of NAWCWD mission objectives) such support.

3.1.5 The Contractor shall perform studies, analyses and implementation support services for data/system security procedures in support of information assurance (IA) requirements. This effort includes but is not limited to embedded weapon systems, weapon system support, scientific and engineering IT systems.

3.1.6 The Contractor shall perform artificial intelligence studies, analyses and implementation in the areas of representation and reasoning including generative and reactive planning/control, fuzzy logic/control, reasoning, argumentation, and deduction. Other possible areas of support are related to perception disciplines such as 3D modeling and interpretation, information source integration, image/scene analysis, object and feature detection/recognition/analysis, and virtual reality.

3.2 Project Planning, Technical Reviews, and Documentation for IT Systems.

3.2.1 The Contractor shall perform, participate in, and support technical reviews to demonstrate and document NAWCWD IT systems and IT project compliance with DoD, Department of the Navy (DoN), and joint service or other Government project requirements, reviews, and development schedules.

3.2.2 The Contractor shall provide IT project planning and management activities including feasibility, cost/benefit, alternatives, and economic analyses and planning services as well as services related to the entire set of standard project management functions and full life-cycle management of all projects assigned.

3.2.3 The Contractor shall develop various documents at the task order level that shall include but are not limited to the following:

3.2.3.1 Configuration Management Plan

3.2.3.2 Database Administration Plan

3.2.3.3 Data Communications Plan

3.2.3.4 Economic Analysis, Modeling and Trade-off analyses

3.2.3.5 Functional Descriptions

3.2.3.6 General Functional Requirements

3.2.3.7 Interface Design Documents

3.2.3.8 Plan of Actions and Milestones

3.2.3.9 Logistics Plans

3.2.3.10 Maintenance and Operations Plans

3.2.3.11 Project Management Plans

3.2.3.12 Repair and Maintenance Plans

3.2.3.13 Requirements Documents

3.2.3.14 Security Plans

3.2.3.15 Software Design Documents

3.2.3.16 Software Development Plans

3.2.3.17 System or Subsystem Specifications

3.2.3.18 Standardization and Interoperability Plans

3.2.3.19 Quality Assurance Plans

3.2.3.20 Test and Evaluation Plans

3.2.3.21 Test Procedures, Results and Reports

3.2.3.22 Training Plans

3.2.3.23 Training Materials

3.2.3.24 Transition Strategy Plans

3.2.3.25 User Manuals

3.2.3.26 Verification and Validation Plans

3.3 Software Development.

3.3.1 The Contractor, in response to software requests, shall first review existing commercial off-the-shelf software (COTS) and government off-the-shelf software (GOTS) for its applicability to the NAWCWD mission and the planning for and integration of selected software into the NAWCWD software suite prior to promoting a development program. All software efforts shall comply with the DoD and DoN application and portfolio management initiatives. In support of software systems development, the Contractor shall perform:

3.3.1.1 Strategic, generalized and project specific planning.

3.3.1.2 Requirements definition, technology assessment, feasibility studies, and analysis of alternatives.

3.3.1.3 Systems modeling, systems integration, interface planning and transition analysis.

3.3.1.4 Design, enhancement, modification, prototyping, coding, testing, evaluation, implementation and training for IT applications.

3.3.1.5 Development, implementation, modification and update of operating systems and communications software systems.

3.3.1.6 Development of new, prototype, one-of-a-kind and novel data gathering and data reduction devices.

3.3.1.7 Application of computer aided engineering disciplines such as, but not limited to, computer aided design, computer aided manufacturing and computer integrated manufacturing, and computer aided software engineering (CASE) disciplines such as, but not limited to, diagram editing systems, design analysis and checking facilities, query language facilities, data dictionary facilities, report generation facilities, forms generation tools and import/export facilities. These disciplines shall be applied, where applicable, to NAWCWD scientific and engineering IT support requirements.

3.3.1.8 Support of the independent verification and validation process.

3.3.2 The Contractor shall perform analysis, design, coding, integration, testing, and deployment of specified software which shall include providing training to Government personnel. The Contractor shall also perform these efforts with both COTS and GOTS software.

3.3.3 The Contractor shall participate in assessments, process definition, preparation and implementation of plans of action for improvement, and reassessments of software projects.

3.3.4 The Contractor shall develop embedded software for weapons systems, aircraft systems, and simulations. The Contractor shall also provide software development support for war gaming simulations and exercises.

3.3.5 The Contractor shall provide software development support for process monitor control systems and environmental monitoring systems.

3.3.6 The Contractor shall provide software development support for activities related to the prototyping, development, coding, testing, integration, and maintenance of software for weapon system tactical support systems.

3.4 Information Technology Services.

3.4.1 The Contractor shall provide information and communications systems development and operations services for the NAWCWD RDT&E mission and supporting business functions. These services include communications system development and operations, computer system and software installation and operations, system/software administration, system and component maintenance, user support, training, security, and computer facilities management.

3.4.2 The Contractor shall provide support services for voice, video, and data communications systems. Management of these network and communication services encompass intranets, internets, electronic commerce, telephony and other associated networking/communication systems including the support necessary to develop, implement and maintain such systems. The Contractor shall provide and implement fail-safe security including the incorporation of network and system security systems and practices. The Contractor shall be responsible for the design, integration, installation, and operations of computer/communications components and associated functions.

3.4.3 The Contractor shall provide hardware and software systems planning and engineering in support of systems transition, reliability, maintainability, human factors, personnel requirements, standardization, cost effectiveness and quality assurance as well as engineering services including function analysis, synthesis of concepts, evaluation, development of decision matrices, and development/description of system elements.

3.4.4 The Contractor shall provide hardware and software services for NAWCWD computing and communications systems and their various components and associated systems.

3.4.4.1 Hardware services include system development, configuration, installation, calibration, modification, repair, upgrade and modernization, evaluation of performance, cleaning and adjusting to meet manufacturers' original equipment specification tolerances or those established through subsequent modifications.

3.4.4.2 Software services include evaluating and optimizing system software; analyzing new software releases to determine impact on existing applications; maintaining, testing, and debugging system software; installing releases; developing various utilities; providing assistance to users of systems software; and performance of configuration management.

3.4.5 The Contractor shall provide support for scientific and engineering systems and initiatives as well as analyses of IT operations and maintenance issues. The Contractor shall be required to set up, operate and optimize data collection and validation systems composed of unique and/or special purpose, one-of-a-kind IT resource systems and components in a variety of locations, climates and environments.

3.4.6 The Contractor shall provide support services for system troubleshooting with restoration of system software to operational condition, system performance monitoring and tuning, system backup and recovery, and the setup of distributed computing systems/environments. The Contractor shall ensure reliable system operation through baseline backups plus incremental backups to digital media, plus rapid, responsive recovery in the event of hardware failure.

3.4.7 The Contractor shall provide support services for the NAWCWD RDT&E workstation and server environment including management and support of linked or networked resources; monitoring, tracking, and ordering; and installation, modification, troubleshooting and upgrading.

3.4.8 The Contractor shall also provide centralized user support including a single point of contact for problem reporting and resolution regarding workstation hardware, software, equipment, management and performance analysis; dispatch of repair or assistance personnel, technical advice, assistance, and training to users. These services may be provided as part of a NAWCWD corporate function or to specific organizational components of NAWCWD.

3.4.9 The Contractor shall provide user and operator support, maintenance and integration services, including both call-in and on-line support, and troubleshooting of the various automated scientific and engineering systems. Contractor shall provide components utilized in the research, development, test, evaluation and training requirements of the NAWCWD; provide development, improvement, modernization, and operations of support centers/help desks; and provide maintenance for automated systems only if such systems are not covered by a separate maintenance agreement(s) with the original equipment manufacturer or third party maintenance organization.

3.4.10 The Contractor shall provide support services for the training of Government personnel on the use of IT systems and application software. Training, if any, shall be for Contractor produced products, Government products, other third party software or combinations thereof.

3.4.11 The Contractor shall perform IT security functions in the areas of computer security, network security, and information security per requirements defined at the task order level. The Contractor shall provide support services for the accreditation of computer/communications hardware, software, and systems.

3.4.12 The Contractor shall provide services in support of the development and continuation of customer relationship management (CRM) strategies including system selection, development, implementation, and operations.

3.4.13 The Contractor shall support the recently adopted NAVAIR thrust to integrate business systems and processes using enterprise resource planning (ERP) concepts and practices in support of NAVAIR/NAWCWD business software such as financial, budgets, procurement, personnel, supply and materials, and other legacy systems in an automated and integrated environment. This requirement will be effective once ERP is implemented by the Government. The Contractor shall provide support services for configuration and integration of hardware and software including interconnectivity of IT equipment in support of collaborative computing systems. The Contractor shall provide intercommunication for interfacing organizations, interface analysis, computer resource installation, and software and hardware connectivity. NAWCWD will share common data and practices across the enterprise and enable systems to produce and access information in real-time mode.

3.5 Data and Information Handling, Data Management, and Administration.

3.5.1 The Contractor shall provide data and information handling support services using an array of data formats, media and input methodologies that includes, but is not limited to: voice, data, film, video, image, printed materials, and combinations thereof. These support services include but are not limited to: word processing, data acquisition, data processing, data entry (including keypunching), data management, data reduction and analysis, media conversion, microfilming, microfiche, image scanning and multimedia technologies. The Contractor shall also provide technical library support that includes, but is not limited to: library management, library systems operations, resource management, research, acquisition, and distribution. The Contractor shall be required to use both manual and automated systems to accomplish these described types of tasks.

3.5.2 The Contractor shall define, analyze, rationalize and develop alternatives for data and information handling; perform econometric analyses and present alternatives for the development of database initiatives. Based on a Government-selected and authorized database initiative, the Contractor shall be required to provide support in any or all of the following database areas: design, development, programming, installation, operation, modification, update, documentation, and maintenance. Operation of databases may include incorporation of authorized changes into existing data files, creation of backup and archive copies of new or updated data files, creation of new data files from digital draft, handwritten, typed or other media input, and conversion of data files from one format to another.

3.5.3 The Contractor shall design, develop, maintain, update, modify, track, and evaluate IT hardware, software and systems documentation. Examples of such documentation include, but are not limited to, specifications, conceptual documents, design documents, operations and maintenance manuals, processes and procedures, drawings, test documentation, and other types of data developed or acquired by the Government.

3.5.4 The Contractor shall perform documentation reviews to verify accuracy, clarity, consistency, completeness, and conformance to applicable standards. The Contractor shall also provide publishing functions (e.g., text, tables, equations, graphics and various file conversions). The elements of the review may include proofreading, legibility, grammar, spelling, punctuation, dimensioning and tolerancing, and others as specified as necessary to meet project/program/mission goals.

3.5.5 The Contractor shall operate computer-aided design (CAD), computer aided manufacturing (CAM), computer integrated manufacturing (CIM), and computer aided engineering (CAE) (including computer aided software engineering) systems.

3.5.6 The Contractor shall provide support for the various on-going management process improvement efforts of the NAWCWD. Efforts may include charting, development, description and analysis of process measures (metrics), interpretations and recommendations, and information presentation and distribution.

3.5.7 The Contractor shall provide data management and administration services including project and program specific data repositories and data dictionaries, as well as other data management services for project and program specific applications.

3.6 Configuration/Data Management for IT Systems.

3.6.1 The Contractor shall provide configuration/data management services for NAWCWD IT systems. Responsibilities will include the definition, accounting, documenting, controlling, storing, and reporting of data and information concerning hardware, software, systems, components and processes over their life cycle. The specific documentation, procedures, format and content shall be controlled by selective application and tailoring of necessary standards. Some examples of documentation that shall be required by the Government during the term of the contract include:

3.6.1.1 Studies and analysis related to automated tools and modeling systems.

3.6.1.2 Scientific and Technical reports including analysis, trade-off studies, alternatives and status summaries.

3.6.1.3 Modeling and simulation data spanning the spectrum from real time to off-line.

3.6.1.4 Computer aided engineering data spanning the spectrum from computer aided drafting/design to computer integrated manufacturing.

3.6.1.5 Design specifications for hardware, software and systems ranging from one-of-a-kind data-gathering systems to interface specifications for embedded systems.

3.6.1.6 "As Built" data and documentation for hardware, software and systems.

3.6.1.7 Maintenance manuals and associated maintenance processes and procedures.

3.6.1.8 Database interface and interconnection requirements.

3.6.1.9 Quality control and quality assurance processes, procedures and application strategy data.

3.6.1.10 Econometric studies and analysis of various automated scientific, engineering and training systems and subsystems and their inter-relationships.

3.6.1.11 Reliability, maintainability and availability data, including statistical data.

3.6.1.12 Graphical data and interactive graphic data.

3.6.1.13 System and equipment installation/de-installation data.

3.7 Quality Assurance/Quality Control of IT Systems.

3.7.1 The Contractor shall provide services in areas related to reliability, maintainability, quality engineering, quality assurance and parts control.

3.7.2 The Contractor shall be required to review and analyze processes, plans and procedures. Services may also include the preparation and updating of quality plans and procedures, criticality analysis, procedural audits, analysis and tracking of requirements, inspection of product design and implementation, examining records of walk-throughs and inspections, supporting the preparations for project reviews certifying test procedures, facilities and tools, and witnessing tests.

3.8 Corporate Business Services.

3.8.1 The Contractor shall provide services in various areas of corporate business support that include, but are not limited to:

3.8.1.2 Financial and business support including financial and accounting support, property/inventory services, procurement/supply support, and resource planning services.

3.8.1.3 Administrative support services to provide data and information handling services using an array of data formats.

3.9 Test Support Services.

3.9.1 The Contractor shall provide test support services, telemetry support services and other data capture and data retrieval support services related to the RDT&E mission of the NAWCWD.

3.9.2 The Contractor shall provide computational analysis of derived data (e.g., force coefficients, transfer coefficients and drag). The Contractor shall also perform theoretical computations to predict or model flight-test characteristics.

3.9.3 The Contractor shall provide modeling and simulation services including the various derivations and permutations thereof including scientific visualization, artificial/synthetic environments, virtual reality, real time simulation, hybrid simulation, distributed interactive simulation (constructive and virtual with linkages to live), and 3-D/solid modeling. Modeling and simulation shall include prototyping to define the feasibility for entering into acquisitions to support Fleet needs for which there is no system or for which existing systems do not provide the needed capabilities as well as verification and validation of various simulations and the accreditation of support services.

3.9.4 The Contractor shall provide data editing and examination of field records that includes, but is not limited to, photographic film, videotape, and associated data recording methodologies support services.

3.10 Management of Sensitive and Secure Data and Systems.

3.10.1 A primary concern of the Government is the capability of the contractor to ensure confidentiality of the information resident in the various scientific, engineering and training systems while providing support services. Therefore, the Contractor shall provide both, an adequate data systems design and stringent operating practices and procedures.

3.10.2 Depending on the particular system involved, information used on or with that system may be classified up to the level of 'Top Secret', or in any of several "Unclassified Sensitive" categories. Examples of "Unclassified Sensitive" categories include but are not limited to: 'For Official Use Only,' 'Privacy Act,' 'Procurement Sensitive', and 'Export Controlled'. Systems operating above the level of 'Secret' require special review and handling and will not be utilized without review of the task order by the NAWCWD Security Office.

3.10.3 The duplication and disclosure of classified or sensitive information to any person other than a Government or contractor employee who must have the information for the performance of obligations, as set forth by the requirements of this contract, is forbidden unless such duplication or disclosure is specifically authorized in writing by the Contracting Officer (see the Contract level or T.O. level if applicable, DD254 (Attachment 1) for a detailed description of security requirements).

3.10.4 Contractor personnel assigned to manage, handle, maintain, or otherwise have access to classified or sensitive information or systems shall possess the appropriate security classification and have had appropriate, current training prior to being afforded access to classified or sensitive information or systems. The Contractor shall also provide periodic (not less than once per year) general employee indoctrination and awareness training concerning the classified and sensitive nature of the various information processing systems and the Contractor's responsibilities for safeguard of these systems. Such presentations shall be submitted to the Contracting Officer for Security Matters for approval prior to their presentation to contractor employees.

3.10.5 The Contractor shall implement security policies and procedures in several aspects, including but not limited to:

3.10.5.1 Operating System Security: including the control of access to IT systems data functions, hardware, and software resources by users and user processes.

3.10.5.2 Human/Computer Interface Security: including the definition and execution of types of user access to objects or data within the purview of human/computer interface systems. This includes but is not limited to limiting personnel access to windows, menus, or functions that provide human/computer interface, and the security labeling of information on displays.

3.10.5.3 Programming Security Services: including the control of access to and the integrity of programming objects such as libraries, program code, tools or information that provides the infrastructure for development of software.

3.10.5.4 Data Management Security: including control of, access to, and integrity of data stored in a system through the use of specific mechanisms such as privileges, database views, assertions, user profiles, verification of data content, and data labels.

3.10.5.5 Data Interchange Security: including verification and validation of the integrity of specific types of data interchange, such as nonrepudiation, encryption, access, data security labeling, etc.

3.10.5.6 Graphics Security: including protection of the integrity of and access to data graphic images such as charts, graphs, pictorials, animations, etc.

3.10.5.7 Network Security: including access, authentication, confidentiality, integrity and nonrepudiation controls, and management of communications between senders and receivers of information on a network as well as cooperation with other contractors and Government personnel assigned primary responsibility for NAWCWD networking system security.

3.11 Contract Data Requirements Listings (CDRL).

3.11.1 The specific content, periodicity, delivery and format (if applicable) requirements of each report described below are defined in Exhibit A.

3.11.1.1 **Monthly Progress Report, CDRL A001.** The contractor shall provide Monthly Progress Reports for each Task Order, outlining work accomplished, problems encountered, problems solved, travel/trip report(s), items delivered, training completed, current schedule. T.O. requirements may specify additional reporting items. The contractor shall submit a proposed format to the Government no later than 15 days after the effective date of the contract. The format is subject to Government approval. (Not required for Firm Fixed Price CLINS)

3.11.1.2 **Task Order Expense Report, CDRL A002,** for each Cost Plus Award Fee Task Order. The contractor shall prepare and submit a bi-weekly (twice a month) Task Order Expense Status Report reflecting task order status relative to expense of dollars and labor hours. The report shall reflect the contractor's "best estimates" of actual dollars and labor hours expended through the end of the previous week, and projections of weekly "burn rate," "stop work" date, and variances from expected expense plan. The cost information shall include a trend analysis graph for both hours and dollars to assist the Government in determining the status of each Task Order. The contractor shall

submit a proposed format to the Government no later than 7 days after the effective date of the contract. The format is subject to Government approval. (Not required for Firm Fixed Price CLINS)

3.11.1.3 Estimate to Complete/Estimate at Completion (ETC/EAC) Report, **CDRL A003**. This report shall represent the contractor's best estimate of total expenses (labor hours and dollars costs) at the T.O. period end date. The contractor shall develop and deliver this product for each T.O. for the phase ending dates listed in the CDRL. (Not required for Firm Fixed Price CLINS)

3.11.1.4 The Contractor Award Fee Performance Self-Evaluation Report, **CDRL A004 for each evaluation period**. (Not required for Firm Fixed Price CLINS)

3.11.1.5 Funds/LOE 75% status spreadsheet, **CDRL A005**. The contractor shall provide this bi-weekly (twice a month) spreadsheet in accordance with the details in the CDRL. (Not required for Firm Fixed Price CLINS)

3.11.1.6 The Contract Cost Summary Report, **CDRL A006**. The contractor shall prepare and submit concurrently with each voucher/invoice submitted. (Not required for Firm Fixed Price CLINS)

3.11.1.7 Contract Data Product Summary, **CDRL A007**. The contractor shall deliver a CD archiving all contract level data products submitted from contract inception through date of submittal of this data product. Submission is required 15 days after the end of each Government fiscal year, and 15 days after the end of the contract period of performance. The contractor shall submit the proposed format no later than 45 days after the effective date of the contract. The format is subject to Government approval.

3.11.1.8 Employee Qualification Statement, **CDRL A008**. The contractor shall provide a CD of qualification packages, based on Employee Qualification (Attachment 1) for all direct personnel employed under the STARS contract within 30 calendar days of contract start date.

3.11.1.9 The Award Fee Period Hours Report, **CDRL A009** summarizing all hours worked during each evaluation period. (Not required for Firm Fixed Price CLINS)

3.11.1.10 The Burdened and Unburdened Labor Rate Report, **CDRL A00A**. (Not required for Firm Fixed Price CLINS)

3.11.1.11 The Indirect Expense Report, **CDRL A00B**. (Not required for Firm Fixed Price CLINS)

3.11.1.12 The Relocation Report, **CDRL A00C**.

3.11.1.13 The Personnel Report, **CDRL A00D**.

3.11.1.14 The Phase-Out Plan, **CDRL A00E**. The contractor shall prepare and submit a Phase-Out Plan. The Phase-Out Plan shall describe the transition between the incumbent contractor and the follow-on contractor. The Phase-Out Plan is deliverable only if requested by the Contracting Officer. The Phase-Out Plan (draft and final) shall be delivered to the Contracting Officer and COR as an electric file attachment to a transmitting E-mail.

3.11.1.15 The Operations Security (OPSEC) Plan, **CDRL A00F**. The contractor shall prepare and submit the draft OPSEC plan 90 days after award. The final plan is due 45 days after government approval of the draft.

3.11.1.16 Status Report. The contractor shall prepare and submit an Information Technology Personnel Security Report for the Contracting Officer Representative (COR) and an Information Technology Personnel Security Report for NAVAIR Security within (30) days after addition of this CDRL or contract start date. Subsequent reports are due (365) days after first report. Updated report is required within 30 days of gain or loss of employee(s) that have or will access Government IT systems. (**CDRLs A00G & A00H**)

3.11.1.17 Invoice Summary Report, **CDRL A00J**. The contractor shall prepare and submit concurrently with each voucher/invoice submitted.

3.11.1.18 The Contractor shall provide other CDRLs (e.g., technical reports) as required and defined by individual T.O.s.

3.12 GOCO/COGO Vehicles.

The contractor shall provide all vehicles required for the performance of this contract unless shared access is authorized. Contractor personnel may use Government/Contractor Owned Government/Contractor Operated (GOCO/COGO) vehicles under the following conditions:

5252.228-9501 LIABILITY INSURANCE is included in this contract and applies to the use of GOCO/COGO vehicles

The contractor shall meet all training and licensing requirements to operate the COGO and GOGO vehicles and equipment.

The contractor need for COGO and GOGO vehicles and equipment must be generally less than full time and shall not interfere with government use of those vehicles and equipment. If the contractor needs full time access to vehicles and equipment then the contractor should provide their own vehicles and equipment.

Use of GOCO/COGO is for contractors that work on a government site. Contractors that work primarily off site should provide their own vehicles and equipment.

Information: NAWC WD Transportation can only issue vehicles and equipment to government employees. The government code remains responsible for the vehicles and equipment. The government code will only provide vehicle and equipment access to the contractor on a "as available" basis.

4.0 SPECIAL CONSIDERATIONS.

4.1 Vehicles. Clause 5252.245-9500 in the contract applies.

4.2 Security. The attached DD Form 254 identifies the anticipated security access and performance requirements for a majority of the task orders that will be issued under this contract. T.O. specific DD254's will be issued when security requirements differ in anyway from the basic contract DD254.

4.3 Recall: In the event of an emergency at NAWCWD, a critical essential Government point of contact may recall contractors who have already been identified as "critical/essential" and are providing IT/IM Corporate Operations support under this contract.

Critical Essential definitions and personnel are identified in accordance with NAWS Instruction 5560 dated 25 Oct 07.

SECTION G - CONTRACT ADMINISTRATION DATA

The following have been modified:

5252.201-9501 DESIGNATION OF CONTRACTING OFFICER'S REPRESENTATIVE (COR)(NAVAIR) (OCT 1994)

(a) The Contracting Officer has designated (b)(6) Code 721000D, (b)(6)
China Lake, CA 93555-6100 as the authorized Contracting Officer's Representative (COR) and
(b)(6) Code 721000D, (b)(6), China Lake, CA 93555-6100
as the authorized Alternate Contracting Officer's Representative (ACOR) for this contract.

(b) The COR is responsible for monitoring the performance and progress, as well as overall technical management of the orders placed hereunder and should be contacted regarding any questions or problems of a technical nature. In no event, however, will any understanding or agreement, modification, change order, or other matter deviating from the terms of the contract between the Contractor and any person other than the Contracting Officer be effective or binding upon the Government, unless formalized by proper contractual documents executed by the Contracting Officer prior to the completion of this contract.

(c) When, in the opinion of the Contractor, the COR requests effort outside the scope of the contract, the Contractor will promptly notify the Contracting Officer in writing. No action will be taken by the Contractor under such technical instruction until the Contracting Officer has determined if such effort is within the contract scope, and, if not, has issued a contract change.

5252.242-9511 CONTRACT ADMINISTRATION DATA (NAVAIR)(NOV 2006)

(a) Contract Administration Office.

(1) The following contract administration functions (see FAR 42.302(a) and DFARS 242.302(a)) will be retained by the Procuring Contracting Officer (PCO): FAR 42.302(a) (3), (4), (6), (10), (13), (15), (17), (23), (26)-(29), (31), (38)-(40), (44)-(47), (51), (58)-(59), (62)-(64), (67), (70).

(2) The remaining contract administration functions are assigned (see FAR 42.302) to DCMA Palmdale California, 40015 Sierra Highway, Suite B-110, Palmdale, CA 93550; Attention: Sandra Contreras, Administrative Contracting Officer.

(b) Inquiries regarding payment should be referred to: MyInvoice at <http://www.dod.mil/dfas/contractorpay/myinvoice.html>.

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

Exhibit A has been updated to include CDRL A00J. A copy of CDRL A00J is included herein.

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Exhibit (A)	Contract Data Requirements Lists (CDRLS)	28	02/12/2009
Attachment (1)	Employee Qualifications	8	05/25/2007
Attachment (2)	WD Kern County 05-2044 (Rev (06))	10	11/07/2007
Attachment (3)	WD Ventura County 05-2072 (Rev 05))	9	07/24/2007
Attachment (4)	Award Fee Plan	16	05/25/2007
Attachment (5)	Reserved		
Attachment (6)	Contract Security Classification Specification (DD254), Revision 1	113	06/05/2008
Attachment (7)	SubContracting Plan	12	07/16/2007
Attachment (8)	Small Disadvantaged Business Participation Target 5		07/16/2007

CONTRACT DATA REQUIREMENTS LIST (1 Data Item)						Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA. 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. N68936-08-D-0016		B. EXHIBIT A	C. CATEGORY: TDP TM OTHER: FNCL				
D. SYSTEM/ITEM STARS			E. CONTRACT/PR NO.		F. CONTRACTOR Jacobs Technology		
1. DATA ITEM NO. A00J	2. TITLE OF DATA ITEM FUNDS AND MAN-HOURS EXPENDITURE REPORT				3. SUBTITLE Invoice Summary Report		
4. AUTHORITY (Data Acquisition Document No.) DI-FNCL-80331A		5. CONTRACT REFERENCE SOW Para 3.11.1.17			6. REQUIRING OFFICE NAWCWD CODE 721000D		
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED SEE BLK 16	10. FREQUENCY BI-WE	12. DATE OF FIRST SUBMISSION SEE BLK 16		14. DISTRIBUTION		
8. APP CODE N/A	11. AS OF DATE SEE BLK 16	13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16		a. ADDRESSEE See Blk 16		b. COPIES	
				Draft	Final		
				Reg	Repro		
				0	2	0	
Block 16 Remarks							
Block 4: May be in Contractor format as long as DID is used for guidance. See attached sample provided.							
Block 9: Distribution Statement B: Distribution authorized to US Government agencies only; administrative or operational use; 31 August 2000. Other requests for the document shall be referred to NAVAIRWD Code 720000D, 1 Administration Circle, China Lake Ca 93555-6100.							
Block 11: Each report shall include all activities for the previous 2 week period.							
Block 12: Shall be made available twice monthly.							
Block 13: Shall be made available twice monthly.							
Block 14: Shall be delivered in an electronic format agreed upon by both Government and Contractor prior to 1st submittal. Data shall be made available to the Government via access to password-protected Internet web pages on the Contractor's web site. The Contractor shall maintain and make similarly available historical past reports submitted by the Contractor. The Contracting Officer (Code 210000D) and COR (721000D) via Email message.							
				15. TOTAL →	0	2	0
G. PREPARED BY Naval Air Warfare Center, Weapons Division, China Lake, CA 93555-6100			H. DATE 12 FEB 09	I. APPROVED BY <i>[Signature]</i> DRRB Chairperson		J. DATE 12 FEB 09	

DD Form 1423-1, 1 Jun 90

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 15
2. AMENDMENT/MODIFICATION NO. P00006	3. EFFECTIVE DATE 13-Mar-2009	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)
6. ISSUED BY CDR NAWCVM CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual agreement of the parties				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards091433 The purpose of this modification is to correct the GOGO/COGO terminology in paragraph 3.12 of the PWS.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LEA ANN DAVIS / PROCURING CONTRACTING OFFICER TEL: (760) 939-8197 EMAIL: leaann.davis@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Lea Ann Davis</i> (Signature of Contracting Officer)	16C. DATE SIGNED 13-Mar-2009	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been modified:

**Performance Work Statement (PWS) for the Scientific,
Technical, Administrative, and Research, Development, Test, & Evaluation Services (STARS)
Revised 13 March 2009**

1 SCOPE.

1.0.1 The scope of this contract effort encompasses the services and materials necessary to support the analysis, design, development, test, integration, deployment, and operations of information technology (IT) systems and services. These services sustain the research, development, test and evaluation (RDT&E), and business/administrative functions in support of the Naval Air Warfare Center Weapons Division (NAWCWD).

1.0.2 This Scientific, Technical, Administrative, and Research, Development, Test, & Evaluation Services (STARS) contract will serve as one of the key support elements that allows NAWCWD to fulfill its mission. The NAWCWD environment today includes the spectrum of RDT&E infrastructure, systems, and functions necessary to carry out the "weaponizing" charter of the organization. NAWCWD currently provides weapons related efforts from basic scientific research to in-service engineering support.

1.0.3 To fulfill the requirements of this contract and to most effectively employ the spectrum of service contracts available for the support of NAWCWD, the Government reserves the right to unilaterally determine the most appropriate contractual vehicle to be utilized so long as the requirement is within the scope of the contract and the use of the contract is not contrary to law or regulation. In those cases where there is overlapping coverage between two or more service contracts, the Government will make a unilateral determination as to which contract(s) should be used to best meet the Government's requirements. Some requirements may be an integral part of other efforts and it may be in the best interest of the Government to utilize this contract for those in-scope requirements. These determinations are not subject to the "Disputes" Clause of this contract. The only guarantee to the contractor is that the Government will place orders to meet the minimum specified herein.

1.0.4 Future requirements for the Seaport Contract and Base Realignment and Closure (BRAC) to this contract are unknown. If impacted, and once the extent of the impact to the contract is known, the contract (or resultant task orders) will be modified appropriately.

1.1 Background.

1.1.1 The NAWCWD, of the Naval Air Systems Command (NAVAIR), consists of the following sites: NAWCWD China Lake, NAWCWD Point Mugu; Naval Air Weapons Station (NAWS), China Lake; and attached activities such as Air Test and Evaluation Squadron Nine, and also any activity or location which directly supports the program mission of both NAWCWD and NAVAIR. Work shall also be performed at various locations throughout the United States.

1.1.2 The Mission of the Naval Air Warfare Center Weapons Division is to be the Navy's full-spectrum research, development, test and evaluation, and in-service engineering center for weapons systems associated with air warfare (except antisubmarine warfare systems), missiles and missile subsystems, aircraft weapons integration, and assigned airborne electronic warfare systems; and to maintain and operate the air, land, and sea Naval Western Test Range Complex. Detailed information on the complete set of NAWCWD products, services, and programs can be found at the following web-site: <http://www.nawcwd.navy.mil>.

1.2 RDT&E Information Technology (IT) Environment.

1.2.1 Communication Systems: The NAWCWD RDT&E Information Technology (IT) resources consist of a variety of infrastructures and systems located throughout the division. The communication systems range from special purpose stand-alone data systems and laboratory networks to large infrastructures. These systems transmit voice, video, and data for a diverse set of research and testing requirements. Uses include modeling and simulation; weapons planning system development, training, and operations; software and hardware development and testing, and range telemetry data collection, transmission, and reduction.

1.2.2 Computing Systems: The NAWCWD RDT&E computing capabilities consist of a variety of scientific and engineering systems and technologies that range from obsolescent to experimental. These capabilities also include sophisticated prototypes or experimental systems and technologies including artificial neural networks, virtual reality/synthetic environments, decision support systems, target recognition systems, avionics/embedded IT resources, geographical information systems and a host of other leading edge techniques and technologies of interest to the NAWCWD.

1.3 Software Process Environment.

1.3.1 The application and management of software development methods, practices and documentation varies from platform to platform in the NAWCWD scientific and engineering environment just as it does in the business and administrative environments. The software process related to the business and administrative functions are centered on standard industry methods and practices. In contrast, the scientific, engineering, and program specific environments follow a more Government-oriented software-engineering-environment standard, which includes Department of Defense (DoD) regulations and other software process environments.

1.3.2 The NAWCWD maintains a software process environment (SPE) for the development of weapon/aircraft tactical and support system software in accordance with DoD-STD-2167A/MIL STD 498. The NAWCWD has instituted an active program for the NAWCWD Software Process Improvement Initiative to improve its software and system engineering design/development/test processes to a higher maturity level in accordance with the Capability Maturity Model (CMM) principles developed by the Software Engineering Institute (SEI).

1.4 Subcontracting Requirements For Small Business And Small Disadvantaged Business Concerns.

1.4.1 This requirement does not apply to small disadvantaged business concerns. If the prime contractor is a small business concern, then paragraph 1.4.1.1 below does not apply to this contract. However, if the contract is awarded to a small business or a small disadvantaged business concern, the awarded contract shall include FAR clause 52.219-14 "Limitations on Subcontracting." For other concerns, the contractor shall meet the following minimum goals for awards of subcontract(s) to and utilization of small business and small disadvantaged business concern(s):

1.4.1.1 At least twenty-five percent (25%) of the total Level of Effort delivered under the contract shall be performed by small business concern(s) as defined by FAR 19.001.

1.4.1.2 At least ten percent (10%) (40% of the portion set-aside for small businesses) of the total Level of Effort delivered under the contract shall be performed by small disadvantaged business concerns as defined by FAR 19.001.

1.4.1.3 To assure further development of small business concerns, the work distributed to small business and small disadvantaged business will be required to be distributed in the same proportionate manner and labor mix among all labor groups (Professional; Specialist/Technical; and Administrative Support) as shown in Section B.

1.5 Local Facilities.

1.5.1 The contractor shall establish a facility located within 15 minutes of the main gate of NAWCWD, China Lake. These facilities shall meet the security requirements as outlined in the attached DD Form 254.

1.5.2 The contractor shall provide workspaces within their local facility for the contractor's administrative staff and 1% of the contractor's technical staff. However, the contractor shall be prepared to provide workspaces for up to 5% of the contractor's technical staff within their local facility. NAWCWD work spaces will be provided for the remainder of the contractor's technical workforce. Government provided work spaces will include desk units, phones and the computing equipment necessary for performance.

2 APPLICABLE DOCUMENTS.

2.0.1 Standard requirement documents (Government and Industry Specifications and Standards), reference texts, specific design requirements, and other references will be defined by individual task orders (T.O.s). All documents, except Information Assurance (IA) documents, cited in this PWS are for background information only. All IA will be in compliance with the following:

CJCSI 6211.02B, Defense Information System Network (DISN): Policy Responsibilities and Processes, 31 July 2003
CJCSI 6212.01C, Interoperability and Supportability of Information Technology and National Security Systems, 20 November 2003
CJCSI 6215.01B, Policy for Department of Defense Voice Networks, 23 September 2001
CJCSI 6250.01A, Satellite Communications, 28 May 2004
Chairman Joint Chiefs of Staff Manual (CJCSM) 6510.01, Information Assurance (IA) and Computer Network Defense (CND), 25 March 2003
CJCSI 6510.01D, IA and CND, 15 June 2004

CNO N614/HQMC C4, Navy-Marine Corps Unclassified Trusted Network Protection (UTN-Protect) Policy, Version 1.0, 31 October 2002

DoN CIO Guidance on Information Management/IT Inherently Governmental Functions, November 2001
DON IA Publication Series

DoDD 3020.26, Continuity of Operations (COOP) Policy and Planning, 26 May 1995
DoDI 4630.8, Procedures for Interoperability and Supportability of IT and NSS, 30 June 2004
DoDD 4630.5, Interoperability and Supportability of IT and NSS, 5 May 2004
DoDD 5000.1, The Defense Acquisition System, 12 May 2003
DoDI 5000.2, Operation of the Defense Acquisition System, 12 May 2003
DoD 5200.2-R, DoD Personnel Security Program, January 1987

DoDD 8100.1, Global Information Grid (GIG) Overarching Policy, 19 September 2002
DoDI 8100.2, Use of Commercial Wireless Devices, Services, and Technologies in the DoD Global Information Grid (GIG), 14 April 2004
DoDI 8100.3, DoD Voice Networks, 16 January 2004
DoDD 8190.3, Smart Card Technology, 31 August 2002
DoDD 8320.2, Data Sharing in a Net-Centric DoD, 2 December 2004
DoDD 8500.1, Information Assurance, 24 October 2002
DoDI 8500.2, Information Assurance Implementation, 6 February 2003
DoD 8510.1-M, DITSCAP Application Manual, 31 July 2000
DoDI 8520.2, Public Key Infrastructure (PKI) and Public Key (PK) Enabling, 1 April 2004
DoDI 8551.1, Ports, Protocols, and Services Management (PPSM), 13 August 2004
DoDD 8570.1, IA Training, Certification, and Workforce Management, 15 August 2004
DoD 8570.01-M Information Assurance Workforce Improvement Program December 19, 2005.
DoDI 8580.1, Information Assurance (IA) in the Defense Acquisition, 9 July 2004
DoDD C-5200.5, Communications Security (COMSEC), 21 April 2000

DoDI 8510.bb Interim DoD Information Assurance Certification and Accreditation Process (DIACAP), 06 July 2006

Executive Order 12958, as amended, Classified National Security Information, 17 April 1995
Executive Order 12333, United States Intelligence Activities, 4 December 1981

Federal Information Security Management Act of 2002, Title III of E-Government Act of 2002 (PL 107-347)
Computer Security Act of 1987 (PL 100-235)

Homeland Security Presidential Directive (HSPD-7), Critical Infrastructure Identification, Prioritization, and Protection, 17 December 2003

NAVSO 5239.1--Introduction to Information Systems Security
NAVSO 5239.2--Terms, Abbreviations, and Acronyms

NSTISSP No.11, National Policy Governing the Acquisition of IA and IA-Enabled IT Products, January 2000

OMB Circular A-130, Management of Federal Information Resources, 28 November 2000
OPNAVINST 5239.1B, Navy IA Program, 9 November 1999

SECNAVINST M-5239.11, DON Information Assurance Program; Information Assurance Manual, November 2005
SECNAVINST 5239.3A, DON Information Assurance Policy, 20 December 2004
SECNAVINST 5211.5D, DON Privacy Act Program, 17 July 1992
SECNAVINST 5720.47, DON Policy for Content of Publicly Accessible WW Sites, 24 October 2003
SECNAVINST 5510.30A, CH-1, DON Personnel Security Program Regulation, 19 June 2000
SECNAVINST 5510.36, DON Information Security Program Regulation, 17 March 99

2.0.2 The Government will provide all necessary reference documents not generally available to the Contractor when required in individual T.O.s. Throughout the life of the contract, if any instruction or document is replaced or superseded, the replacement or superseding instruction or document shall be applicable to these requirements only as defined by individual task orders.

2.1 Specifications and Standards.

2.1.1 National and international standards are fundamental to the acceptable performance of this requirement. American National Standards Institute (ANSI) and International Standards Organization (ISO) standards will be invoked under individual task orders. All commercially available hardware and software to be acquired by the Contractor in response to a Government requirement shall comply with the appropriate standards specified in the task order. Additional standards and specifications with a variety of origins, and DoD standards will be utilized to the extent necessary to promote maximum utility, flexibility and economy within the NAWCWD.

2.2 Software Development Standards.

2.2.1 Development, enhancement and implementation of present and future IT systems, whether RDT&E or business related, shall be in accordance with established software development standards, policies and procedures as specified in individual task orders.

2.3 Web Sites, Web Enablement & Application Development.

2.3.1 All task order Performance Work Statements with tasks referencing Web sites shall reflect current compliance with DoD, DON and NAVAIR Web site/server policies, including NAVINST 5238.1, integrating with MyNAVAIR (NAVAIR Corporate Portal) whenever possible:

“Current referenced applications will be modernized and all 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.”

2.4 Software Development/Server Procurement.

2.4.1 For task order Performance Work Statements that include software development and/or server procurement:

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.

3 REQUIREMENTS.

3.0.1 The Contractor shall provide the following types of services as further defined in individual T.O.s. The following sections are interrelated and are not exclusive or exhaustive groupings of possible tasks. Subsections are provided to help categorize and aid in the understanding of the scope of the services to be provided under this contract.

3.1 Studies, Analyses and Assessments.

3.1.1 The Contractor shall provide support services in various scientific and engineering fields to research, assess, analyze, design, develop, test, benchmark, and evaluate the application of IT resources to meet NAWCWD mission requirements. Benchmarking shall include hardware, software, systems and components to determine their applicability, economy, effectiveness, and performance in supporting the NAWCWD mission. Areas supported include weapon system analysis, engineering and integration; system software design, development, verification and validation; in-service engineering for weapons database management systems; IT architectures; communication systems; and IT systems/security.

3.1.2 The Contractor shall devise new and/or enhanced mathematical and/or statistical solutions to physical, engineering or business problems. Engineering problems may include analysis/simulation/modification of current embedded computer resources in aircraft avionics and missile weapon systems. Physical problems may include simulations and projections of aircraft and missile engagement profiles. End products may include IT resource system requirements, life cycle management documentation, functional descriptions, specifications, technical reports, test plans, benchmark tests, engineering studies and suitable applications programs.

3.1.3 The Contractor shall utilize on-demand high performance computing (HPC) to meet mission objectives and serve NAWCWD science-and-technology and test-and-evaluation communities in support of NAVAIR and its mission in serving the Fleet. HPC-based efforts may support areas such as modeling of radio-frequency systems and antenna designs, computational fluid dynamics, ocean modeling, weather prediction, radar-cross-section prediction and signal and image processing. HPC support may include the application of conventional "super computers", "real time" computers and scalable parallel processors to the NAWCWD mission.

3.1.4 The Contractor shall perform feasibility and design studies, analyses and development/implementation of communications systems and networks for large as well as small scale IT systems for use by NAWCWD and other Government and Contractor entities which require (in pursuit of NAWCWD mission objectives) such support.

3.1.5 The Contractor shall perform studies, analyses and implementation support services for data/system security procedures in support of information assurance (IA) requirements. This effort includes but is not limited to embedded weapon systems, weapon system support, scientific and engineering IT systems.

3.1.6 The Contractor shall perform artificial intelligence studies, analyses and implementation in the areas of representation and reasoning including generative and reactive planning/control, fuzzy logic/control, reasoning, argumentation, and deduction. Other possible areas of support are related to perception disciplines such as 3D modeling and interpretation, information source integration, image/scene analysis, object and feature detection/recognition/analysis, and virtual reality.

3.2 Project Planning, Technical Reviews, and Documentation for IT Systems.

3.2.1 The Contractor shall perform, participate in, and support technical reviews to demonstrate and document NAWCWD IT systems and IT project compliance with DoD, Department of the Navy (DoN), and joint service or other Government project requirements, reviews, and development schedules.

3.2.2 The Contractor shall provide IT project planning and management activities including feasibility, cost/benefit, alternatives, and economic analyses and planning services as well as services related to the entire set of standard project management functions and full life-cycle management of all projects assigned.

3.2.3 The Contractor shall develop various documents at the task order level that shall include but are not limited to the following:

3.2.3.1 Configuration Management Plan

3.2.3.2 Database Administration Plan

3.2.3.3 Data Communications Plan

3.2.3.4 Economic Analysis, Modeling and Trade-off analyses

3.2.3.5 Functional Descriptions

3.2.3.6 General Functional Requirements

3.2.3.7 Interface Design Documents

3.2.3.8 Plan of Actions and Milestones

3.2.3.9 Logistics Plans

3.2.3.10 Maintenance and Operations Plans

3.2.3.11 Project Management Plans

3.2.3.12 Repair and Maintenance Plans

3.2.3.13 Requirements Documents

3.2.3.14 Security Plans

3.2.3.15 Software Design Documents

3.2.3.16 Software Development Plans

3.2.3.17 System or Subsystem Specifications

3.2.3.18 Standardization and Interoperability Plans

3.2.3.19 Quality Assurance Plans

3.2.3.20 Test and Evaluation Plans

3.2.3.21 Test Procedures, Results and Reports

3.2.3.22 Training Plans

3.2.3.23 Training Materials

3.2.3.24 Transition Strategy Plans

3.2.3.25 User Manuals

3.2.3.26 Verification and Validation Plans

3.3 Software Development.

3.3.1 The Contractor, in response to software requests, shall first review existing commercial off-the-shelf software (COTS) and government off-the-shelf software (GOTS) for its applicability to the NAWCWD mission and the planning for and integration of selected software into the NAWCWD software suite prior to promoting a development program. All software efforts shall comply with the DoD and DoN application and portfolio management initiatives. In support of software systems development, the Contractor shall perform:

3.3.1.1 Strategic, generalized and project specific planning.

3.3.1.2 Requirements definition, technology assessment, feasibility studies, and analysis of alternatives.

3.3.1.3 Systems modeling, systems integration, interface planning and transition analysis.

3.3.1.4 Design, enhancement, modification, prototyping, coding, testing, evaluation, implementation and training for IT applications.

3.3.1.5 Development, implementation, modification and update of operating systems and communications software systems.

3.3.1.6 Development of new, prototype, one-of-a-kind and novel data gathering and data reduction devices.

3.3.1.7 Application of computer aided engineering disciplines such as, but not limited to, computer aided design, computer aided manufacturing and computer integrated manufacturing, and computer aided software engineering (CASE) disciplines such as, but not limited to, diagram editing systems, design analysis and checking facilities, query language facilities, data dictionary facilities, report generation facilities, forms generation tools and import/export facilities. These disciplines shall be applied, where applicable, to NAWCWD scientific and engineering IT support requirements.

3.3.1.8 Support of the independent verification and validation process.

3.3.2 The Contractor shall perform analysis, design, coding, integration, testing, and deployment of specified software which shall include providing training to Government personnel. The Contractor shall also perform these efforts with both COTS and GOTS software.

3.3.3 The Contractor shall participate in assessments, process definition, preparation and implementation of plans of action for improvement, and reassessments of software projects.

3.3.4 The Contractor shall develop embedded software for weapons systems, aircraft systems, and simulations. The Contractor shall also provide software development support for war gaming simulations and exercises.

3.3.5 The Contractor shall provide software development support for process monitor control systems and environmental monitoring systems.

3.3.6 The Contractor shall provide software development support for activities related to the prototyping, development, coding, testing, integration, and maintenance of software for weapon system tactical support systems.

3.4. Information Technology Services.

3.4.1 The Contractor shall provide information and communications systems development and operations services for the NAWCWD RDT&E mission and supporting business functions. These services include communications system development and operations, computer system and software installation and operations, system/software administration, system and component maintenance, user support, training, security, and computer facilities management.

3.4.2 The Contractor shall provide support services for voice, video, and data communications systems. Management of these network and communication services encompass intranets, internets, electronic commerce, telephony and other associated networking/communication systems including the support necessary to develop, implement and maintain such systems. The Contractor shall provide and implement fail-safe security including the incorporation of network and system security systems and practices. The Contractor shall be responsible for the design, integration, installation, and operations of computer/communications components and associated functions.

3.4.3 The Contractor shall provide hardware and software systems planning and engineering in support of systems transition, reliability, maintainability, human factors, personnel requirements, standardization, cost effectiveness and quality assurance as well as engineering services including function analysis, synthesis of concepts, evaluation, development of decision matrices, and development/description of system elements.

3.4.4 The Contractor shall provide hardware and software services for NAWCWD computing and communications systems and their various components and associated systems.

3.4.4.1 Hardware services include system development, configuration, installation, calibration, modification, repair, upgrade and modernization, evaluation of performance, cleaning and adjusting to meet manufacturers' original equipment specification tolerances or those established through subsequent modifications.

3.4.4.2 Software services include evaluating and optimizing system software; analyzing new software releases to determine impact on existing applications; maintaining, testing, and debugging system software; installing releases; developing various utilities; providing assistance to users of systems software; and performance of configuration management.

3.4.5 The Contractor shall provide support for scientific and engineering systems and initiatives as well as analyses of IT operations and maintenance issues. The Contractor shall be required to set up, operate and optimize data collection and validation systems composed of unique and/or special purpose, one-of-a-kind IT resource systems and components in a variety of locations, climates and environments.

3.4.6 The Contractor shall provide support services for system troubleshooting with restoration of system software to operational condition, system performance monitoring and tuning, system backup and recovery, and the setup of distributed computing systems/environments. The Contractor shall ensure reliable system operation through baseline backups plus incremental backups to digital media, plus rapid, responsive recovery in the event of hardware failure.

3.4.7 The Contractor shall provide support services for the NAWCWD RDT&E workstation and server environment including management and support of linked or networked resources; monitoring, tracking, and ordering; and installation, modification, troubleshooting and upgrading.

3.4.8 The Contractor shall also provide centralized user support including a single point of contact for problem reporting and resolution regarding workstation hardware, software, equipment, management and performance analysis; dispatch of repair or assistance personnel, technical advice, assistance, and training to users. These services may be provided as part of a NAWCWD corporate function or to specific organizational components of NAWCWD.

3.4.9 The Contractor shall provide user and operator support, maintenance and integration services, including both call-in and on-line support, and troubleshooting of the various automated scientific and engineering systems. Contractor shall provide components utilized in the research, development, test, evaluation and training requirements of the NAWCWD; provide development, improvement, modernization, and operations of support centers/help desks; and provide maintenance for automated systems only if such systems are not covered by a separate maintenance agreement(s) with the original equipment manufacturer or third party maintenance organization.

3.4.10 The Contractor shall provide support services for the training of Government personnel on the use of IT systems and application software. Training, if any, shall be for Contractor produced products, Government products, other third party software or combinations thereof.

3.4.11 The Contractor shall perform IT security functions in the areas of computer security, network security, and information security per requirements defined at the task order level. The Contractor shall provide support services for the accreditation of computer/communications hardware, software, and systems.

3.4.12 The Contractor shall provide services in support of the development and continuation of customer relationship management (CRM) strategies including system selection, development, implementation, and operations.

3.4.13 The Contractor shall support the recently adopted NAVAIR thrust to integrate business systems and processes using enterprise resource planning (ERP) concepts and practices in support of NAVAIR/NAWCWD business software such as financial, budgets, procurement, personnel, supply and materials, and other legacy systems in an automated and integrated environment. This requirement will be effective once ERP is implemented by the Government. The Contractor shall provide support services for configuration and integration of hardware and software including interconnectivity of IT equipment in support of collaborative computing systems. The Contractor shall provide intercommunication for interfacing organizations, interface analysis, computer resource installation, and software and hardware connectivity. NAWCWD will share common data and practices across the enterprise and enable systems to produce and access information in real-time mode.

3.5 Data and Information Handling, Data Management, and Administration.

3.5.1 The Contractor shall provide data and information handling support services using an array of data formats, media and input methodologies that includes, but is not limited to: voice, data, film, video, image, printed materials, and combinations thereof. These support services include but are not limited to: word processing, data acquisition, data processing, data entry (including keypunching), data management, data reduction and analysis, media conversion, microfilming, microfiling, image scanning and multimedia technologies. The Contractor shall also provide technical library support that includes, but is not limited to: library management, library systems operations, resource management, research, acquisition, and distribution. The Contractor shall be required to use both manual and automated systems to accomplish these described types of tasks.

3.5.2 The Contractor shall define, analyze, rationalize and develop alternatives for data and information handling; perform econometric analyses and present alternatives for the development of database initiatives. Based on a Government-selected and authorized database initiative, the Contractor shall be required to provide support in any or all of the following database areas: design, development, programming, installation, operation, modification, update, documentation, and maintenance. Operation of databases may include incorporation of authorized changes into existing data files, creation of backup and archive copies of new or updated data files, creation of new data files from digital draft, handwritten, typed or other media input, and conversion of data files from one format to another.

3.5.3 The Contractor shall design, develop, maintain, update, modify, track, and evaluate IT hardware, software and systems documentation. Examples of such documentation include, but are not limited to, specifications, conceptual documents, design documents, operations and maintenance manuals, processes and procedures, drawings, test documentation, and other types of data developed or acquired by the Government.

3.5.4 The Contractor shall perform documentation reviews to verify accuracy, clarity, consistency, completeness, and conformance to applicable standards. The Contractor shall also provide publishing functions (e.g., text, tables, equations, graphics and various file conversions). The elements of the review may include proofreading, legibility, grammar, spelling, punctuation, dimensioning and tolerancing, and others as specified as necessary to meet project/program/mission goals.

3.5.5 The Contractor shall operate computer-aided design (CAD), computer aided manufacturing (CAM), computer integrated manufacturing (CIM), and computer aided engineering (CAE) (including computer aided software engineering) systems.

3.5.6 The Contractor shall provide support for the various on-going management process improvement efforts of the NAWCWD. Efforts may include charting, development, description and analysis of process measures (metrics), interpretations and recommendations, and information presentation and distribution.

3.5.7 The Contractor shall provide data management and administration services including project and program specific data repositories and data dictionaries, as well as other data management services for project and program specific applications.

3.6 Configuration/Data Management for IT Systems.

3.6.1 The Contractor shall provide configuration/data management services for NAWCWD IT systems. Responsibilities will include the definition, accounting, documenting, controlling, storing, and reporting of data and information concerning hardware, software, systems, components and processes over their life cycle. The specific documentation, procedures, format and content shall be controlled by selective application and tailoring of necessary standards. Some examples of documentation that shall be required by the Government during the term of the contract include:

3.6.1.1 Studies and analysis related to automated tools and modeling systems.

3.6.1.2 Scientific and Technical reports including analysis, trade-off studies, alternatives and status summaries.

3.6.1.3 Modeling and simulation data spanning the spectrum from real time to off-line.

3.6.1.4 Computer aided engineering data spanning the spectrum from computer aided drafting/design to computer integrated manufacturing.

3.6.1.5 Design specifications for hardware, software and systems ranging from one-of-a-kind data-gathering systems to interface specifications for embedded systems.

3.6.1.6 "As Built" data and documentation for hardware, software and systems.

3.6.1.7 Maintenance manuals and associated maintenance processes and procedures.

3.6.1.8 Database interface and interconnection requirements.

3.6.1.9 Quality control and quality assurance processes, procedures and application strategy data.

3.6.1.10 Econometric studies and analysis of various automated scientific, engineering and training systems and subsystems and their inter-relationships.

3.6.1.11 Reliability, maintainability and availability data, including statistical data.

3.6.1.12 Graphical data and interactive graphic data.

3.6.1.13 System and equipment installation/de-installation data.

3.7 Quality Assurance/Quality Control of IT Systems.

3.7.1 The Contractor shall provide services in areas related to reliability, maintainability, quality engineering, quality assurance and parts control.

3.7.2 The Contractor shall be required to review and analyze processes, plans and procedures. Services may also include the preparation and updating of quality plans and procedures, criticality analysis, procedural audits, analysis and tracking of requirements, inspection of product design and implementation, examining records of walk-throughs and inspections, supporting the preparations for project reviews certifying test procedures, facilities and tools, and witnessing tests.

3.8 Corporate Business Services.

3.8.1 The Contractor shall provide services in various areas of corporate business support that include, but are not limited to:

3.8.1.2 Financial and business support including financial and accounting support, property/inventory services, procurement/supply support, and resource planning services.

3.8.1.3 Administrative support services to provide data and information handling services using an array of data formats.

3.9 Test Support Services.

3.9.1 The Contractor shall provide test support services, telemetry support services and other data capture and data retrieval support services related to the RDT&E mission of the NAWCWD.

3.9.2 The Contractor shall provide computational analysis of derived data (e.g., force coefficients, transfer coefficients and drag). The Contractor shall also perform theoretical computations to predict or model flight-test characteristics.

3.9.3 The Contractor shall provide modeling and simulation services including the various derivations and permutations thereof including scientific visualization, artificial/synthetic environments, virtual reality, real time simulation, hybrid simulation, distributed interactive simulation (constructive and virtual with linkages to live), and 3-D/solid modeling. Modeling and simulation shall include prototyping to define the feasibility for entering into acquisitions to support Fleet needs for which there is no system or for which existing systems do not provide the needed capabilities as well as verification and validation of various simulations and the accreditation of support services.

3.9.4 The Contractor shall provide data editing and examination of field records that includes, but is not limited to, photographic film, videotape, and associated data recording methodologies support services.

3.10 Management of Sensitive and Secure Data and Systems.

3.10.1 A primary concern of the Government is the capability of the contractor to ensure confidentiality of the information resident in the various scientific, engineering and training systems while providing support services. Therefore, the Contractor shall provide both, an adequate data systems design and stringent operating practices and procedures.

3.10.2 Depending on the particular system involved, information used on or with that system may be classified up to the level of 'Top Secret', or in any of several "Unclassified Sensitive" categories. Examples of "Unclassified Sensitive" categories include but are not limited to: 'For Official Use Only,' 'Privacy Act,' 'Procurement Sensitive', and 'Export Controlled'. Systems operating above the level of 'Secret' require special review and handling and will not be utilized without review of the task order by the NAWCWD Security Office.

3.10.3 The duplication and disclosure of classified or sensitive information to any person other than a Government or contractor employee who must have the information for the performance of obligations, as set forth by the requirements of this contract, is forbidden unless such duplication or disclosure is specifically authorized in writing by the Contracting Officer (see the Contract level or T.O. level if applicable, DD254 (Attachment 1) for a detailed description of security requirements).

3.10.4 Contractor personnel assigned to manage, handle, maintain, or otherwise have access to classified or sensitive information or systems shall possess the appropriate security classification and have had appropriate, current training prior to being afforded access to classified or sensitive information or systems. The Contractor shall also provide periodic (not less than once per year) general employee indoctrination and awareness training concerning the classified and sensitive nature of the various information processing systems and the Contractor's responsibilities for safeguard of these systems. Such presentations shall be submitted to the Contracting Officer for Security Matters for approval prior to their presentation to contractor employees.

3.10.5 The Contractor shall implement security policies and procedures in several aspects, including but not limited to:

3.10.5.1 Operating System Security: including the control of access to IT systems data functions, hardware, and software resources by users and user processes.

3.10.5.2 Human/Computer Interface Security: including the definition and execution of types of user access to objects or data within the purview of human/computer interface systems. This includes but is not limited to limiting personnel access to windows, menus, or functions that provide human/computer interface, and the security labeling of information on displays.

3.10.5.3 Programming Security Services: including the control of access to and the integrity of programming objects such as libraries, program code, tools or information that provides the infrastructure for development of software.

3.10.5.4 Data Management Security: including control of, access to, and integrity of data stored in a system through the use of specific mechanisms such as privileges, database views, assertions, user profiles, verification of data content, and data labels.

3.10.5.5 Data Interchange Security: including verification and validation of the integrity of specific types of data interchange, such as nonrepudiation, encryption, access, data security labeling, etc.

3.10.5.6 Graphics Security: including protection of the integrity of and access to data graphic images such as charts, graphs, pictorials, animations, etc.

3.10.5.7 Network Security: including access, authentication, confidentiality, integrity and nonrepudiation controls, and management of communications between senders and receivers of information on a network as well as cooperation with other contractors and Government personnel assigned primary responsibility for NAWCWD networking system security.

3.11 Contract Data Requirements Listings (CDRL).

3.11.1 The specific content, periodicity, delivery and format (if applicable) requirements of each report described below are defined in Exhibit A.

3.11.1.1 Monthly Progress Report, **CDRL A001**. The contractor shall provide Monthly Progress Reports for each Task Order, outlining work accomplished, problems encountered, problems solved, travel/trip report(s), items delivered, training completed, current schedule. T.O. requirements may specify additional reporting items. The contractor shall submit a proposed format to the Government no later than 15 days after the effective date of the contract. The format is subject to Government approval. (Not required for Firm Fixed Price CLINS)

3.11.1.2 Task Order Expense Report, **CDRL A002**, for each Cost Plus Award Fee Task Order. The contractor shall prepare and submit a bi-weekly (twice a month) Task Order Expense Status Report reflecting task order status relative to expense of dollars and labor hours. The report shall reflect the contractor's "best estimates" of actual dollars and labor hours expended through the end of the previous week, and projections of weekly "burn rate," "stop work" date, and variances from expected expense plan. The cost information shall include a trend analysis graph for both hours and dollars to assist the Government in determining the status of each Task Order. The contractor shall submit a proposed format to the Government no later than 7 days after the effective date of the contract. The format is subject to Government approval. (Not required for Firm Fixed Price CLINS)

3.11.1.3 Estimate to Complete/Estimate at Completion (ETC/EAC) Report, **CDRL A003**. This report shall represent the contractor's best estimate of total expenses (labor hours and dollars costs) at the T.O. period end date. The contractor shall develop and deliver this product for each T.O. for the phase ending dates listed in the CDRL. (Not required for Firm Fixed Price CLINS)

3.11.1.4 The Contractor Award Fee Performance Self-Evaluation Report, **CDRL A004 for each evaluation period**. (Not required for Firm Fixed Price CLINS)

3.11.1.5 Funds/LOE 75% status spreadsheet, **CDRL A005**. The contractor shall provide this bi-weekly (twice a month) spreadsheet in accordance with the details in the CDRL. (Not required for Firm Fixed Price CLINS)

3.11.1.6 The Contract Cost Summary Report, **CDRL A006**. The contractor shall prepare and submit concurrently with each voucher/invoice submitted. (Not required for Firm Fixed Price CLINS)

3.11.1.7 Contract Data Product Summary, **CDRL A007**. The contractor shall deliver a CD archiving all contract level data products submitted from contract inception through date of submittal of this data product. Submission is required 15 days after the end of each Government fiscal year, and 15 days after the end of the contract period of performance. The contractor shall submit the proposed format no later than 45 days after the effective date of the contract. The format is subject to Government approval.

3.11.1.8 Employee Qualification Statement, **CDRL A008**. The contractor shall provide a CD of qualification packages, based on Employee Qualification (Attachment 1) for all direct personnel employed under the STARS contract within 30 calendar days of contract start date.

3.11.1.9 The Award Fee Period Hours Report, **CDRL A009** summarizing all hours worked during each evaluation period. (Not required for Firm Fixed Price CLINS)

3.11.1.10 The Burdened and Unburdened Labor Rate Report, **CDRL A00A**. (Not required for Firm Fixed Price CLINS)

3.11.1.11 The Indirect Expense Report, **CDRL A00B**. (Not required for Firm Fixed Price CLINS)

3.11.1.12 The Relocation Report, **CDRL A00C**.

3.11.1.13 The Personnel Report, **CDRL A00D**.

3.11.1.14 The Phase-Out Plan, **CDRL A00E**. The contractor shall prepare and submit a Phase-Out Plan. The Phase-Out Plan shall describe the transition between the incumbent contractor and the follow-on contractor. The Phase-Out Plan is deliverable only if requested by the Contracting Officer. The Phase-Out Plan (draft and final) shall be delivered to the Contracting Officer and COR as an electric file attachment to a transmitting E-mail.

3.11.1.15 The Operations Security (OPSEC) Plan, **CDRL A00F**. The contractor shall prepare and submit the draft OPSEC plan 90 days after award. The final plan is due 45 days after government approval of the draft.

3.11.1.16 Status Report. The contractor shall prepare and submit an Information Technology Personnel Security Report for the Contracting Officer Representative (COR) and an Information Technology Personnel Security Report

for NAVAIR Security within (30) days after addition of this CDRL or contract start date. Subsequent reports are due (365) days after first report. Updated report is required within 30 days of gain or loss of employee(s) that have or will access Government IT systems. (CDRLs A00G & A00H)

3.11.1.17 Invoice Summary Report, **CDRL A00J**. The contractor shall prepare and submit concurrently with each voucher/invoice submitted.

3.11.1.18 The Contractor shall provide other CDRLs (e.g., technical reports) as required and defined by individual T.O.s.

3.12 GOGO/COGO Vehicles.

The contractor shall provide all vehicles required for the performance of this contract unless shared access is authorized. Contractor personnel may use Government Owned Government Operated (GOGO) and Contractor Owned Government Operated (COGO) vehicles under the following conditions:

5252.228-9501 LIABILITY INSURANCE is included in this contract and applies to the use of GOGO/COGO vehicles

The contractor shall meet all training and licensing requirements to operate the COGO and GOGO vehicles and equipment.

The contractor need for COGO and GOGO vehicles and equipment must be generally less than full time and shall not interfere with government use of those vehicles and equipment. If the contractor needs full time access to vehicles and equipment then the contractor should provide their own vehicles and equipment.

Use of GOGO/COGO is for contractors that work on a government site. Contractors that work primarily off site should provide their own vehicles and equipment.

Information: NAWC WD Transportation can only issue vehicles and equipment to government employees. The government code remains responsible for the vehicles and equipment. The government code will only provide vehicle and equipment access to the contractor on a "as available" basis.

4.0 SPECIAL CONSIDERATIONS.

4.1 Vehicles. Clause 5252.245-9500 in the contract applies.

4.2 Security. The attached DD Form 254 identifies the anticipated security access and performance requirements for a majority of the task orders that will be issued under this contract. T.O. specific DD254's will be issued when security requirements differ in anyway from the basic contract DD254.

4.3 Recall: In the event of an emergency at NAWCWD, a critical essential Government point of contact may recall contractors who have already been identified as "critical/essential" and are providing IT/IM Corporate Operations support under this contract.

Critical Essential definitions and personnel are identified in accordance with NAWC Instruction 5560 dated 25 Oct 07.

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			R	1	2
2. AMENDMENT/MODIFICATION NO. P00007	3. EFFECTIVE DATE 01-May-2009	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)	
6. ISSUED BY CDR NAWCWD CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
			X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
X D. OTHER (Specify type of modification and authority) Unilateral: 5252.232-9506 Determination and Payment of Award Fee					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards091799 The purpose of this modification is to authorize the contractor to invoice for Award Fee earned during period 1.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) LEA ANN DAVIS / PROCURING CONTRACTING OFFICER TEL: (760) 939-8197 EMAIL: leaann.davis@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Lea Ann Davis</i> (Signature of Contracting Officer)		16C. DATE SIGNED 01-May-2009	

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

In accordance with contract clause 5252.232-9506 entitled Determination and Payment of Award Fee, this modification authorizes the contractor to invoice each task order for the award fee earned during Award Fee Period 1 (01 August 2008 – 31 January 2009). Award fee hours and dollars earned during Period 1 are depicted in the table below:

TO #	Hours	Total AF Earned	Max AF
0001	(b)(4)	(b)(4)	(b)(4)
0003	(b)(4)	(b)(4)	(b)(4)
0004	(b)(4)	(b)(4)	(b)(4)
0005	(b)(4)	(b)(4)	(b)(4)
0006	(b)(4)	(b)(4)	(b)(4)
0007	(b)(4)	(b)(4)	(b)(4)
0008	(b)(4)	(b)(4)	(b)(4)
0009	(b)(4)	(b)(4)	(b)(4)
0010	(b)(4)	(b)(4)	(b)(4)
0011	(b)(4)	(b)(4)	(b)(4)
0013	(b)(4)	(b)(4)	(b)(4)
0014	(b)(4)	(b)(4)	(b)(4)
0015	(b)(4)	(b)(4)	(b)(4)
0017	(b)(4)	(b)(4)	(b)(4)
0018	(b)(4)	(b)(4)	(b)(4)
0019	(b)(4)	(b)(4)	(b)(4)
0020	(b)(4)	(b)(4)	(b)(4)
0022	(b)(4)	(b)(4)	(b)(4)
0023	(b)(4)	(b)(4)	(b)(4)
0024	(b)(4)	(b)(4)	(b)(4)
0025	(b)(4)	(b)(4)	(b)(4)
0026	(b)(4)	(b)(4)	(b)(4)
0027	(b)(4)	(b)(4)	(b)(4)
0028	(b)(4)	(b)(4)	(b)(4)
0029	(b)(4)	(b)(4)	(b)(4)
	(b)(4)	(b)(4)	(b)(4)

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 20
2. AMENDMENT/MODIFICATION NO. P00008	3. EFFECTIVE DATE 19-Aug-2009	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)
6. ISSUED BY CDR NAWCVM CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual agreement of the parties				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards092442 The purpose of this modification is to update clause 5252.204-9505 and 5252.232-9513, delete CDRL's A00G and A00H, revise the PWS and POC's on this contract.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) DEBORAH M. MCKELLAR / PROCURING CONTRACTING OFFICER TEL: (760) 939-9661 EMAIL: deborah.mckellar@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Deborah McKellar</u> (Signature of Contracting Officer)	16C. DATE SIGNED 19-Aug-2009	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION A - SOLICITATION/CONTRACT FORM

The following have been modified:

FOR YOUR INFORMATION:

CONTRACT SPECIALIST

The following addresses and points of contact are provided:

Name: Susan Rizzardini

Phone: (760) 939-3258

DSN: 437-3258

FAX: (760) 939-5694

Email address: susan.rizzardini@navy.mil

U.S. Postal Service Mailing Address:

COMMANDER

CODE 231000D (S. Rizzardini – 760-939-3258)

NAVAIRWARCENWPNDIV

429 E. BOWEN RD. MAIL STOP 4015

CHINA LAKE, CA 93555-6108

Direct Delivery Address (UPS, FedEx, etc):

COMMANDER

CODE 231000D (S. Rizzardini)

NAVAIRWARCENWPNDIV

BLDG 982, MAIL STOP 4015

CHINA LAKE, CA 93555-6108

CONTRACTING OFFICER:

The following addresses and points of contact are provided:

Name: Deborah Winfield

Phone: (760) 939-9661

DSN: 437-9661

FAX: (760) 939-5694

Email address: deborah.winfield@navy.mil

U.S. Postal Service Mailing Address:

COMMANDER

CODE 231000D (D. Winfield – 760-939-9661)

NAVAIRWARCENWPNDIV

429 E. BOWEN RD. MAIL STOP 4015

CHINA LAKE, CA 93555-6108

Direct Delivery Address (UPS, FedEx, etc):

COMMANDER

CODE 231000D (D. Winfield)

NAVAIRWARCENWPNDIV

BLDG 982, MAIL STOP 4015

CHINA LAKE, CA 93555-6108

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been added by full text:

**Performance Work Statement (PWS) for the Scientific,
Technical, Administrative, and Research, Development, Test, & Evaluation Services (STARS)
Revised 16 July 2009**

1 SCOPE.

1.0.1 The scope of this contract effort encompasses the services and materials necessary to support the analysis, design, development, test, integration, deployment, and operations of information technology (IT) systems and services. These services sustain the research, development, test and evaluation (RDT&E), and business/administrative functions in support of the Naval Air Warfare Center Weapons Division (NAWCWD).

1.0.2 This Scientific, Technical, Administrative, and Research, Development, Test, & Evaluation Services (STARS) contract will serve as one of the key support elements that allows NAWCWD to fulfill its mission. The NAWCWD environment today includes the spectrum of RDT&E infrastructure, systems, and functions necessary to carry out the "weaponeering" charter of the organization. NAWCWD currently provides weapons related efforts from basic scientific research to in-service engineering support.

1.0.3 To fulfill the requirements of this contract and to most effectively employ the spectrum of service contracts available for the support of NAWCWD, the Government reserves the right to unilaterally determine the most appropriate contractual vehicle to be utilized so long as the requirement is within the scope of the contract and the use of the contract is not contrary to law or regulation. In those cases where there is overlapping coverage between two or more service contracts, the Government will make a unilateral determination as to which contract(s) should be used to best meet the Government's requirements. Some requirements may be an integral part of other efforts and it may be in the best interest of the Government to utilize this contract for those in-scope requirements. These determinations are not subject to the "Disputes" Clause of this contract. The only guarantee to the contractor is that the Government will place orders to meet the minimum specified herein.

1.0.4 Future requirements for the Seaport Contract and Base Realignment and Closure (BRAC) to this contract are unknown. If impacted, and once the extent of the impact to the contract is known, the contract (or resultant task orders) will be modified appropriately.

1.1 Background.

1.1.1 The NAWCWD, of the Naval Air Systems Command (NAVAIR), consists of the following sites: NAWCWD China Lake, NAWCWD Point Mugu; Naval Air Weapons Station (NAWS), China Lake; and attached activities such as Air Test and Evaluation Squadron Nine, and also any activity or location which directly supports the program mission of both NAWCWD and NAVAIR. Work shall also be performed at various locations throughout the United States.

1.1.2 The Mission of the Naval Air Warfare Center Weapons Division is to be the Navy's full-spectrum research, development, test and evaluation, and in-service engineering center for weapons systems associated with air warfare (except antisubmarine warfare systems), missiles and missile subsystems, aircraft weapons integration, and assigned airborne electronic warfare systems; and to maintain and operate the air, land, and sea Naval Western Test Range Complex. Detailed information on the complete set of NAWCWD products, services, and programs can be found at the following web-site: <http://www.nawcwg.navy.mil>.

1.2 RDT&E Information Technology (IT) Environment.

1.2.1 Communication Systems: The NAWCWD RDT&E Information Technology (IT) resources consist of a variety of infrastructures and systems located throughout the division. The communication systems range from special

purpose stand-alone data systems and laboratory networks to large infrastructures. These systems transmit voice, video, and data for a diverse set of research and testing requirements. Uses include modeling and simulation; weapons planning system development, training, and operations; software and hardware development and testing, and range telemetry data collection, transmission, and reduction.

1.2.2 **Computing Systems:** The NAWCWD RDT&E computing capabilities consist of a variety of scientific and engineering systems and technologies that range from obsolescent to experimental. These capabilities also include sophisticated prototypes or experimental systems and technologies including artificial neural networks, virtual reality/synthetic environments, decision support systems, target recognition systems, avionics/embedded IT resources, geographical information systems and a host of other leading edge techniques and technologies of interest to the NAWCWD.

1.3 Software Process Environment.

1.3.1 The application and management of software development methods, practices and documentation varies from platform to platform in the NAWCWD scientific and engineering environment just as it does in the business and administrative environments. The software process related to the business and administrative functions are centered on standard industry methods and practices. In contrast, the scientific, engineering, and program specific environments follow a more Government-oriented software-engineering-environment standard, which includes Department of Defense (DoD) regulations and other software process environments.

1.3.2 The NAWCWD maintains a software process environment (SPE) for the development of weapon/aircraft tactical and support system software in accordance with DoD-STD-2167A/MIL STD 498. The NAWCWD has instituted an active program for the NAWCWD Software Process Improvement Initiative to improve its software and system engineering design/development/test processes to a higher maturity level in accordance with the Capability Maturity Model (CMM) principles developed by the Software Engineering Institute (SEI).

1.4 Subcontracting Requirements For Small Business And Small Disadvantaged Business Concerns.

1.4.1 This requirement does not apply to small disadvantaged business concerns. If the prime contractor is a small business concern, then paragraph 1.4.1.1 below does not apply to this contract. However, if the contract is awarded to a small business or a small disadvantaged business concern, the awarded contract shall include FAR clause 52.219-14 "Limitations on Subcontracting." For other concerns, the contractor shall meet the following minimum goals for awards of subcontract(s) to and utilization of small business and small disadvantaged business concern(s):

1.4.1.1 At least twenty-five percent (25%) of the total Level of Effort delivered under the contract shall be performed by small business concern(s) as defined by FAR 19.001.

1.4.1.2 At least ten percent (10%) (40% of the portion set-aside for small businesses) of the total Level of Effort delivered under the contract shall be performed by small disadvantaged business concerns as defined by FAR 19.001.

1.4.1.3 To assure further development of small business concerns, the work distributed to small business and small disadvantaged business will be required to be distributed in the same proportionate manner and labor mix among all labor groups (Professional; Specialist/Technical; and Administrative Support) as shown in Section B.

1.5 Local Facilities.

1.5.1 The contractor shall establish a facility located within 15 minutes of the main gate of NAWCWD, China Lake. These facilities shall meet the security requirements as outlined in the attached DD Form 254.

1.5.2 The contractor shall provide workspaces within their local facility for the contractor's administrative staff and 1% of the contractor's technical staff. However, the contractor shall be prepared to provide workspaces for up to 5% of the contractor's technical staff within their local facility. NAWCWD work spaces will be provided for the

remainder of the contractor's technical workforce. Government provided work spaces will include desk units, phones and the computing equipment necessary for performance.

2 APPLICABLE DOCUMENTS.

2.0.1 Standard requirement documents (Government and Industry Specifications and Standards), reference texts, specific design requirements, and other references will be defined by individual task orders (T.O.s). All documents, except Information Assurance (IA) documents, cited in this PWS are for background information only. All IA will be in compliance with the following:

CJCSI 6211.02B, Defense Information System Network (DISN): Policy Responsibilities and Processes, 31 July 2003
CJCSI 6212.01C, Interoperability and Supportability of Information Technology and National Security Systems, 20 November 2003
CJCSI 6215.01B, Policy for Department of Defense Voice Networks, 23 September 2001
CJCSI 6250.01A, Satellite Communications, 28 May 2004
Chairman Joint Chiefs of Staff Manual (CJCSM) 6510.01, Information Assurance (IA) and Computer Network Defense (CND), 25 March 2003
CJCSI 6510.01D, IA and CND, 15 June 2004

CNO N614/HQMC C4, Navy-Marine Corps Unclassified Trusted Network Protection (UTN-Protect) Policy, Version 1.0, 31 October 2002

DoN CIO Guidance on Information Management/IT Inherently Governmental Functions, November 2001
DON IA Publication Series

DoDD 3020.26, Continuity of Operations (COOP) Policy and Planning, 26 May 1995
DoDI 4630.8, Procedures for Interoperability and Supportability of IT and NSS, 30 June 2004
DoDD 4630.5, Interoperability and Supportability of IT and NSS, 5 May 2004
DoDD 5000.1, The Defense Acquisition System, 12 May 2003
DoDI 5000.2, Operation of the Defense Acquisition System, 12 May 2003
DoD 5200.2-R, DoD Personnel Security Program, January 1987

DoDD 8100.1, Global Information Grid (GIG) Overarching Policy, 19 September 2002
DoDI 8100.2, Use of Commercial Wireless Devices, Services, and Technologies in the DoD Global Information Grid (GIG), 14 April 2004
DoDI 8100.3, DoD Voice Networks, 16 January 2004
DoDD 8190.3, Smart Card Technology, 31 August 2002
DoDD 8320.2, Data Sharing in a Net-Centric DoD, 2 December 2004
DoDD 8500.1, Information Assurance, 24 October 2002
DoDI 8500.2, Information Assurance Implementation, 6 February 2003
DoD 8510.1-M, DITSCAP Application Manual, 31 July 2000
DoDI 8520.2, Public Key Infrastructure (PKI) and Public Key (PK) Enabling, 1 April 2004
DoDI 8551.1, Ports, Protocols, and Services Management (PPSM), 13 August 2004
DoDD 8570.1, IA Training, Certification, and Workforce Management, 15 August 2004
DoD 8570.01-M Information Assurance Workforce Improvement Program December 19, 2005.
DoDI 8580.1, Information Assurance (IA) in the Defense Acquisition, 9 July 2004
DoDD C-5200.5, Communications Security (COMSEC), 21 April 2000

DoDI 8510.bb Interim DoD Information Assurance Certification and Accreditation Process (DIACAP), 06 July 2006

Executive Order 12958, as amended, Classified National Security Information, 17 April 1995
Executive Order 12333, United States Intelligence Activities, 4 December 1981

Federal Information Security Management Act of 2002, Title III of E-Government Act of 2002 (PL 107-347)
Computer Security Act of 1987 (PL 100-235)

Homeland Security Presidential Directive (HSPD-7), Critical Infrastructure Identification, Prioritization, and Protection, 17 December 2003

NAVSO 5239.1--Introduction to Information Systems Security
NAVSO 5239.2--Terms, Abbreviations, and Acronyms

NSTISSP No.11, National Policy Governing the Acquisition of IA and IA-Enabled IT Products, January 2000

OMB Circular A-130, Management of Federal Information Resources, 28 November 2000
OPNAVINST 5239.1B, Navy IA Program, 9 November 1999

SECNAVINST M-5239.11, DON Information Assurance Program; Information Assurance Manual, November 2005
SECNAVINST 5239.3A, DON Information Assurance Policy, 20 December 2004
SECNAVINST 5211.5D, DON Privacy Act Program, 17 July 1992
SECNAVINST 5720.47, DON Policy for Content of Publicly Accessible WW Sites, 24 October 2003
SECNAVINST 5510.30A, CH-1, DON Personnel Security Program Regulation, 19 June 2000
SECNAVINST 5510.36, DON Information Security Program Regulation, 17 March 99

2.0.2 The Government will provide all necessary reference documents not generally available to the Contractor when required in individual T.O.s. Throughout the life of the contract, if any instruction or document is replaced or superseded, the replacement or superseding instruction or document shall be applicable to these requirements only as defined by individual task orders.

2.1 Specifications and Standards.

2.1.1 National and international standards are fundamental to the acceptable performance of this requirement. American National Standards Institute (ANSI) and International Standards Organization (ISO) standards will be invoked under individual task orders. All commercially available hardware and software to be acquired by the Contractor in response to a Government requirement shall comply with the appropriate standards specified in the task order. Additional standards and specifications with a variety of origins, and DoD standards will be utilized to the extent necessary to promote maximum utility, flexibility and economy within the NAWCWD.

2.2 Software Development Standards.

2.2.1 Development, enhancement and implementation of present and future IT systems, whether RDT&E or business related, shall be in accordance with established software development standards, policies and procedures as specified in individual task orders.

2.3 Web Sites, Web Enablement & Application Development.

2.3.1 All task order Performance Work Statements with tasks referencing Web sites shall reflect current compliance with DoD, DON and NAVAIR Web site/server policies, including NAVINST 5238.1, integrating with MyNAVAIR (NAVAIR Corporate Portal) whenever possible:

“Current referenced applications will be modernized and all 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.”

2.4 Software Development/Server Procurement.

2.4.1 For task order Performance Work Statements that include software development and/or server procurement:

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.

3 REQUIREMENTS.

3.0.1 The Contractor shall provide the following types of services as further defined in individual T.O.s. The following sections are interrelated and are not exclusive or exhaustive groupings of possible tasks. Subsections are provided to help categorize and aid in the understanding of the scope of the services to be provided under this contract.

3.1 Studies, Analyses and Assessments.

3.1.1 The Contractor shall provide support services in various scientific and engineering fields to research, assess, analyze, design, develop, test, benchmark, and evaluate the application of IT resources to meet NAWCWD mission requirements. Benchmarking shall include hardware, software, systems and components to determine their applicability, economy, effectiveness, and performance in supporting the NAWCWD mission. Areas supported include weapon system analysis, engineering and integration; system software design, development, verification and validation; in-service engineering for weapons database management systems; IT architectures; communication systems; and IT systems/security.

3.1.2 The Contractor shall devise new and/or enhanced mathematical and/or statistical solutions to physical, engineering or business problems. Engineering problems may include analysis/simulation/modification of current embedded computer resources in aircraft avionics and missile weapon systems. Physical problems may include simulations and projections of aircraft and missile engagement profiles. End products may include IT resource system requirements, life cycle management documentation, functional descriptions, specifications, technical reports, test plans, benchmark tests, engineering studies and suitable applications programs.

3.1.3 The Contractor shall utilize on-demand high performance computing (HPC) to meet mission objectives and serve NAWCWD science-and-technology and test-and-evaluation communities in support of NAVAIR and its mission in serving the Fleet. HPC-based efforts may support areas such as modeling of radio-frequency systems and antenna designs, computational fluid dynamics, ocean modeling, weather prediction, radar-cross-section prediction and signal and image processing. HPC support may include the application of conventional "super computers", "real time" computers and scalable parallel processors to the NAWCWD mission.

3.1.4 The Contractor shall perform feasibility and design studies, analyses and development/implementation of communications systems and networks for large as well as small scale IT systems for use by NAWCWD and other Government and Contractor entities which require (in pursuit of NAWCWD mission objectives) such support.

3.1.5 The Contractor shall perform studies, analyses and implementation support services for data/system security procedures in support of information assurance (IA) requirements. This effort includes but is not limited to embedded weapon systems, weapon system support, scientific and engineering IT systems.

3.1.6 The Contractor shall perform artificial intelligence studies, analyses and implementation in the areas of representation and reasoning including generative and reactive planning/control, fuzzy logic/control, reasoning, argumentation, and deduction. Other possible areas of support are related to perception disciplines such as 3D modeling and interpretation, information source integration, image/scene analysis, object and feature detection/recognition/analysis, and virtual reality.

3.2 Project Planning, Technical Reviews, and Documentation for IT Systems.

3.2.1 The Contractor shall perform, participate in, and support technical reviews to demonstrate and document NAWCWD IT systems and IT project compliance with DoD, Department of the Navy (DoN), and joint service or other Government project requirements, reviews, and development schedules.

3.2.2 The Contractor shall provide IT project planning and management activities including feasibility, cost/benefit, alternatives, and economic analyses and planning services as well as services related to the entire set of standard project management functions and full life-cycle management of all projects assigned.

3.2.3 The Contractor shall develop various documents at the task order level that shall include but are not limited to the following:

3.2.3.1 Configuration Management Plan

3.2.3.2 Database Administration Plan

3.2.3.3 Data Communications Plan

3.2.3.4 Economic Analysis, Modeling and Trade-off analyses

3.2.3.5 Functional Descriptions

3.2.3.6 General Functional Requirements

3.2.3.7 Interface Design Documents

3.2.3.8 Plan of Actions and Milestones

3.2.3.9 Logistics Plans

3.2.3.10 Maintenance and Operations Plans

3.2.3.11 Project Management Plans

3.2.3.12 Repair and Maintenance Plans

3.2.3.13 Requirements Documents

3.2.3.14 Security Plans

3.2.3.15 Software Design Documents

3.2.3.16 Software Development Plans

3.2.3.17 System or Subsystem Specifications

3.2.3.18 Standardization and Interoperability Plans

3.2.3.19 Quality Assurance Plans

3.2.3.20 Test and Evaluation Plans

3.2.3.21 Test Procedures, Results and Reports

3.2.3.22 Training Plans

3.2.3.23 Training Materials

3.2.3.24 Transition Strategy Plans

3.2.3.25 User Manuals

3.2.3.26 Verification and Validation Plans

3.3 Software Development.

3.3.1 The Contractor, in response to software requests, shall first review existing commercial off-the-shelf software (COTS) and government off-the-shelf software (GOTS) for its applicability to the NAWCWD mission and the planning for and integration of selected software into the NAWCWD software suite prior to promoting a development program. All software efforts shall comply with the DoD and DoN application and portfolio management initiatives. In support of software systems development, the Contractor shall perform:

3.3.1.1 Strategic, generalized and project specific planning.

3.3.1.2 Requirements definition, technology assessment, feasibility studies, and analysis of alternatives.

3.3.1.3 Systems modeling, systems integration, interface planning and transition analysis.

3.3.1.4 Design, enhancement, modification, prototyping, coding, testing, evaluation, implementation and training for IT applications.

3.3.1.5 Development, implementation, modification and update of operating systems and communications software systems.

3.3.1.6 Development of new, prototype, one-of-a-kind and novel data gathering and data reduction devices.

3.3.1.7 Application of computer aided engineering disciplines such as, but not limited to, computer aided design, computer aided manufacturing and computer integrated manufacturing, and computer aided software engineering (CASE) disciplines such as, but not limited to, diagram editing systems, design analysis and checking facilities, query language facilities, data dictionary facilities, report generation facilities, forms generation tools and import/export facilities. These disciplines shall be applied, where applicable, to NAWCWD scientific and engineering IT support requirements.

3.3.1.8 Support of the independent verification and validation process.

3.3.2 The Contractor shall perform analysis, design, coding, integration, testing, and deployment of specified software which shall include providing training to Government personnel. The Contractor shall also perform these efforts with both COTS and GOTS software.

3.3.3 The Contractor shall participate in assessments, process definition, preparation and implementation of plans of action for improvement, and reassessments of software projects.

3.3.4 The Contractor shall develop embedded software for weapons systems, aircraft systems, and simulations. The Contractor shall also provide software development support for war gaming simulations and exercises.

3.3.5 The Contractor shall provide software development support for process monitor control systems and environmental monitoring systems.

3.3.6 The Contractor shall provide software development support for activities related to the prototyping, development, coding, testing, integration, and maintenance of software for weapon system tactical support systems.

3.4. Information Technology Services.

3.4.1 The Contractor shall provide information and communications systems development and operations services for the NAWCWD RDT&E mission and supporting business functions. These services include communications system development and operations, computer system and software installation and operations, system/software administration, system and component maintenance, user support, training, security, and computer facilities management.

3.4.2 The Contractor shall provide support services for voice, video, and data communications systems. Management of these network and communication services encompass intranets, internets, electronic commerce, telephony and other associated networking/communication systems including the support necessary to develop, implement and maintain such systems. The Contractor shall provide and implement fail-safe security including the incorporation of network and system security systems and practices. The Contractor shall be responsible for the design, integration, installation, and operations of computer/communications components and associated functions.

3.4.3 The Contractor shall provide hardware and software systems planning and engineering in support of systems transition, reliability, maintainability, human factors, personnel requirements, standardization, cost effectiveness and quality assurance as well as engineering services including function analysis, synthesis of concepts, evaluation, development of decision matrices, and development/description of system elements.

3.4.4 The Contractor shall provide hardware and software services for NAWCWD computing and communications systems and their various components and associated systems.

3.4.4.1 Hardware services include system development, configuration, installation, calibration, modification, repair, upgrade and modernization, evaluation of performance, cleaning and adjusting to meet manufacturers' original equipment specification tolerances or those established through subsequent modifications.

3.4.4.2 Software services include evaluating and optimizing system software; analyzing new software releases to determine impact on existing applications; maintaining, testing, and debugging system software; installing releases; developing various utilities; providing assistance to users of systems software; and performance of configuration management.

3.4.5 The Contractor shall provide support for scientific and engineering systems and initiatives as well as analyses of IT operations and maintenance issues. The Contractor shall be required to set up, operate and optimize data collection and validation systems composed of unique and/or special purpose, one-of-a-kind IT resource systems and components in a variety of locations, climates and environments.

3.4.6 The Contractor shall provide support services for system troubleshooting with restoration of system software to operational condition, system performance monitoring and tuning, system backup and recovery, and the setup of distributed computing systems/environments. The Contractor shall ensure reliable system operation through baseline backups plus incremental backups to digital media, plus rapid, responsive recovery in the event of hardware failure.

3.4.7 The Contractor shall provide support services for the NAWCWD RDT&E workstation and server environment including management and support of linked or networked resources; monitoring, tracking, and ordering; and installation, modification, troubleshooting and upgrading.

3.4.8 The Contractor shall also provide centralized user support including a single point of contact for problem reporting and resolution regarding workstation hardware, software, equipment, management and performance analysis; dispatch of repair or assistance personnel, technical advice, assistance, and training to users. These services may be provided as part of a NAWCWD corporate function or to specific organizational components of NAWCWD.

3.4.9 The Contractor shall provide user and operator support, maintenance and integration services, including both call-in and on-line support, and troubleshooting of the various automated scientific and engineering systems. Contractor shall provide components utilized in the research, development, test, evaluation and training requirements of the NAWCWD; provide development, improvement, modernization, and operations of support centers/help desks; and provide maintenance for automated systems only if such systems are not covered by a separate maintenance agreement(s) with the original equipment manufacturer or third party maintenance organization.

3.4.10 The Contractor shall provide support services for the training of Government personnel on the use of IT systems and application software. Training, if any, shall be for Contractor produced products, Government products, other third party software or combinations thereof.

3.4.11 The Contractor shall perform IT security functions in the areas of computer security, network security, and information security per requirements defined at the task order level. The Contractor shall provide support services for the accreditation of computer/communications hardware, software, and systems.

3.4.12 The Contractor shall provide services in support of the development and continuation of customer relationship management (CRM) strategies including system selection, development, implementation, and operations.

3.4.13 The Contractor shall support the recently adopted NAVAIR thrust to integrate business systems and processes using enterprise resource planning (ERP) concepts and practices in support of NAVAIR/NAWCWD business software such as financial, budgets, procurement, personnel, supply and materials, and other legacy systems in an automated and integrated environment. This requirement will be effective once ERP is implemented by the Government. The Contractor shall provide support services for configuration and integration of hardware and software including interconnectivity of IT equipment in support of collaborative computing systems. The Contractor shall provide intercommunication for interfacing organizations, interface analysis, computer resource installation, and software and hardware connectivity. NAWCWD will share common data and practices across the enterprise and enable systems to produce and access information in real-time mode.

3.5 Data and Information Handling, Data Management, and Administration.

3.5.1 The Contractor shall provide data and information handling support services using an array of data formats, media and input methodologies that includes, but is not limited to: voice, data, film, video, image, printed materials, and combinations thereof. These support services include but are not limited to: word processing, data acquisition, data processing, data entry (including keypunching), data management, data reduction and analysis, media conversion, microfilming, microfiling, image scanning and multimedia technologies. The Contractor shall also provide technical library support that includes, but is not limited to: library management, library systems operations, resource management, research, acquisition, and distribution. The Contractor shall be required to use both manual and automated systems to accomplish these described types of tasks.

3.5.2 The Contractor shall define, analyze, rationalize and develop alternatives for data and information handling; perform econometric analyses and present alternatives for the development of database initiatives. Based on a Government-selected and authorized database initiative, the Contractor shall be required to provide support in any or all of the following database areas: design, development, programming, installation, operation, modification, update, documentation, and maintenance. Operation of databases may include incorporation of authorized changes into existing data files, creation of backup and archive copies of new or updated data files, creation of new data files from digital draft, handwritten, typed or other media input, and conversion of data files from one format to another.

3.5.3 The Contractor shall design, develop, maintain, update, modify, track, and evaluate IT hardware, software and systems documentation. Examples of such documentation include, but are not limited to, specifications, conceptual documents, design documents, operations and maintenance manuals, processes and procedures, drawings, test documentation, and other types of data developed or acquired by the Government.

3.5.4 The Contractor shall perform documentation reviews to verify accuracy, clarity, consistency, completeness, and conformance to applicable standards. The Contractor shall also provide publishing functions (e.g., text, tables, equations, graphics and various file conversions). The elements of the review may include proofreading, legibility, grammar, spelling, punctuation, dimensioning and tolerancing, and others as specified as necessary to meet project/program/mission goals.

3.5.5 The Contractor shall operate computer-aided design (CAD), computer aided manufacturing (CAM), computer integrated manufacturing (CIM), and computer aided engineering (CAE) (including computer aided software engineering) systems.

3.5.6 The Contractor shall provide support for the various on-going management process improvement efforts of the NAWCWD. Efforts may include charting, development, description and analysis of process measures (metrics), interpretations and recommendations, and information presentation and distribution.

3.5.7 The Contractor shall provide data management and administration services including project and program specific data repositories and data dictionaries, as well as other data management services for project and program specific applications.

3.6 Configuration/Data Management for IT Systems.

3.6.1 The Contractor shall provide configuration/data management services for NAWCWD IT systems. Responsibilities will include the definition, accounting, documenting, controlling, storing, and reporting of data and information concerning hardware, software, systems, components and processes over their life cycle. The specific documentation, procedures, format and content shall be controlled by selective application and tailoring of necessary standards. Some examples of documentation that shall be required by the Government during the term of the contract include:

3.6.1.1 Studies and analysis related to automated tools and modeling systems.

3.6.1.2 Scientific and Technical reports including analysis, trade-off studies, alternatives and status summaries.

3.6.1.3 Modeling and simulation data spanning the spectrum from real time to off-line.

3.6.1.4 Computer aided engineering data spanning the spectrum from computer aided drafting/design to computer integrated manufacturing.

3.6.1.5 Design specifications for hardware, software and systems ranging from one-of-a-kind data-gathering systems to interface specifications for embedded systems.

3.6.1.6 "As Built" data and documentation for hardware, software and systems.

3.6.1.7 Maintenance manuals and associated maintenance processes and procedures.

3.6.1.8 Database interface and interconnection requirements.

3.6.1.9 Quality control and quality assurance processes, procedures and application strategy data.

3.6.1.10 Econometric studies and analysis of various automated scientific, engineering and training systems and subsystems and their inter-relationships.

3.6.1.11 Reliability, maintainability and availability data, including statistical data.

3.6.1.12 Graphical data and interactive graphic data.

3.6.1.13 System and equipment installation/de-installation data.

3.7 Quality Assurance/Quality Control of IT Systems.

3.7.1 The Contractor shall provide services in areas related to reliability, maintainability, quality engineering, quality assurance and parts control.

3.7.2 The Contractor shall be required to review and analyze processes, plans and procedures. Services may also include the preparation and updating of quality plans and procedures, criticality analysis, procedural audits, analysis and tracking of requirements, inspection of product design and implementation, examining records of walk-throughs and inspections, supporting the preparations for project reviews certifying test procedures, facilities and tools, and witnessing tests.

3.8 Corporate Business Services.

3.8.1 The Contractor shall provide services in various areas of corporate business support that include, but are not limited to:

3.8.1.2 Financial and business support including financial and accounting support, property/inventory services, procurement/supply support, and resource planning services.

3.8.1.3 Administrative support services to provide data and information handling services using an array of data formats.

3.9 Test Support Services.

3.9.1 The Contractor shall provide test support services, telemetry support services and other data capture and data retrieval support services related to the RDT&E mission of the NAWCWD.

3.9.2 The Contractor shall provide computational analysis of derived data (e.g., force coefficients, transfer coefficients and drag). The Contractor shall also perform theoretical computations to predict or model flight-test characteristics.

3.9.3 The Contractor shall provide modeling and simulation services including the various derivations and permutations thereof including scientific visualization, artificial/synthetic environments, virtual reality, real time simulation, hybrid simulation, distributed interactive simulation (constructive and virtual with linkages to live), and 3-D/solid modeling. Modeling and simulation shall include prototyping to define the feasibility for entering into acquisitions to support Fleet needs for which there is no system or for which existing systems do not provide the needed capabilities as well as verification and validation of various simulations and the accreditation of support services.

3.9.4 The Contractor shall provide data editing and examination of field records that includes, but is not limited to, photographic film, videotape, and associated data recording methodologies support services.

3.10 Management of Sensitive and Secure Data and Systems.

3.10.1 A primary concern of the Government is the capability of the contractor to ensure confidentiality of the information resident in the various scientific, engineering and training systems while providing support services. Therefore, the Contractor shall provide both, an adequate data systems design and stringent operating practices and procedures.

3.10.2 Depending on the particular system involved, information used on or with that system may be classified up to the level of 'Top Secret', or in any of several "Unclassified Sensitive" categories. Examples of "Unclassified Sensitive" categories include but are not limited to: 'For Official Use Only,' 'Privacy Act,' 'Procurement Sensitive', and 'Export Controlled'. Systems operating above the level of 'Secret' require special review and handling and will not be utilized without review of the task order by the NAWCWD Security Office.

3.10.3 The duplication and disclosure of classified or sensitive information to any person other than a Government or contractor employee who must have the information for the performance of obligations, as set forth by the requirements of this contract, is forbidden unless such duplication or disclosure is specifically authorized in writing by the Contracting Officer (see the Contract level or T.O. level if applicable, DD254 (Attachment 1) for a detailed description of security requirements).

3.10.4 Contractor personnel assigned to manage, handle, maintain, or otherwise have access to classified or sensitive information or systems shall possess the appropriate security classification and have had appropriate, current training prior to being afforded access to classified or sensitive information or systems. The Contractor shall also provide periodic (not less than once per year) general employee indoctrination and awareness training concerning the classified and sensitive nature of the various information processing systems and the Contractor's responsibilities for safeguard of these systems. Such presentations shall be submitted to the Contracting Officer for Security Matters for approval prior to their presentation to contractor employees.

3.10.5 The Contractor shall implement security policies and procedures in several aspects, including but not limited to:

3.10.5.1 Operating System Security: including the control of access to IT systems data functions, hardware, and software resources by users and user processes.

3.10.5.2 Human/Computer Interface Security: including the definition and execution of types of user access to objects or data within the purview of human/computer interface systems. This includes but is not limited to limiting personnel access to windows, menus, or functions that provide human/computer interface, and the security labeling of information on displays.

3.10.5.3 Programming Security Services: including the control of access to and the integrity of programming objects such as libraries, program code, tools or information that provides the infrastructure for development of software.

3.10.5.4 Data Management Security: including control of, access to, and integrity of data stored in a system through the use of specific mechanisms such as privileges, database views, assertions, user profiles, verification of data content, and data labels.

3.10.5.5 Data Interchange Security: including verification and validation of the integrity of specific types of data interchange, such as nonrepudiation, encryption, access, data security labeling, etc.

3.10.5.6 Graphics Security: including protection of the integrity of and access to data graphic images such as charts, graphs, pictorials, animations, etc.

3.10.5.7 Network Security: including access, authentication, confidentiality, integrity and nonrepudiation controls, and management of communications between senders and receivers of information on a network as well as cooperation with other contractors and Government personnel assigned primary responsibility for NAWCWD networking system security.

3.11 Contract Data Requirements Listings (CDRL).

3.11.1 The specific content, periodicity, delivery and format (if applicable) requirements of each report described below are defined in Exhibit A.

3.11.1.1 Monthly Progress Report, **CDRL A001**. The contractor shall provide Monthly Progress Reports for each Task Order, outlining work accomplished, problems encountered, problems solved, travel/trip report(s), items delivered, training completed, current schedule. T.O. requirements may specify additional reporting items. The contractor shall submit a proposed format to the Government no later than 15 days after the effective date of the contract. The format is subject to Government approval. (Not required for Firm Fixed Price CLINS)

3.11.1.2 Task Order Expense Report, **CDRL A002**, for each Cost Plus Award Fee Task Order. The contractor shall prepare and submit a bi-weekly (twice a month) Task Order Expense Status Report reflecting task order status relative to expense of dollars and labor hours. The report shall reflect the contractor's "best estimates" of actual dollars and labor hours expended through the end of the previous week, and projections of weekly "burn rate," "stop work" date, and variances from expected expense plan. The cost information shall include a trend analysis graph for both hours and dollars to assist the Government in determining the status of each Task Order. The contractor shall submit a proposed format to the Government no later than 7 days after the effective date of the contract. The format is subject to Government approval. (Not required for Firm Fixed Price CLINS)

3.11.1.3 Estimate to Complete/Estimate at Completion (ETC/EAC) Report, **CDRL A003**. This report shall represent the contractor's best estimate of total expenses (labor hours and dollars costs) at the T.O. period end date. The contractor shall develop and deliver this product for each T.O. for the phase ending dates listed in the CDRL. (Not required for Firm Fixed Price CLINS)

3.11.1.4 The Contractor Award Fee Performance Self-Evaluation Report, **CDRL A004 for each evaluation period**. (Not required for Firm Fixed Price CLINS)

3.11.1.5 Funds/LOE 75% status spreadsheet, **CDRL A005**. The contractor shall provide this bi-weekly (twice a month) spreadsheet in accordance with the details in the CDRL. (Not required for Firm Fixed Price CLINS)

3.11.1.6 The Contract Cost Summary Report, **CDRL A006**. The contractor shall prepare and submit concurrently with each voucher/invoice submitted. (Not required for Firm Fixed Price CLINS)

3.11.1.7 Contract Data Product Summary, **CDRL A007**. The contractor shall deliver a CD archiving all contract level data products submitted from contract inception through date of submittal of this data product. Submission is required 15 days after the end of each Government fiscal year, and 15 days after the end of the contract period of performance. The contractor shall submit the proposed format no later than 45 days after the effective date of the contract. The format is subject to Government approval.

3.11.1.8 Employee Qualification Statement, **CDRL A008**. The contractor shall provide a CD of qualification packages, based on Employee Qualification (Attachment 1) for all direct personnel employed under the STARS contract within 30 calendar days of contract start date.

3.11.1.9 The Award Fee Period Hours Report, **CDRL A009** summarizing all hours worked during each evaluation period. (Not required for Firm Fixed Price CLINS)

3.11.1.10 The Burdened and Unburdened Labor Rate Report, **CDRL A00A**. (Not required for Firm Fixed Price CLINS)

3.11.1.11 The Indirect Expense Report, **CDRL A00B**. (Not required for Firm Fixed Price CLINS)

3.11.1.12 The Relocation Report, **CDRL A00C**.

3.11.1.13 The Personnel Report, **CDRL A00D**.

3.11.1.14 The Phase-Out Plan, **CDRL A00E**. The contractor shall prepare and submit a Phase-Out Plan. The Phase-Out Plan shall describe the transition between the incumbent contractor and the follow-on contractor. The Phase-Out Plan is deliverable only if requested by the Contracting Officer. The Phase-Out Plan (draft and final) shall be delivered to the Contracting Officer and COR as an electric file attachment to a transmitting E-mail.

3.11.1.15 The Operations Security (OPSEC) Plan, **CDRL A00F**. The contractor shall prepare and submit the draft OPSEC plan 90 days after award. The final plan is due 45 days after government approval of the draft.

~~3.11.1.16 Status Report. The contractor shall prepare and submit an Information Technology Personnel Security Report for the Contracting Officer Representative (COR) and an Information Technology Personnel Security Report for NAVAIR Security within (30) days after addition of this CDRL or contract start date. Subsequent reports are due (365) days after first report. Updated report is required within 30 days of gain or loss of employee(s) that have or will access Government IT systems. (CDRLs A00G & A00H). Requirement for spreadsheet report deleted per latest revision to Clause 5252.204-9505 (SAAR-N Clause)~~

3.11.1.17 Invoice Summary Report, **CDRL A00J**. The contractor shall prepare and submit concurrently with each voucher/invoice submitted.

3.11.1.18 The Contractor shall provide other CDRLs (e.g., technical reports) as required and defined by individual T.O.s.

3.12 GOGO/COGO Vehicles.

The contractor shall provide all vehicles required for the performance of this contract unless shared access is authorized. Contractor personnel may use Government Owned Government Operated (GOGO) and Contractor Owned Government Operated (COGO) vehicles under the following conditions:

5252.228-9501 LIABILITY INSURANCE is included in this contract and applies to the use of GOGO/COGO vehicles

The contractor shall meet all training and licensing requirements to operate the COGO and GOGO vehicles and equipment.

The contractor need for COGO and GOGO vehicles and equipment must be generally less than full time and shall not interfere with government use of those vehicles and equipment. If the contractor needs full time access to vehicles and equipment then the contractor should provide their own vehicles and equipment.

Use of GOGO/COGO is for contractors that work on a government site. Contractors that work primarily off site should provide their own vehicles and equipment.

Information: NAWC WD Transportation can only issue vehicles and equipment to government employees. The government code remains responsible for the vehicles and equipment. The government code will only provide vehicle and equipment access to the contractor on a "as available" basis.

4.0 SPECIAL CONSIDERATIONS.

4.1 Vehicles. Clause 5252.245-9500 in the contract applies.

4.2 Security. The attached DD Form 254 identifies the anticipated security access and performance requirements for a majority of the task orders that will be issued under this contract. T.O. specific DD254's will be issued when security requirements differ in anyway from the basic contract DD254.

4.3 Recall: In the event of an emergency at NAWCWD, a critical essential Government point of contact may recall contractors who have already been identified as "critical/essential" and are providing IT/IM Corporate Operations support under this contract.

Critical Essential definitions and personnel are identified in accordance with NAWC Instruction 5560 dated 25 Oct 07.

5252.204-9505 SYSTEM AUTHORIZATION ACCESS REQUEST NAVY (SAAR-N) REQUIREMENTS FOR INFORMATION TECHNOLOGY (IT) (NAVAIR) (JUN 2009)

(a) Contractor personnel assigned to perform work under this contract may require access to Navy Information Technology (IT) resources (e.g., computers, laptops, personal electronic devices/personal digital assistants (PEDs/PDAs), NMCI, RDT&E networks, websites such as MyNAVAIR, and Navy Web servers requiring Common Access Card (CAC) Public Key Infrastructure (PKI)). Contractor personnel (prime, subcontractor, consultants, and temporary employees) requiring access to Navy IT resources (including those personnel who previously signed SAAR DD Form 2875) shall submit a completed System Authorization Access Request Navy (SAAR-N), OPNAV 5239/14 (Jul 2008) form or latest version thereof, and have initiated the requisite background investigation (or provide proof of a current background investigation) prior to accessing any Navy IT resources. Instructions for processing the SAAR-N forms are available at:

http://www.navair.navy.mil/index.cfm?fuseaction=home.contractor_forms.

(b) SAAR-N forms will be submitted to the Contracting Officer's Representative (COR) or Alternate COR, or to the government sponsor, if the contract does not name a COR or Alternate COR via the contractor's Facility Security Officer (FSO). If the contract does not have an assigned COR or Alternate COR (ACOR), the designated SAAR-N Government Sponsor for contractor employees requiring IT access, [fill-in name] shall be responsible for signing and processing the SAAR-N forms. For those contractors that do not have a FSO, SAAR-N forms shall be submitted directly to the COR/ACOR or designated SAAR-N Government Sponsor. Copies of the approved SAAR-N forms may be obtained through the COR/ACOR or designated SAAR-N Government Sponsor. Requests for access should be routed through the NAVAIR_SAAR.fct@navy.mil mailbox.

(c) In order to maintain access to Navy IT resources, the contractor shall ensure completion of initial and annual IA training, monitor expiration of requisite background investigations, and initiate re-investigations as required. If requested, the contractor shall provide to the COR/ACOR or designated SAAR-N Government Sponsor documentation sufficient to prove that it is monitoring/tracking the SAAR-N requirements for its employees who are accessing Navy IT resources. For those contractor personnel not in compliance with the requirements of this clause, access to Navy IT resources will be denied/revoked.

(d) The SAAR-N form remains valid throughout contractual performance, inclusive of performance extensions and option exercises where the contract number does not change. Contractor personnel are required to submit a new SAAR-N form only when they begin work on a new or different contract.

The following have been deleted:

5252.204-9505 Information Assurance And Personnel Security Requirements OCT 2007
For Accessing Government Information Technology Systems

SECTION G - CONTRACT ADMINISTRATION DATA

5252.232-9513 INVOICING AND PAYMENT (WAWF) INSTRUCTIONS (MAR 2009)

(a) The following information is provided to assist the contractor in submitting invoices and receiving reports electronically through Wide Area Work Flow -- Receipt and Acceptance (WAWF) in accordance with DFARS 252.232-7003:

(1) Registration instructions, on-line training, user guides, quick reference guides, and other support documents and information can be found at the following website: [WAWF Overview](#)

(2) Vendors should contact the following POCs for additional support with registration or other WAWF issues, based on the administration of their contract:

(i) DCMA-administered contracts: Contact the ACO at the cognizant Defense Contract Management Agency (DCMA) office found in the contract.

(ii) Locally-administered contracts: Contact your local NAVAIR/NAWC Pay Office (Commercial Accounts) at [Insert phone number] or DFAS via the numbers listed at www.dfas.mil

(3) Information on the electronic forms the contractor shall utilize to comply with DFARS 252.232-7003 is available on the [WAWF Functional Information](#) and [WAWF Training](#) websites.

(4) 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 DODAACs, must be entered for completion of the invoice in WAWF:

DoDAAC LOCATION TABLE						
	-Select Combo for Fixed Price Supplies and Services -Select Cost Voucher for all Cost or T&M or CLINs. -The 2-in-1 invoice is not authorized for use by NAVAIR -Questions? Call 1-866-618-5988					
	Located in Block					
DoDAAC Description	DD1155 (Destination Acceptance)	DD1155 (Source/Origin Acceptance)	SF26	SF33	SF1449	SF1449 (Destination Acceptance)
Issuing Office DoDAAC	6	6	5	7	7	9
Administrating Office DoDAAC	7	7	6	24	26	16
Inspector's DoDAAC	See Schedule	See Schedule	11	See Schedule	See Schedule	See Schedule
Service Acceptor DoDAAC	14	See Schedule	11	See Schedule	See Schedule	15
Pay Office DoDAAC	15	16	12	25	27	18a

(c) Cost Vouchers also require the cognizant DCAA DoDAAC, which can be found by entering the contractor's zip code in the Audit Office Locator at <http://www.dcaa.mil>. 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) For each invoice / cost voucher submitted for payment, the contractor shall also email the WAWF automated invoice notice directly to the following additional points of contact:

Name (or Clause w/Name)	Email	Phone	Role
See: 5252.201-9500 or 5252.201-9501			Technical Point of Contact or Contracting Officer's Representative

The following have been deleted:

5252.232-9513 Invoicing Instructions And Payment (WAWF)

DEC 2007

SECTION H - SPECIAL CONTRACT REQUIREMENTS

The following have been modified:

5252.243-9504 AUTHORIZED CHANGES ONLY BY THE CONTRACTING OFFICER (NAVAIR) (JAN 1992)

(a) Except as specified in paragraph (b) below, no order, statement, or conduct of Government personnel who visit the contractor's facilities or in any other manner communicates with contractor personnel during the performance of this contract shall constitute a change under the "Changes" clause of this contract.

(b) The contractor shall not comply with any order, direction or request of Government personnel unless it is issued in writing and signed by the Contracting Officer, or is pursuant to specific authority otherwise included as a part of this contract.

(c) The Contracting Officer is the only person authorized to approve changes in any of the requirements of this contract and notwithstanding provisions contained elsewhere in this contract, the said authority remains solely the Contracting Officer's. In the event the contractor effects any change at the direction of any person other than the Contracting Officer, the change will be considered to have been made without authority and no adjustment will be made in the contract price to cover any increase in charges incurred as a result thereof. The address and telephone number of the Contracting Officer is: Deborah Winfield, 429 E. Bowen Road, Stop-4015, China Lake, CA 93555-6108, (760) 939-9661, deborah.winfield@navy.mil.

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. P00009	3. EFFECTIVE DATE 16-Sep-2009	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)
6. ISSUED BY CDR NAWCVM CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual agreement of the parties				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards092977 The purpose of this modification is to add FAR clause 52.222-54 Employment Eligibility Verification to the contract.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) DEBORAH M. MCKELLAR / PROCURING CONTRACTING OFFICER TEL: (760) 939-9661 EMAIL: deborah.mckellar@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Deborah McKellar</u> (Signature of Contracting Officer)	16C. DATE SIGNED 16-Sep-2009	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION I - CONTRACT CLAUSES

The following have been added by reference:

52.222-54 Employment Eligibility Verification SEP 2009

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES	
				R	1	2
2. AMENDMENT/MODIFICATION NO. P00010	3. EFFECTIVE DATE 21-Oct-2009	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)		
6. ISSUED BY CDR NAWCWD CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556				9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
				X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
				X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.						
12. ACCOUNTING AND APPROPRIATION DATA (If required)						
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).						
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
X D. OTHER (Specify type of modification and authority) Unilateral 5252.232-9506 Determination and payment of Award Fee.						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards1097 The purpose of this modification is to authorize the contractor to invoice for Award Fee earned during period 2.						
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.						
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) DEBORAH M. MCKELLAR / PROCURING CONTRACTING OFFICER TEL: (760) 939-9661 EMAIL: deborah.mckellar@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Deborah McKellar</u> (Signature of Contracting Officer)		16C. DATE SIGNED 21-Oct-2009	

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

In accordance with contract clause 5252.232-9506 entitled Determination and Payment of Award Fee, this modification authorizes the contractor to invoice each task order for the award fee earned during Award Fee Period 2 (01 February 2009 through 31 July 2009). Award fee hours and dollars earned during Period 2 are depicted in the table below:

TO #	Hours	Total AF earned	Max AF
0001	(b)(4)	(b)(4)	(b)(4)
0003	(b)(4)	(b)(4)	(b)(4)
0004	(b)(4)	(b)(4)	(b)(4)
0005	(b)(4)	(b)(4)	(b)(4)
0006	(b)(4)	(b)(4)	(b)(4)
0007	(b)(4)	(b)(4)	(b)(4)
0008	(b)(4)	(b)(4)	(b)(4)
0009	(b)(4)	(b)(4)	(b)(4)
0010	(b)(4)	(b)(4)	(b)(4)
0011	(b)(4)	(b)(4)	(b)(4)
0013	(b)(4)	(b)(4)	(b)(4)
0015	(b)(4)	(b)(4)	(b)(4)
0017	(b)(4)	(b)(4)	(b)(4)
0018	(b)(4)	(b)(4)	(b)(4)
0019	(b)(4)	(b)(4)	(b)(4)
0020	(b)(4)	(b)(4)	(b)(4)
0022	(b)(4)	(b)(4)	(b)(4)
0023	(b)(4)	(b)(4)	(b)(4)
0024	(b)(4)	(b)(4)	(b)(4)
0025	(b)(4)	(b)(4)	(b)(4)
0026	(b)(4)	(b)(4)	(b)(4)
0027	(b)(4)	(b)(4)	(b)(4)
0028	(b)(4)	(b)(4)	(b)(4)
0029	(b)(4)	(b)(4)	(b)(4)
	(b)(4)	(b)(4)	(b)(4)

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. P00011	3. EFFECTIVE DATE 03-Jun-2010	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)
6. ISSUED BY CDR NAWCVM CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).			
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards101979 The purpose of this modification is to authorize the contractor to invoice for Award Fee earned during period 3.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) DEBORAH M. MCKELLAR / PROCURING CONTRACTING OFFICER TEL: (760) 939-9661 EMAIL: deborah.mckellar@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Deborah McKellar</u> (Signature of Contracting Officer)	16C. DATE SIGNED 03-Jun-2010	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

In accordance with NAVAIR clause 5252.232-9506 "Determination and Payment of Award Fee", this modification authorizes the contractor to invoice each task order for the award fee earned during Award Fee Period 3 (01 August 2009 through 31 Jan 2010). Award fee hours and dollars earned during Period 3 are depicted in the table below:

TO #	Hours	Total AF earned	Max AF
0004	285	\$1,372.03	\$1,501.95
0005	1,485.5	\$7,088.00	\$7,828.59
0006	2,139.5	\$10,621.21	\$11,275.17
0007	12,568	\$61,000.92	\$66,233.36
0008	3,161.5	\$15,034.98	\$16,661.11
0009	1,754.5	\$8,831.98	\$9,246.22
0010	1,095.5	\$5,317.20	\$5,773.29
0011	14,010.5	\$70,793.32	\$73,835.94
0013	5,087.5	\$25,899.55	\$26,811.13
0015	3,696	\$18,359.89	\$19,477.92
0017	6,263.5	\$31,886.35	\$33,008.65
0018	287	\$1,295.45	\$1,512.49
0019	8,738.5	\$43,380.89	\$46,051.90
0020	15,513.5	\$72,893.78	\$81,756.15
0022	19,416.5	\$96,390.11	\$102,324.96
0023	1,589.5	\$8,041.60	\$8,376.67
0024	915	\$4,629.17	\$4,822.00
0025	8,600	\$43,019.64	\$45,322.00
0026	13,659.5	\$63,404.89	\$71,985.57
0027	1,013	\$4,908.76	\$5,338.51
0028	17,126.5	\$79,443.91	\$90,256.66
0029	14,812	\$66,506.47	\$78,059.24
	153,218	\$740,120.08	\$807,458.86

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. P00012	3. EFFECTIVE DATE 30-Aug-2010	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)
6. ISSUED BY CDR NAWCWD CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual agreement of the parties				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards102729 The purpose of this modification is to incorporate updated wage determinations for Kern and Ventura Counties.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) DEBORAH M. MCKELLAR / PROCURING CONTRACTING OFFICER TEL: (760) 939-9661 EMAIL: deborah.mckellar@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Deborah McKellar</u> (Signature of Contracting Officer)	16C. DATE SIGNED 30-Aug-2010	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Exhibit (A)	Contract Data Requirements Lists (CDRLS)	28	02/12/2009
Attachment (1)	Employee Qualifications	8	05/25/2007
Attachment (2)	WD Kern County 05-2044 (Rev (12))	10	06/15/2010
Attachment (3)	WD Ventura County 05-2072 (Rev 13))	10	06/15/2010
Attachment (4)	Award Fee Plan	16	05/25/2007
Attachment (5)	Reserved		
Attachment (6)	Contract Security Classification Specification (DD254), Revision 1	113	06/05/2008
Attachment (7)	SubContracting Plan	12	07/16/2007
Attachment (8)	Small Disadvantaged Business Participation Target	5	07/16/2007

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			R	1	3
2. AMENDMENT/MODIFICATION NO. P00013	3. EFFECTIVE DATE 10-Nov-2010	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO. (If applicable)	
6. ISSUED BY CDR NAWCWD CODE 254100D ATTN: S. RIZZARDINI (780) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
			X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.					
<p>Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:</p> <p>(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards11315 The purpose of this modification is to authorize the contractor to invoice for award fee earned during period 4 and correct the dates in NAVAIR Clause 5252.211-9507 as shown herein.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) DEBORAH M. MCKELLAR / PROCURING CONTRACTING OFFICER TEL: (780) 939-9661 EMAIL: deborah.mckellar@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Deborah McKellar</u> (Signature of Contracting Officer)		16C. DATE SIGNED 10-Nov-2010

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

In accordance with NAVAIR clause 5252.232-9506 "Determination and Payment of Award Fee", this modification authorizes the contractor to invoice each task order for the award fee earned during Award Fee Period 4 (01 February 2010 through 31 Jul 2010). Award fee hours and dollars earned during Period 4 are depicted in the table below:

TO#	HOURS	Total AF earned	MAX AF
0002	(b)(4)	(b)(4)	(b)(4)
0005	(b)(4)	(b)(4)	(b)(4)
0006	(b)(4)	(b)(4)	(b)(4)
0007	(b)(4)	(b)(4)	(b)(4)
0008	(b)(4)	(b)(4)	(b)(4)
0009	(b)(4)	(b)(4)	(b)(4)
0010	(b)(4)	(b)(4)	(b)(4)
0011	(b)(4)	(b)(4)	(b)(4)
0013	(b)(4)	(b)(4)	(b)(4)
0015	(b)(4)	(b)(4)	(b)(4)
0017	(b)(4)	(b)(4)	(b)(4)
0019	(b)(4)	(b)(4)	(b)(4)
0020	(b)(4)	(b)(4)	(b)(4)
0022	(b)(4)	(b)(4)	(b)(4)
0025	(b)(4)	(b)(4)	(b)(4)
0026	(b)(4)	(b)(4)	(b)(4)
0027	(b)(4)	(b)(4)	(b)(4)
0028	(b)(4)	(b)(4)	(b)(4)
0029	(b)(4)	(b)(4)	(b)(4)
Total Earned	(b)(4)	(b)(4)	(b)(4)
0001*	(b)(4)		(b)(4)
Total Billable	(b)(4)		(b)(4)

(b)(4)

Section F change:

5252.211-9507 PERIOD OF PERFORMANCE (MAR 1999)

(a) The contract shall commence on Aug 1, 2008 and shall continue through Jul 31, 2013.

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. P00014	3. EFFECTIVE DATE 16-Dec-2010	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)
6. ISSUED BY CDR NAWCWD CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards11722 The purpose of this modification is to update Clause 5252.245-9500 to reflect the current Government Property Administrator as shown herein.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) DEBORAH M. MCKELLAR / PROCURING CONTRACTING OFFICER TEL: (760) 939-9661 EMAIL: deborah.mckellar@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Deborah McKellar</u> (Signature of Contracting Officer)		16C. DATE SIGNED 16-Dec-2010

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION H - SPECIAL CONTRACT REQUIREMENTS

The following have been modified:

5252.245-9500 GOVERNMENT PROPERTY FOR THE PERFORMANCE OF THIS CONTRACT (NAVAIR)(APR 1998) - ALT I (APR 1998)

(a) Definition. Government production and research property, as the term is used herein, shall consist of special tooling to which the Government has title or the right to acquire title, Government-owned special test equipment and Government-owned facilities as each term is defined respectively in FAR 45.101 and 45.301.

(b) Authorization to Use Government Production and Research Property, Material, and Agency Peculiar Property Currently Covered by Government Contracts Without Rental Charge in Performing this Contract. Government production and research property, material, and agency peculiar property covered by the following listed Government contracts on the effective date of this contract is hereby authorized for use on a rent-free, non-interference basis in the performance of this contract and sub-contracts of any tier issued hereunder:

Contract No(s): N68936-02-D-0027. For planning purposes, the total GFP/GFM line item and dollar value is as follows:

China Lake Site: GFP – Total items: 895	Dollar Value: \$3,212,467.35
GFM – Total items: 62,361	Dollar Value: \$49,355.33
Pt. Mugu Site: GFM – Total items 438	Dollar Value: \$102,318.19

(c) Authorization to Use Government Production and Research Property and Agency Peculiar Property to be Provided Under this Contract Without Rental Charge in Performing this Contract. (This paragraph does not cover such property in possession of the contractor or his subcontractors on the date of award of this contract.)

(1) Subject to the provisions of the Government Property clause of this contract, the Government hereby agrees to provide hereunder the Government production and research property and agency peculiar property identified in (c)(2) through (c)(5) to the contractor. The contractor is hereby authorized to use, on a rent-free basis, said property in the performance of this contract.

(2) Special Tooling (as defined in FAR 45.101):

Special tooling will be specified at the task order level.

(3) Special Test Equipment (as defined in FAR 45.101):

Special test equipment will be specified at the task order level.

(4) Facilities (as defined in FAR 45.301 and DFARS 245.301):

Facilities will be specified at the task order level.

(These facilities shall, when provided, become accountable under and be subject to that facilities contract, if any, in effect between the Government and the contractor or any of his subcontractors at the plant where they are to be located during performance of this contract.)

(5) Agency Peculiar Property (as defined in FAR 45.301 and DFARS 245.301):

Agency peculiar property will be specified at the task order level.

The following terms and conditions shall be applicable to the agency peculiar property, if any, identified above:

(A) each item of agency peculiar property shall be identified by its Federal Item Identification Number and Government Nomenclature;

(B) the agency peculiar property shall be accounted for under this contract; and

(C) upon completion or termination of this contract, the contractor shall request and comply with disposition instructions from the Contracting Officer.

(d) Government Material and Agency Peculiar Property to be Furnished Under this Contract. (This paragraph covers Government-owned material and agency peculiar property furnished to the contractor for (A) consumption in the course of manufacture, testing, development, etc., or (B) incorporation in items to be delivered under this contract, e.g., Master Government-Furnished Equipment List (MGFEL).)

(1) Subject to the provisions of the Government Property clause of this contract, the Government hereby agrees to provide hereunder the Government-owned agency peculiar property and material identified in (d)(2) and (d)(3) to the Contractor. The Contractor is hereby authorized as appropriate, (A) to consume the material identified in (d)(2) and the agency peculiar property identified in (d)(3) in performing this contract or (B) to incorporate such material and agency peculiar property in articles under this contract.

(2) Material (as defined in FAR 45.301):

Materials will be specified at the task order level.

Requisitioning Documentation: Contractor access to the federal supply system is permitted only when the material as well as the quantity is identified in the above paragraph. The contractor shall prepare requisitioning documentation for the above material in accordance with the "Military Standard Requisitioning and Issue Procedures (MILSTRIP) for Defense Contractors", DoD 4000.25-1-M, Chapter 11 and NAVSUP Publication 437 as revised by DoD AMCL 1 A guidance. The contractor must submit all requisitions for Government Furnished Material (GFM) from the supply system to the Material Control Activity (MCA) specified in Section G of this contract. Upon completion or termination of this contract, the contractor shall request and comply with disposition instructions from the Contracting Officer.

(3) Agency Peculiar Property (as defined in FAR 45.301 and DFARS 245.301):

Agency peculiar property will be specified at the task order level.

The terms and conditions made applicable to agency peculiar property in (c)(5) shall be applicable to the agency peculiar property, if any, identified above.

(e) Government Installations to be Made Available Under this Contract. (This paragraph covers Government installations, or portions thereof, to be made available to a contractor but not transferred to his possession - for example, test centers, wind tunnels, aircraft fields, as well as buildings, furniture or equipment. Instructions may be needed to establish ground rules or plans governing availability of installations.)

(1) The Government hereby agrees to make available hereunder on a rent-free, non-interference basis for performing this contract the Government installations, or portions thereof, identified in (e)(2) in accordance with standard operating procedures and priorities unless otherwise specified in the Schedule. Although not "Government-furnished property" under this contract, the provisions of paragraph (a) of the Government Property clause of this contract shall apply to these installations.

(2) Installations. None

(f) Bailed Property to be Used Under this Contract. (This paragraph will not obviate the need to set forth in this contract the terms of the project agreement as required by the pertinent bailment agreement.)

(1) The bailed property identified in (f)(2) is hereby authorized for use on a rent-free basis in the performance of this contract. Although not "Government-furnished property" under this contract, the provisions of paragraph (a) of the Government Property clause of this contract shall apply to this bailed property.

Bailment Agreement

Under which

Accountable

(2) Description Serial Number

None

(g) This clause shall in no event be construed to authorize rent-free use of any property identified above for any effort other than that called for under this contract.

(h) Installation Cost. The estimated cost, and fee, if any, of this contract makes full allowance for all costs to be incurred under this contract for the adaptation and installation of the property identified in this clause.

(i) Installation. Government production and research property, other than foundations and similar improvements necessary for the installation of special tooling, special test equipment, and plant equipment, as defined in FAR 45.101, shall not be installed or constructed on land nor owned by the Government in such fashion as to be non-severable unless authority is granted by the Contracting Officer cognizant of the contract under which the property is provided in accordance with FAR 45.309.

(j) Limitation: This clause does not authorize the contractor to acquire any property for the Government.

(k) The contractor represents that the price and delivery schedule of this contract have been established in reliance on the Government granting the authorization in (b), (c), (d), (e) and (f), and that no charge has been included in this contract for use of the property as authorized above.

(l) Whenever the Contracting Officer authorizes or makes available the use, on a rent-free basis, of additional Government production and research property or other Government property in the performance of this contract or subcontracts of any tier under this contract, the contract will be equitably adjusted in accordance with the procedures provided for in the Changes clause.

(m) If the Government production and research property or other Government property authorized or made available above is decreased by the Government, the contractor will be entitled to an equitable adjustment to the terms of this contract in accordance with the procedures provided for in the Changes clause hereof, as a result of such decrease; provided, however, that if any such decrease is due to the failure of the contractor or his subcontractors of any tier under this contract to fulfill their respective obligations either with respect to the Government property or with respect to the work such property is to be used to perform, the Contracting Officer will take such circumstances into account in establishing the equitable adjustment.

(n) The contractor is responsible for scheduling the use of all property covered by this clause and the Government shall not be responsible for conflicts, delays, or disruptions to any work performed by the contractor due to use of any or all such property, either under this contract or any other contracts under which use of such property is authorized.

(o) Vehicles: The contractor shall provide all vehicles required for the performance of this contract. The only exception shall be those vehicles which shall be transferred from contract N68936-02-D-0027 to this follow-on contract for the useful life of each vehicle. The Government will not replace any of the specified vehicles after its useful life. Those vehicles to be transferred will be provided in the Government Furnished Property attachment to the applicable Task Order. However, for proposal purposes, the current N68936-02-D-0027 contract provides a total of twelve vehicles in which seven will be transferred to the follow-on contract. As stated above, it is the contractor's responsibility to provide any additional transportation where required for the performance of each Task Order. The following information is a summary of the vehicles being transferred. The seven vehicles listed below are located at China Lake, CA:

2003 Chevy Van.	(b)(6)
2003 Chevy Van,	(b)(6)
2003 Chevy Van,	(b)(6)
2003 Chevy Van,	(b)(6)
1996 Ford Ranger Truck,	(b)(6)
1992 Chevy Van,	(b)(6)
1992 Chevy Van,	(b)(6)

ASSIGNMENT OF GOVERNMENT PROPERTY ADMINISTRATOR

In accordance with FAR Part 45, as supplemented, the following individual has been appointed as the Government Property Administrator for this contract.

COMMANDER
 CODE 21000D (b)(6)
 NAVAIRWARCENWPNDIV
 (b)(6)
 CHINA LAKE, CA 93555-6108

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. P00015	3. EFFECTIVE DATE 14-Feb-2011	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)
6. ISSUED BY CDR NAWCWD CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual agreement of the parties				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards111180 The purpose of this modification is to add clause 252.222-7006 as shown herein				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) DEBORAH M. MCKELLAR / PROCURING CONTRACTING OFFICER TEL: (760) 939-9661 EMAIL: deborah.mckellar@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Deborah McKellar</u> (Signature of Contracting Officer)	16C. DATE SIGNED 14-Feb-2011	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION I - CONTRACT CLAUSES

The following have been added by reference:

252.222-7006 Restrictions on the Use of Mandatory Arbitration Agreements DEC 2010

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES			
			R	1	2		
2. AMENDMENT/MODIFICATION NO. P00016	3. EFFECTIVE DATE 05-May-2011	4. REQUISITION/PURCHASE REQ. NO. 1300010822		5. PROJECT NO. (If applicable)			
6. ISSUED BY CDR NAWCWD CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93565-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556			9A. AMENDMENT OF SOLICITATION NO.				
			9B. DATED (SEE ITEM 11)				
			X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016			
			X	10B. DATED (SEE ITEM 13) 02-Jan-2008			
CODE 03QT6	FACILITY CODE						
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards111890 The purpose of this modification is to authorize the contractor to invoice for award fee earned during period 4 as shown herein							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) TARA J AGEЕ / PROCURING CONTRACTING OFFICER TEL: (760) 939-2459 EMAIL: tara.agee@navy.mil				
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Tara J. Agee</i> (Signature of Contracting Officer)		16C. DATE SIGNED 05-May-2011		

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

In accordance with NAVAIR clause 5252.232-9506 "Determination and Payment of Award Fee", this modification authorizes the contractor to invoice each task order for the award fee earned during Award Fee Period 5 (01 Aug 2010 – 31 Jan 2011). Award fee hours earned during Period 5 are depicted in the table below. Since this award fee period crosses fiscal years, there are column showing the breakout for each fiscal year (Aug – Sep and Oct – Jan) as well as the combined amount for the total award fee for each task order.

TO #	HRS	Aug - Sep AF	Oct - Jan AF	Total AF earned	Max AF
0002/0033	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0005/0031	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0006/0034	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0007/0035	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0008/0036	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0009/0037	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0010/0038	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0011/0039	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0013/0030	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0015/0040	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0017/0041	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0019/0042	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0020/0043	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0022/0032	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0025/0044	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0026/0045	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0027/0048	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0028/0046	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
0029/0047	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)
Totals	(b)(4)	(b)(4)	(b)(4)	(b)(4)	(b)(4)

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE R	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. P00017	3. EFFECTIVE DATE 26-Aug-2011	4. REQUISITION/PURCHASE REQ. NO. 1300010922		5. PROJECT NO.(If applicable)
6. ISSUED BY CDR NAWCVM CODE 254100D ATTN: S. RIZZARDINI (760) 939-3258 429 E BOWEN RD - STOP 4015 CHINA LAKE CA 93555-6108	CODE N68936	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) JACOBS TECHNOLOGY INC. DALE GATES 1550 N NORMA ST RIDGECREST CA 93555-2556		9A. AMENDMENT OF SOLICITATION NO.		
		9B. DATED (SEE ITEM 11)		
		X	10A. MOD. OF CONTRACT/ORDER NO. N68936-08-D-0016	
		X	10B. DATED (SEE ITEM 13) 02-Jan-2008	
CODE 03QT6	FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual agreement of the parties				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: rizzards112815 The purpose of this modification is to update the wage determinations and to add the government furnished property list to the task order.				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) TARA J AGEE / PROCURING CONTRACTING OFFICER TEL: (760) 939-2459 EMAIL: tara.agee@navy.mil		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Tara J. Agee</i> (Signature of Contracting Officer)	16C. DATE SIGNED 26-Aug-2011	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION I - CONTRACT CLAUSES

The following has been modified:

SECTION J -TABLE OF CONTENTS

Exhibit/Attachment Table of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Exhibit A	CDRL's (.DOC)	27	
Attachment 1	Employee Quals (.DOC)	8	
Attachment 2	Kern County WD 05-2044 rev 14 (.PDF)	10	6/13/11
Attachment 3	Ventura County WD 05-2072 rev 14 (.PDF)	10	6/13/11
Attachment 4	Award Fee Plan (.DOC)	16	
Attachment 5	07-D-0014 Attach (5) Past Perf Survey (.DOC)		
Attachment 7	SubContracting Plan		16-JUL-2007
Attachment 8	SDB Participation Targets (.PDF)		16-JUL-2007
Attachment 9	Government Furnished Property List (RTF)		

(End of Summary of Changes)