

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE  
U

PAGE OF PAGES  
1 2

2. AMENDMENT/MODIFICATION NO.  
18

3. EFFECTIVE DATE  
21-Feb-2017

4. REQUISITION/PURCHASE REQ. NO.  
N0005217RC006FP

5. PROJECT NO. (If applicable)  
N/A

6. ISSUED BY CODE

N00189

7. ADMINISTERED BY (If other than Item 6)

CODE

S2404A

NAVSUP FLC Norfolk, Detachment Philadelphia  
700 Robbins Avenue, Bldg. 2B  
Philadelphia PA 19111-5083

DCMA Manassas  
14501 George Carter Way, 2nd Floor  
Chantilly VA 20151

SCD: C

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

Ironclad Technology Services LLC  
200 Golden Oak Court, Suite 320  
Virginia Beach VA 23452

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

[X]

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-10-D-6117 / N00178-10-D-6117-EX01

10B. DATED (SEE ITEM 13)

01-Jan-2013

CAGE CODE 518C1

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  is not extended. Offers 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 one (1) copy 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 ACKNOWLEDGEMENT 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)

SEE SECTION G

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: 52.243-2 'Changes-Cost Reimbursement'
- D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE PAGE 2

15A. NAME AND TITLE OF SIGNER (Type or print)

Jeanne Pitt, Contracts Director

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

/s/Jeanne Pitt  
(Signature of person authorized to sign)

16-Feb-2017

BY [Redacted]  
(Signature of Contracting Officer)

21-Feb-2017

NSN 7540-01-152-8070  
PREVIOUS EDITION UNUSABLE

30-105

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

**GENERAL INFORMATION**

The purpose of this modification is to increase the cost ceiling associated with SABRS Task, CLIN 7102 due to additional effort required to complete this task. [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED] Accordingly, said Task Order is modified as follows: A conformed copy of this Task Order is attached to this modification for informational purposes only.

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby [REDACTED]  
 [REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]  
 [REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

The Period of Performance of the following line items is hereby changed as follows:

CLIN/SLIN	From	To
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## SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4001	D399	Software Maintenance and Technical Support for the Command Financial Management System (CFMS) for the CNIC Enterprise for the period from 01 January 2013 through 31 December 2013. (O&MN,N)	1.0	LO	██████████	██████████	
4101	D399	Software Maintenance and Technical Support for the Command Financial Management System (CFMS) for the CNIC Enterprise for the period from 01 January 2014 through 31 December 2014. (O&MN,N)	1.0	LO	██████████	██████████	

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6001	D399	Travel in support of CLIN 4001 (O&MN,N)	1.0	LO	██████████
6002	D399	ODCS in support of CLIN 4001 (O&MN,N)	1.0	LO	██████████
6101	D399	Travel in support of CLIN 4101 (O&MN,N)	1.0	LO	██████████
6102	D399	ODCS in support of CLIN 4101 (O&MN,N)	1.0	LO	██████████

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7001	D399	Software Maintenance and Technical Support for the Command Financial Management System (CFMS) for the CNIC Enterprise for the period from 01 January 2015 through 31 December 2015. (O&MN,N)	1.0	LO	██████████	██████████	██████████
7101	D399	Services in accordance with the PWS. (O&MN,N)	1.0	LO	██████████	██████████	██████████
710101	D399	██████████ funding provided in support of CLIN 7101 (O&MN,N)					
7102	D399	SABRS Interface Development iaw PWS 3.16 (O&MN,N)	1.0	LO	██████████	██████████	██████████
710201	D399	Original Funding provided through document N0005216RC0002FP ██████████					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		(O&MN,N)					
710202	D399	Incremental Funding provided through document N0005217RC006FP [REDACTED] (O&MN,N)					
7103	D399	CFMS Support Services (O&MN,N)	1.0	LO	[REDACTED]	[REDACTED]	[REDACTED]
710301	D399	Funding in support of CLIN 7103 (O&MN,N)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9001	D399	Travel in support of CLIN 7001 (O&MN,N)	1.0	LO	[REDACTED]
9002	D399	ODCS in support of CLIN 7001 (O&MN,N)	1.0	LO	[REDACTED]
9101	D399	Travel in support of CLIN 7101 (O&MN,N)	1.0	LO	[REDACTED]
9102	D399	ODCs in support of CLIN 7101 (O&MN,N)	1.0	LO	[REDACTED]
9103	D399	Travel in support of 7102 and 7103 (O&MN,N)	1.0	LO	[REDACTED]
910301	D399	Funding provided in support of CLIN 9103 (O&MN,N)			
9104	D399	ODCs in support of CLIN 7102 and 7103 (O&MN,N)	1.0	LO	[REDACTED]
910401	D399	Funding in support of CLIN 9104 (O&MN,N)			

LEVEL OF EFFORT (COST TYPE CONTRACT)(JUN 1995)

(a) The level of effort for the performance of this task order during the period from the start of performance to twelve months thereafter is based upon [REDACTED] estimated manhours of direct labor. If all options are exercised by the government, the level of effort for the performance of this task order will be increased by an additional [REDACTED] manhours of direct labor, for a total level of effort of [REDACTED] estimated manhours of direct labor (hereinafter referred to as the "Estimated Total Hours").

(b) The estimated composition by labor category of the Estimated Total Hours is as follows:

Labor Category	Base	Opt I	Opt II	Opt III
Program Manager/SME	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Database Administrator/ System Administrator	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Software Engineer - Senior	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Software Engineer - Intermediate	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Admin Support	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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TOTAL HOURS

██████████ ██████████ ██████████ ██████████

\*Option III hours include the hours in support of both CLIN 7101, 7102 and 7103. It is estimated that ██████████ hours are in support of CLIN 7101, ██████████ hours are in support of CLIN 7102., and ██████████ hours for CLIN 7103

(c) The Estimated Total Hours include overtime\* and subcontracting hours but exclude holidays, sick leave, vacation days and other absences.

(d) The number of manhours expended per month shall be commensurate with the effort ordered and the required delivery date of such effort. The number of manhours expended per month may fluctuate in pursuit of the technical objective, provided that such fluctuation does not result in the utilization of the total manhours of effort prior to the expiration of the term thereof. The number of manhours for any labor category may be utilized by the contractor for any other labor category if necessary in performance of the contract.

(e) The contractor shall not be obligated to continue performance beyond the Estimated Total Hours, except that the Contracting Officer may require the contractor to continue performance in excess of the Estimated Total Hours until the total estimated cost has been expended. The government will not be obligated to pay fee on any hours expended in excess of the Estimated Total Hours. Any hours expended in excess of the Estimated Total Hours shall be excluded from all fee computations and adjustments. The Contracting Officer may also require the contractor to continue performance in excess of the total estimated cost until the Estimated Total Hours have been expended. In no event, however, will the Contracting Officer, pursuant to this paragraph (e), require the contractor to continue performance in excess of the Estimated Total hours if the Contracting Officer is requiring or has required the contractor to continue performance in excess of the total estimated cost. Nor will the Contracting Officer, pursuant to this paragraph (e), require the contractor to continue performance in excess of the total estimated cost if the Contracting Officer is requiring or has required the contractor to continue performance in excess of the Estimated Total Hours. The Contracting Officer may extend the period of performance in order to expend either the total estimated cost or the Estimated Total Hours. If this contract is subject to the Service Contract Act, in no event will the Contracting Officer, pursuant to this paragraph (e), extend the period of performance such that the period of performance, as extended, will exceed five years.

(f) If at any time during the performance of this task order the contractor expends in excess of 75% of the available estimated manhours of direct labor, the contractor shall immediately notify the Contracting Officer in writing. Nothing herein shall be construed to alter or waive any of the rights or obligations of either party pursuant to the clause entitled "Limitation of Cost" and/or "Limitation of Funds."

(End of Provision)

PAYMENT OF FIXED FEE (FEB 1996)

The fixed fee for work performed under this task order is ██████████ provided that approximately ██████████ hours of technical effort are employed by the contractor in performance of this task order. If substantially fewer than ██████████ hours of technical effort are employed, the fixed fee shall be equitably reduced to reflect the reduction of work. The Government shall make monthly payments of the fixed fee at the rate of ██████████ per direct labor hour invoiced by the contractor. All payments shall be in accordance with the provisions of FAR 52.216-8, "Fixed Fee," and FAR 52.216-7, "Allowable Cost and Payment." Payments shall be subject to the withholding provisions of Paragraph (b) of FAR 52.216-8, provided that the total of all such monthly payment shall not exceed eighty-five (85%) percent of the fixed fee. Any balance of fixed fee due the contractor shall be paid to the Contractor, and any over-payment of fixed fee shall be repaid to the Government by the Contractor, or otherwise credited to the Government at the time of final payment.

If the option periods are exercised, the level of effort and fixed fee will be adjusted to read as follows:

Level of Effort	Fixed Fee	Fixed Fee Payment Rate
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Option I [REDACTED] [REDACTED] [REDACTED]

Option II [REDACTED] [REDACTED] [REDACTED]

Option III, the total fixed fee amount is [REDACTED] (CLINs 7101, 7102, and 7103) and is paid at a rate of [REDACTED]

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## SECTION C DESCRIPTIONS AND SPECIFICATIONS

# Performance Based Work Statement for Maintenance of the Command Financial Management System (CFMS)

### 1.0 Background

Commander, Navy Installations Command (CNIC) is designated by The Chief of Naval Operations (CNO) as the Shore Readiness Integrator and single process owner for shore readiness. Our installations exist to deliver scalable, agile, and adaptive shore capabilities to meet the demand requirements of the Fleet, Fighter, and Family.

The Command Financial Management System (CFMS) was developed for the United States Navy (USFFC) in 1997 and was implemented at CNIC in 2004. CFMS is hosted by the US Navy (CNIC) at the Service Delivery Point (SDP) located in Norfolk, Virginia. The CFMS Continuity of Operations (COOP) site is located in the Grace Hopper Building, NAS North Island in San Diego, California. CFMS functionality includes budget formulation for civilian labor and non-labor; funds administration for the creation and management of funding allocation documents (operating budgets and operating targets), as well as the creation of encumbrance documents (i.e., NC 2276 Request for Contractual Procurement (RCP), MIPR, work requests, project orders); and, managerial analysis which includes reconciliation with STARS-FL, reporting, queries, data mining, business intelligence, general account reconciliation, and conducting the Tri-annual Review process. Over 2,900 registered users produce over 190,000 encumbrance documents each year, execute over 785,000 managerial reports, and produce over 26,000 funding allocation documents and amendments. CFMS is a mature system and approved by the Navy's Functional Area Manager, ASN (FMO). Its Authority to Operate (ATO) is valid until 18 August 2012 and the ATO is expected to be renewed for an additional three years.

### 1.1 Reference Documents

DoD Instruction and Guidance for the DIACAP process, latest versions  
DoD Directive 8500.1, Information Assurance (IA), October 2002  
DoD Instruction 8500.2, Information Assurance Implementation  
ISO 9000, Quality Management Systems -Fundamentals and Vocabulary, April 2001  
Di-IPSC-8 1442, Software Version Description  
DoN DIACAP Handbook, Version 1  
DoD Instruction 5400.16, DoD Privacy Impact Assessment (PIA) Guidance  
DoD Instruction 8520.2, Public Key Infrastructure and Public Key Enabling  
DoD Instruction 5400.11-R, Department of Defense Privacy Program

### 1.2 Technical Overview

CFMS is designed for reporting and managing the Command's financial resources and allows users to budget, manage, and expend financial resources. The application is sponsored by Commander, Navy Installations Command and is currently used by all activities reporting to the command.

CFMS data are accessed via a web browser using Secure Sockets Layer (SSL). Any user, with appropriate need to know, can be given access to the data. Access is controlled via the security capabilities of the Oracle Internet Directory. Users are given unique User IDs, permitted to load their DoD generated Public Key Infrastructure (PKI) certificates and granted access to specific system transaction processes. CFMS will run on any client machine with a CAC reader, connected to the Internet using any PKI-enabled web browser compatible with Internet Explorer 5.5 or higher, and configured to accept 128-bit encryption.

The CFMS system architecture consists of a multi-tiered application scheme, composed of Oracle Real Applications Clusters (clustered database with failover), Oracle Application Server (Web Logic, forms and reports) and Sun Java.. Existing Oracle Forms modules are planned to be retooled and replaced with J2EE. The application server is a load balanced web server farm that the CFMS client's web browser communicates with over HTTPS port 443 (SSL – Secure Sockets Layer) using PKI authentication. The application server product, in turn, communicates with the databases via SQL\*Net port 1521.

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Authentication to the CFMS application is handled through the use of Oracle Single Sign On (SSO) and client certificate verification, PKI. The CFMS Infrastructure currently verifies each user has a valid client certificate generated from an authorized certificate authority and authenticates the user based on that certificate. The authentication function is split from the main Oracle Application Server product, and is run on a separate infrastructure server. This infrastructure server is not currently served by the load balancer and maintains an HTTPS session directly with the CFMS client throughout sign on. Once sign on occurs, the sessions are handed off to the load balancer, which assumes SSL overhead and load balances the application sessions among the application server farm members.

Load balancing of the web application component is achieved through the use of two F5 Big IP 3400 load balancers, which has an SSL hardware acceleration module for encryption of traffic between client and CSS. The encrypted channel exists between the load balancer Internet-facing network adapter and the end user browser session. The associated client traffic between the application server and the CSS private facing network adapter is unencrypted HTTP.

The CFMS databases use a cluster file system which takes advantage of Network File System (NFS) protocol for concurrent file read / write access and locking mechanisms.

External interfaces and data flows include client access via HTTPS using CAC/PKI; outbound mail using SMTP; administrative access via HTTPS and CAC/PKI; SFTP (SSH) for outbound interface with STARS-FL and DRRS-N; web services (HTTPS) inbound for interface with NAVSUP's Fund Document Manager (FDM), CNIC's BI Tool, and CNIC's Enterprise Data Warehouse (EDW). The addition of other external interfaces is possible.

The following software is utilized in the maintenance of CFMS:

Oracle 11g RDBMS	Java Enterprise Edition (Java EE, J2EE)
Oracle Forms, Reports and Discoverer	Oracle Java Application Servers (OC4J/Weblogic)
HTML	Browser DOM
CSS	Java Script/Ajax
JQuery	JavaServer Pages
Java Servlets	Apache Struts
EJB	The Spring Framework
Hibernate	SOAP and REST Web Services in Java environment
PVCS/CVS/Subversion	Ant/Maven

The following software is utilized at the CFMS production site:

Redhat Enterprise Linux 5.8 - Application Servers
Redhat Enterprise Linux 5.8 - Database Servers
Oracle Fusion Middleware 11g
Oracle Enterprise Server 11.2.0.2
Oracle Clusterware 11.2.0.2
TAP 7.2.4
Oracle Internet Development Suite for Linux

The following application software is utilized in the PBIT and RAM toolsets:

Microsoft .Net 3.5 (ASP.NET/C#)
Visual Studio 2010 and Spread for ASP.Net (3rd party library)
Windows 2003 Server
SQL Server 2005

## **2.0 Scope**

The Department of the Navy is acquiring support for the management and maintenance of the CNIC CFMS; Microsoft .Net support to include the Program Budget Information System (PBIS) Issue Tracking (PBIT) application, Resource Allocation Management (RAM) application, and possible follow-on Microsoft .NET applications. Support tasks include system administration, database administration, configuration management,



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network engineering support, program management support, web service interfaces, general IT support related to supporting CFMS and the .NET applications, ensuring compliance with Information Assurance (IA) programs and objectives including Certification and Accreditation (C&A), general Microsoft Sharepoint server (MOSS 2007, 2010) support, and support for the maintenance, updating and enhancement of Government off the Shelf (GOTS) developed software for CFMS, PBIT and RAM. The primary effort of the contract is for the support and maintenance of CFMS. CFMS contains over 2,630,000 lines of code and 1,748 tables. The Enhanced Managerial Analysis (EMA) module within CFMS contains over 148,900 lines of code and 981 tables.

The RAM application serves two functional purposes. One, as the primary vehicle for collecting and processing unfunded requirements (midyear and end of year); and two, for processing CNIC Headquarters Program Director (PD) recommended fund issuances to the Regions. The RAM is used for Operation Maintenance & Navy (OMN), Operation Maintenance & Navy Reserves (OMNR), Other Procurement Navy (OPN) and Overseas Contingency Operations (OCO) issues. RAM has over 480 registered users.

PBIT is an application developed to assist with the adjudication of PBIS issues across the Regions and programs delineated by the Installation Management Accounting Project (IMAP). It also enables budget personnel and program personnel to allocate controls (funding) across programs to the supported Regions. PBIS data are uploaded into PBIT, and the application enables shared access between CNIC Program Directors and N8 financial personnel to modify and manage budget control data. Each has an opportunity to agree or disagree with changes to the budget controls. PBIT has over 90 registered users, and interfaces with CFMS via a web service.

RAM and PBIT are Microsoft .NET web applications written in ASP.NET/C# and run on Windows 2003 Server, using Microsoft IIS as the web server. Both applications are PKI-enabled, and for the database server they use SQL Server 2005. The hardware on which the operating systems are hosted is virtualized using VMware. This virtualized environment contains applications in addition to RAM and PBIT; these additional applications were developed and maintained under the direction of other CNIC departments. This entire virtualized environment is called the "Insight" suite of applications.

## 2.1 Contractor Roles and Responsibilities Summary

The Government will leverage existing network resources and IT support contracts. The Roles and Responsibilities section identifies services that the Government will provide and services for which the contractor shall be responsible. In the "Government" column of the following matrix, no differentiation will be made between actual Government personnel or existing support contractor personnel.

Roles and Responsibilities	Contractor	Government
<b>Hosting Facilities</b>		
Redundant access to the Internet		X
Network load balancing		X
Uninterrupted Power Supply (UPS)		X
Gigabit Ethernet		X
Data power center		X
Server infrastructure		X
<b>Database Services</b>		
Database software licenses (Navy – Oracle)		X
Backup and restore (SDP)		X
Disaster recovery – testing, planning, hot standby	X	
Database administration	X	

Database configuration	X	
Resolve IAVA and IAVB, Retina scans	X	
Apply patches, quarterly security patches	X	
Monitoring	X	
<b>Operations</b>		
24x7 operations and administration	X	
Hardware and software monitoring	X	
Patches and upgrades for operating system	X	
Provide development server infrastructure to approximately mirror the government production server infrastructure (see Figure 1 and section 1.3)	X	
Resolve IAVA and IAVB, Retina scans	X	
Ensure external system connectivity is maintained, monitored and provides notification for interruptions (NAVSUP FDM, STARS-FL, DRRS-N, all web services)	X	

### **3.0 Tasks**

**3.1** The contractor shall provide software maintenance and support for the CFMS, RAM, PBIT, and develop and maintain possible follow-on applications to support financial management across the CNIC Enterprise. The CNIC Enterprise currently includes 77 Installations across 11 Regions, and 122 products delivered across 31 programs. The products and programs are delineated by the Installation Management Accounting Project (IMAP - See Figure 2).

- Provide project management (including standalone and integrated MS Project plans) to ensure cost and schedule deadlines are met.
- Provide software support functions to include troubleshooting, correction of errors (bugs), analysis of data and data sources; provide on-call support as needed to include evenings, weekends and holidays.
- Provide training, as required, to government personnel consisting of financial systems analysts, program management personnel, and application users. Training will include classroom training and the production of learning materials.
- Participate in requirements gathering and analysis.
- Draft Software Requirements Specifications (SRS) for all projects; develop application code.
- Develop training materials, desk guides and software release notes as required.
- Maintain configuration management and version control for all supported financial management applications.
- Provide network engineering support to include system administration, data integrity and ensuring Information Assurance (IA) requirements are maintained; conduct system tests including contingency tests at the Continuity of Operations (COOP) site; upgrade operating system software, application software and databases as required or directed; ensure compliance with all IAVA, IAVB and Retina scans; conduct system backups; restore systems; interface maintenance and development including web services and SFTP with various DoD/DoN applications to include STARS-FL, NAVSUP FDM, DRRS-N, and the DESC Fuel Automated System (FAS).
- Participate and provide consultation to working groups established to collaboratively resolve financial

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management issues.

- Provide ad hoc reporting capabilities via Oracle Discoverer, Cognos and other Business Intelligence (BI) tools; provide expertise regarding the STARS-FL Query Management Facility (QMF) to facilitate data extraction and analysis used to support the CFMS Enhanced Managerial Analysis (EMA) module.
- Lead efforts for Certification and Accreditation (C&A) activities for each financial system application; provide C&A POAMs and maintain C&A scorecards; participate in C&A collaborative efforts with the Office of the Designated Approving Authority (ODAA) and CNIC N6 personnel.
- Determine and acquire all project resources necessary including personnel, computers, and materials (other than those delineated as Government furnished in this PWS).
- It will be necessary to provide additional SME support for COGNOS programming efforts, particularly for conversion from DISCOVERER to COGNOS.

**3.2** The contractor shall perform all System Administration (SA) functions for Linux, and all Database Administration (DBA) functions for Oracle 11g. The contractor shall provide network engineering support to include system administration, data integrity and ensuring Information Assurance (IA) requirements are maintained; conduct system tests including contingency tests at the Continuity of Operations (COOP) site; upgrade operating system software, application software and databases as required or directed; ensuring compliance with all IAVA, IAVB and Retina scans; conduct system backups; restore systems.

The contractor will also coordinate with the government to ensure production site software and hardware are supported by current maintenance agreements, and preventive maintenance is conducted on hardware.

The contractor will also develop and provide a recommended phased technology refreshment plan for the existing hardware at the production and COOP sites.

The contractor will ensure all interfaces remain operation, including web services and SFTP with various DoD/DoN applications to include STARS-FL, NAVSUP FDM, DRRS-N, and the DESC Fuel Automated System (FAS). The contractor will also have system monitoring and automatic notification in effect so as to promptly notify the SA and government personnel of interruptions.

**3.3** The contractor shall obtain and maintain read-only access to the following:

- DoN Application and Database Management System (DADMS)
- DoD IT Portfolio Registry (DITPR), including the DoN Registry (DITPR-DoN)

**3.4** The contractor shall provide a documented approach to comply with relevant Security Technical Information Guides (STIGs).

**3.5** The contractor shall provide its own development server infrastructure (and software) to approximately mirror the government production server infrastructure (see Figure 1). This is critical due to the employment of a multi-tiered application scheme, composed of Oracle Real Applications Clusters (clustered database with failover) and the Oracle Application Server (OC4J, forms and reports) at the production site. The development suite should mirror the production suite as close as possible, accounting for the Real Allocation Clusters (RAC), and to facilitate the efficient application of software upgrades in an environment where risk can be managed prior to deployment in production. The use of at least five servers for the operating system, database, and RAC should be considered as the minimum.

**3.6** The Norfolk SDP performs full system backups (Data and Operating System) weekly and incremental backups are done daily using VERITAS (version 7.11) software. The Norfolk SDP has installed a VERITAS client on all CFMS servers that connect to a primary backup server that is located in their datacenter. The clients run on a schedule configured by SDP technicians and send the backup data to the backup server which stores the data onto a robotic jukebox tape library. Every night, an incremental (delta) backup is performed against the most recent full backup. On Saturday, a new full backup is performed and copied to a separate tape so that on Monday, the tape copy containing the most recent backups for each server is brought out of the building and stored in a locked safe

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located off site. All system backups are saved for at least three months. Data included in the system backups are:

- The site specific host/security settings configuration files
- Site specific Oracle installation configuration files
- Oracle database export
- Oracle database hot back-up
- CFMS specific document images

For the contractor's (CFE) development infrastructure for CFMS and .Net applications, the contractor will conduct incremental backups on a daily basis and will perform full system backups on a weekly basis. Backup tapes are to be kept offsite, and tapes will be verified on a random basis and the results reported monthly to the government. The contractor will submit a data retention and backup plan as part of the proposal. Additionally, the contractor shall ensure the CFMS COOP site is kept on hot standby.

**3.7** The contractor will investigate any IAVA/B and will conduct testing in the contractor's development environment which approximately mirrors the government's production site. The contractor will provide an estimate of the time required to process the required actions to comply with the IAVA/B, and will implement corrective actions in the government's production environment after normal business hours, at a time and date to be determined by the government. Production downtime should be minimized, and employment of the COOP site may be required during periods of extended downtime.

**3.8** CFMS data are synchronized with the servers at the COOP multiple times each day (every 2 hours) so the COOP is on hot standby. There is a pre-determined lapse, such that the data between the sites may have at most a 2 hour variance.

The COOP backup procedure is similar to the production system at the Norfolk SDP, and is done to rapidly re-commission the servers. The contractor will ensure the synchronization of the production site to the COOP site is per existing design (hot standby), and will ensure backups are validated on a random basis and documentation is provided to the government.

The contractor is required, in conjunction with the government, to conduct a full COOP test each year and report compliance to CNIC CIO via the program manager.

**3.9** The contractor will develop Software Requirements Specifications (SRS) based on user input and will provide code modifications and enhancements based on the SRS. Development and testing will be conducted on the contractor's infrastructure prior to deployment on the production system.

**3.10** Reserved

**3.11** The Travel Order Program Application (TOPA) is an MS Access based application designed to generate evacuation travel orders for government personnel, military personnel and dependents. It is currently being assessed for conversion to the Microsoft .Net environment; therefore, experience with MS Access, Microsoft .Net, and Sharepoint server is required. Development and testing will be conducted on the contractor's infrastructure.

**3.12** The contractor will determine and acquire all project resources necessary including development, database and operating software (see section 1.1); File Transfer Protocol (FTP) software; version control software; project management software such as Microsoft Project; office productivity software such as Microsoft Excel, Microsoft Word, and Microsoft Access; laptops for contractor personnel; servers, routers, racks, UPS, switches, load balancer, and network appliances for its development infrastructure; backup software such as Veritas; and, backup media for its development infrastructure.

**3.13** The contractor should provide virtual real-time visibility into all systems, processes, services and data to ensure the quality of services delivered while maintaining clear and consistent communication with the Government. Irrespective of any Certification and Accreditation (C&A) processes, the government retains the right to perform independent assessments of objects (specifications, mechanisms, activities and individuals) within systems and services provided by the contractor. Specifications are document-based artifacts (e.g., policies, procedures, plans, system security requirements, functional specifications and architectural designs) associated with the information system. Mechanisms are the specific hardware, software, or firmware safeguards and countermeasures employed

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within an information system. Activities are the specific protection-related pursuits or actions supporting an information system that involve individuals. Individuals, or groups of individuals, are people applying the specifications, mechanisms, or activities described above. The government may use a number of assessment methods including examinations, interviews and tests of the aforementioned assessment objects. Additionally, assessment attributes, such as depth and coverage, will be determined by the government according to risk factors associated with the information requiring protection. The contractor should provide direct communication with appropriate support specialists in a timely manner to assist in resolution of all program management system problems.

**3.14** The contractor shall provide software version control tools, software, and processes to ensure the integrity of configuration management (CM).

**3.15** The contractor should provide a Service Level Agreement (SLA) equivalent to that offered for similar services within the commercial industry. The contractor should ensure greater than 98% service availability using a government-furnished high availability architecture (Real Allocation Clusters (RAC); locally redundant and multiple database, application and load balancers; mirrored storage; and, a hot standby database (Government COOP site) continuously synchronized with the production site), with identified protocol and process for communicating scheduled maintenance and planned outages. Coordination is required with the supporting Norfolk Service Delivery Point (SDP). Downtime should be scheduled late Friday evenings or on Saturdays as much as possible to reduce downtime for overseas customers.

**3.16** SABRS Interface development. The contractor will:

- Reengineer existing CFMS Document Request to accommodate data entry which aligns with SABRS Line of Accounting while continuing to align with STARS Line of Accounting for Prior Year processing. This Interim Operating Capability (IOC) state is mission critical to CNIC, without which our ability to successfully transition to SABRS is most assuredly in jeopardy.

- Create a new automated interface between CFMS and SABRS, the content of which is currently in development and not severable; again, mission critical.

- Create interface macros for specific purposes not covered in the automated interface identified above; again, in development and not severable.

- Create new Extract Translate and Load (ETL) process for loading SABRS data into CNIC EMA data warehouse to support IOC.

- Create/Modify designated CNIC CFMS/STARS-FL reports to operate in a CFMS/SABRS environment to support IOC.

- Provide Configuration Management Support for changes related to the CFMS SABRS Interface that is in compliance with CFMS Configuration Management Policies and Procedures.

- Modify CFMS Funds Grant module to generate/format authorization output to be used by SABRS interface macros.

- Provide System and Network Administration support for establishing connectivity and troubleshooting connectivity issues related to the CFMS SABRS inbound and outbound interfaces.

- Provide Information Assurance (IA) support for modifications made to the CFMS Certification and Accreditation package related to the CFMS SABRS interfaces.

- Provide audit support for changes made to CFMS Policies and Procedures related to the CFMS SABRS interfaces.

- Provide Project Management support for the development and implementation of the CFMS SABRS interfaces.

- Identify and begin the effort to modify all CFMS screens referencing Job Order Number and replace with SABRS Financial Indicator Pointer and associated data.

- Assist with technical writing and documentation related to SABRS transition.

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-Provide technical and functional support and transition strategy by participating in weekly meetings.

#### **4.0 Other Pertinent Information**

##### **4.1 Minimum Qualifications**

The Project Manager (PM)/Subject Matter Expert (SME) will have attained the PMI's Project Management Professional (PMP) certification; the certification should be current and registered on the Project Management Institute's Certification Registry.

Collectively, each member of the team must have a Bachelor's degree in computer science, engineering, information systems, information management or equivalent; the appropriate skill set, certifications, and work expertise and experience necessary to meet the specifications identified in this Performance Work Statement (PWS); demonstrated and documented/verifiable experience in designing and implementing systems of similar size and scope; familiarity and a strong understanding of security and configuration requirements of DoD and DoN; experience in best practices with regard to consulting, documentation, support, and training for government personnel.

Contractor personnel should have demonstrated experience, understanding, and familiarity with appropriations, appropriation concepts, basic appropriation law, the DoD budget process, flow of funds, incremental and full funding, allotment accounting, lines of accounting and associated data elements, civilian labor budgeting, non-labor budgeting, reimbursable orders, operating budgets, operating targets, accounting with regard to execution, the role of the Defense Finance and Accounting Service (DFAS), the Standard Accounting and Reporting System – Field Level (STARS-FL), STARS-FL execution codes, use of the STARS-FL Query Management Facility (QMF), suspense, exception processing, cost transfers, monthly closeout, month-plus processing, fiscal year-end closeout, new fiscal year startup, continuing resolutions and their impact, job order numbers (JON), JON rolls, the Installation Management Accounting Project (IMAP) and its relationship to CNIC's budgeting and accounting processes, the Navy's Program Budget Information System (PBIS), Privacy Act and Privacy Impact Assessments (PIA), as well as a documented plan to scan database tables for Personally Identifiable Information (PII). Contractor personnel should also have a general understanding of Standard Labor Data Collection and Distribution Application (SLDCADA) and Defense Civilian Pay System (DCPS), Work Year & Personal Cost (WYPC), Defense Travel System (DTS), Defense Energy Support Center (DESC) Fuel Automated System, working capital funds, and Total Workforce Management System (TWMS).

The contractor shall have demonstrated experience performing software maintenance. The majority of the software maintenance is for CFMS (Java, Oracle), and other applications (PBIT, RAM) are maintained using Microsoft .Net.

The Program Manager/SME should also have experience in the following areas:

- Leading at least one Defense Information Assurance Certification and Accreditation Process (DIACAP).
- Use and navigation of the DoN Application and Database Management System (DADMS)
- Use and navigation of the DoD IT Portfolio Registry and DoD IT Portfolio Registry – Department of the Navy (DITPR, DITPR-DON)
- The requirements of the Federal Information Security Management Act.
- The requirements of the Joint Interoperability Test Certification and waiver process.
- Submission requirements for the Navy Information Dominance Approval System (NAVIDAS)

The Software Engineers should also have experience in the following areas:

- The industry standard Simple Object Access Protocol (SOAP) over Hypertext Transfer Protocol Secure (HTTPS) with client certificate authentication, and experience working with Keystores, Apache Axis Jars, and DoD certificates.
- External interfaces and data flows include client access via HTTPS using CAC/PKI; outbound mail using SMTP; administrative access via HTTPS and CAC/PKI; SFTP (SSH) for outbound interface with STARS-FL and DRRS-N; web services (HTTPS) inbound for interface with WebOTF, CNIC's BI Tool, and CNIC's Enterprise Data Warehouse (EDW)

##### **4.2 Period of Performance (PoP)**

The base PoP for this task order is 1 January 2013-31 December 2013. The task order will also feature 2-one year

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options that follow consecutively after the base PoP.

### 4.3 Place of Performance

Support will be provided from government facilities to facilitate collaboration with the government team. The place of performance will be primarily at the US Naval Station in Norfolk, VA (Building Z-133), with the potential for occasional travel by the Systems Administrator to the Continuity of Operations (COOP) site in San Diego, CA. Additionally, support may be performed at various remote locations which may include shore enterprise facilities or commands throughout CNIC Regions and Installations, including overseas. Due to the interaction involved in a collaborative application support environment, telework/remote work for contractors is not permitted.

### 4.4 Hardware and Software Associated with CFMS

4.4.1 The Norfolk SDP will provide the physical and electrical support for the applications. Hardware at the CFMS production site (SDP Norfolk):

4 - Dell 1950 Servers
4 - Dell 6950 Servers
1 - NetApp Filer FAS3040
2 - F5 Big IP 3400 Load Balancers
2 - Dell Powerconnect 6224 Switches

Software at the production site:

Redhat Enterprise Linux 5.8 - Application Servers
Redhat Enterprise Linux 5.8 - Database Servers
Oracle Fusion Middleware 11g
Oracle Enterprise Server 11.2.0.2
Oracle Internet Development Suite for Linux

4.4.2 The COOP site in San Diego will provide the physical and electrical support for the disaster recovery functions. Hardware at the Continuity of Operations (COOP) site (NAS North Island):

4 - Dell R710 Servers

Software at the COOP site:

Redhat Enterprise Linux 5.8 - Application Servers
Redhat Enterprise Linux 5.8 - Database Servers
Oracle Fusion Middleware 11g
Oracle Enterprise Server 11.2.0.2
Oracle Internet Development Suite for Linux

4.4.3 CNIC will provide hardware and connections for the Navy Marine Corps Intranet (NMCI) or NGEN, as applicable. Hardware and connections for NMCI Science and Technology (S&T) seats may be provided by the government based on an ongoing review of Information Assurance (IA) requirements. The contractor will use its own laptops and VPN software to connect to their software development suite via Cox Internet, at the contractor's expense. Desks, telephones and other office machines such as copiers, scanners, and facsimile machines are available for use.

4.4.4 Source code, ERDs and documentation for the CFMS, RAM and PBIT applications will be furnished.

### 4.5 Security Requirements

The contractor personnel performing under this task order will be U.S. Citizens and are required to obtain/retain a Secret security clearance. Work will range from Unclassified to Secret.

Contractors are required to obtain a government Common Access Card (CAC) as well as obtaining a vehicle pass for access to DoD installations. Contractor personnel must comply with all security and Information Assurance (IA)

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requirements, including completion of annual IA training and other government directed training.

## ACCESS TO DOD IT SYSTEMS

In accordance with SECNAV M-5510.30, contractor employees who require access to DoN or DoD networks are categorized as IT-I, IT-II, or IT-III. The IT-II level, defined in detail in SECNAV M-5510.30, includes positions which require access to information protected under the Privacy Act, to include Protected Health Information (PHI). All contractor employees under this contract who require access to Privacy Act protected information are therefore

categorized no lower than IT-II. IT Levels are determined by the requiring activity's Command Information Assurance Manager. Contractor employees requiring privileged or IT-I level access, (when specified by the terms of the contract) require a Single Scope Background Investigation (SSBI) which is a higher level investigation than the National Agency Check with Law and Credit (NACLIC) described below. Due to the privileged system access, a SSBI suitable for High Risk public trusts positions is required. Individuals who have access to system control, monitoring, or administration functions (e.g. system administrator, database administrator) require training and certification to Information Assurance Technical Level 1, and must be trained and certified on the Operating System or Computing Environment they are required to maintain. Access to sensitive IT systems is contingent upon a favorably adjudicated background investigation. When access to IT systems is required for performance of the contractor employee's duties, such employees shall in-process with the Navy Command's Security Manager and Information Assurance Manager upon arrival to the Navy command and shall out-process prior to their departure at the completion of the individual's performance under the contract.

### 4.6 Hours of Operation

The customer's hours of operation are between 0730 and 1700 EST, Monday through Friday. If the contractor requires working outside of these hours, they should coordinate with the Government representative to ensure access is available. The contractor must obtain approval from the Government prior to working hours in excess of those awarded under the task order. It may be necessary for the contractor to provide occasional after-hours and on-call support to all customers, particularly during peak periods such as budget submissions, fiscal year-end closeout and the beginning of the fiscal year. This must be coordinated with TOM/COR.

The following is a list of holidays observed by the Government:

New Year's Day - 1 January  
Martin Luther King Jr. Day - Third Monday in January  
President's Day - Third Monday in February  
Memorial Day - Last Monday in May  
Independence Day - 4 July  
Labor Day - First Monday in September  
Columbus Day - Second Monday in October  
Veteran's Day - 11 November  
Thanksgiving Day - Fourth Thursday in November  
Christmas Day - 25 December

If any of the above holidays occur on a Saturday or a Sunday, then such holiday shall be observed by the Contractor as observed by the Government employees.

### 4.7 Travel and ODCs

The contractor may be required to travel to Washington, DC, supporting Regions, Installations or government hosting facilities. The contractor travel shall be consistent with the amounts and limitations specified in the Joint Travel Regulation (JTR). Prior to the commencement of travel, the contractor should obtain written approval from the TPOC or COR, or his/her representative, and provide substantiating documentation within 10 working days upon completion of travel. A trip report summary is also required to be submitted to the TPOC. Travel documentation shall contain all receipts regardless of dollar value and be accompanied by an explanation (Excel spreadsheet) of all charges.

ODCs are to include costs related to task 3.5 above.

### 5.0 Deliverables



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Description	Performance Threshold	Method of Surveillance	Addressees	Due Date
Weekly Project Status Briefings	Zero deficiencies in submission time	100% Inspection	COR/TOM	Weekly
Travel documentation	Zero deficiencies	Periodic Inspection	COR/TOM	Submitted with monthly invoice following completion of travel
MS Project Plans with milestones, WBS and deliverables	Zero deficiencies	100% Inspection	COR/TOM	Prior to project commencement and approved by COR/TOM
Software Requirements Specifications (SRS)	Zero deficiencies	100% Inspection	COR/TOM	Prior to project commencement and approved by COR/TOM
Release Notes	Zero deficiencies	100% Inspection	COR/TOM	Prior to project commencement and approved by COR/TOM
Invoicing, including hours worked and cost incurred	Zero deficiencies	100% Inspection	COR/TOM	Monthly
System Status Report (system availability); results of system backup tape verification	Zero deficiencies	100% Inspection	COR/TOM	Monthly
Budget, execution, and analysis reports	Zero deficiencies	100% Inspection	COR/TOM	Monthly
Personally Identifiable Information (PII) scan results	Zero deficiencies	100% Inspection	COR/TOM	Monthly

**6.0 Performance Standards**

<b>Performance Element</b>	<b>Performance Requirement</b>	<b>Surveillance Method</b>	<b>Frequency</b>	<b>Acceptable Quality Level</b>
Contract Deliverables	Contract deliverables furnished as prescribed in the PWS, attachments, CDRLs, Task Orders, etc., as applicable.	Inspection by the COR	100% inspection of all contract deliverables.	>95% of deliverables submitted timely and without rework required.
Overall Contract Performance	Overall contract performance of sufficient quality to earn a Satisfactory (or higher) rating in the COR's annual report on Contractor Performance	Assessment by the COR	Annual	All performance elements rated Satisfactory (or higher)
Invoicing	Monthly invoices per contract procedures are timely and accurate.	Review & acceptance of the invoice	Monthly	100% accuracy

**7.0 Points of Contact (POCs)**

**Technical Point of Contact:**

████████████████████  
 1837 Morris Street, Bldg Z-133 St. 200  
 Norfolk, VA 23511

**WAWF Acceptor:**

████████████████████  
 1837 Morris Street, Bldg Z-133 St. 200  
 Norfolk, VA 23511

**Contracting Officer's Representative (COR)/ Task Order Manager (TOM) :**

████████████████████  
 1837 Morris Street, Bldg Z-133 St. 200

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Norfolk, VA 23511

[REDACTED]  
[REDACTED]

**Contracting Office POC:**

[REDACTED]  
[REDACTED]  
[REDACTED]

REIMBURSEMENT OF TRAVEL COSTS (OCT 1998)

(a) Travel

(1) Area of Travel. Performance under this contract may require travel by contractor personnel. If travel, domestic or overseas, is required, the contractor is responsible for making all needed arrangements for his personnel. This includes but is not limited to the following:

Medical Examinations  
Immunization  
Passports, visas, etc.  
Security Clearances

All contractor personnel required to perform work on any U.S. Navy vessel will have to obtain boarding authorization from the Commanding Officer of the vessel prior to boarding.

(2) Travel Policy. The Government will reimburse the contractor for allowable travel costs incurred by the contractor in performance of the contract and determined to be in accordance with FAR subpart 31.2, subject to the following provisions:

Travel required for tasks assigned under this contract shall be governed in accordance with rules set forth for temporary duty travel in FAR 31.205-46.

(3) Travel. Travel, subsistence, and associated labor charges for travel time are authorized, whenever a task assignment requires work to be accomplished at a temporary alternate worksite.

Travel performed for personal convenience and daily travel to and from work at contractor's facility will not be reimbursed.

(4) Per Diem. Per diem for travel on work assigned under this contract will be reimbursed to employees consistent with company policy, but not to exceed the amount authorized in the Department of Defense Joint Travel Regulations.

(5) Shipboard Stays. Whenever work assignments require temporary duty aboard a Government ship, the contractor will be reimbursed at the per diem rates identified in paragraphs C8101.2C or C81181.3B(6) of the DOD Joint Travel Regulations, Volume 2.

(6) Air/Rail Travel. In rendering the services, the contractor shall be reimbursed for the actual costs of transportation incurred by its personnel not to exceed the cost of tourist class rail, or plane fare, to the extent that such transportation is necessary for the performance of the services hereunder and is authorized by the Ordering Officer. Such authorization by the Ordering Officer shall be indicated in the order or in some other suitable written form.

NOTE: To the maximum extent practicable without the impairment of the effectiveness of the mission, transportation shall be tourist class. In the event that only first class travel is available, it will be allowed, provided justification therefore is fully documented and warranted.

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(7) Private Automobile. The use of privately owned conveyance within the continental United States by the traveler will be reimbursed to the contractor at the mileage rate allowed by Joint Travel Regulations. Authorization for the use of privately owned conveyance shall be indicated on the order. Distances traveled between points shall be shown in standard highway mileage guides. Any deviations from distance shown in such standard mileage guides shall be explained by the traveler on his expense sheet.

(8) Car Rental. The contractor shall be entitled to reimbursement for car rental, exclusive of mileage charges, as authorized by each order, when the services are required to be performed outside the normal commuting distance from the contractor's facilities. Car rental for TDY teams will be limited to a rate of one car for every four (4) persons on TDY at one site.

(End of Provision)

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## **SECTION D PACKAGING AND MARKING**

All Deliverables shall be packaged and marked IAW Best Commercial Practice.

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## **SECTION E INSPECTION AND ACCEPTANCE**

### **INSPECTION AND ACCEPTANCE (SERVICES) (OCT 1992)**

Inspection and acceptance of services to be furnished hereunder shall be made, upon completion of the services, by the requiring activity.

(End of Provision)

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## SECTION F DELIVERABLES OR PERFORMANCE

The periods of performance for the following Items are as follows:

4001	1/1/2013 - 12/31/2013
4101	1/1/2014 - 12/31/2014
6001	1/1/2013 - 12/31/2013
6002	1/1/2013 - 12/31/2013
6101	1/1/2014 - 12/31/2014
6102	1/1/2014 - 12/31/2014
7001	1/1/2015 - 12/31/2015
7101	1/1/2016 - 12/31/2016
7102	5/5/2016 - 4/30/2017
7103	1/1/2017 - 4/30/2017
9001	1/1/2015 - 12/31/2015
9002	1/1/2015 - 12/31/2015
9101	1/1/2016 - 12/31/2016
9102	1/1/2016 - 12/31/2016
9103	1/1/2017 - 4/30/2017
9104	1/1/2017 - 4/30/2017

## CLIN - DELIVERIES OR PERFORMANCE

The periods of performance for the following Items are as follows:

4001	1/1/2013 - 12/31/2013
4101	1/1/2014 - 12/31/2014
6001	1/1/2013 - 12/31/2013
6002	1/1/2013 - 12/31/2013
6101	1/1/2014 - 12/31/2014
6102	1/1/2014 - 12/31/2014
7001	1/1/2015 - 12/31/2015
7101	1/1/2016 - 12/31/2016
7102	5/5/2016 - 4/30/2017
7103	1/1/2017 - 4/30/2017
9001	1/1/2015 - 12/31/2015
9002	1/1/2015 - 12/31/2015
9101	1/1/2016 - 12/31/2016
9102	1/1/2016 - 12/31/2016
9103	1/1/2017 - 4/30/2017
9104	1/1/2017 - 4/30/2017

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Services to be performed hereunder will be provided across the CNIC Enterprise (various locations).

DELIVERY OF DATA (FISC DET PHILA) (OCT 1992)

Place and time of delivery of data shall be as specified on the DD Form 1423 (Contract Data Requirements List) which is an exhibit to this contract, unless delivery is deferred at the Government's option by written order of the Contracting Officer.



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## SECTION G CONTRACT ADMINISTRATION DATA

### 252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (JUN 2012)

(a) Definitions. As used in this clause--

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall--

(1) Have a designated electronic business point of contact in the Central Contractor Registration at <https://www.acquisition.gov>;and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

Cost Voucher

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

N00052

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table – N00178-10-D-6117/EX01

<i>Field Name in WAWF</i>	<i>Data to be entered in WAWF</i>
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Pay Official DoDAAC	N68732
Issue By DoDAAC	N00189
Admin DoDAAC	N00189
Inspect By DoDAAC	N00052
Ship To Code	N00052
Ship From Code	N/A
Mark For Code	N/A
Service Approver (DoDAAC)	N/A
Service Acceptor (DoDAAC)	N00052
Accept at Other DoDAAC	N/A
LPO DoDAAC	N00052
DCAA Auditor DoDAAC	
Other DoDAAC(s)	

.....

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the "Send Additional Email Notifications" field of WAWF once a document is submitted in the system.



(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.



(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

SECURITY ADMINISTRATION (FISC DET PHILA) (OCT 1992)

The highest level of security that will be required under this contract is SECRET as designated on DD Form 254 attached hereto and made a part hereof.

The facilities to be utilized in the performance of this effort have been cleared to SECRET level.

PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (52.204-9) (JAN 2011)

(a) The Contractor shall comply with agency personal identity verification procedures identified in the contract that implement Homeland Security Presidential Directive-12 (HSPD-12), Office of Management and Budget (OMB) guidance M-05-24, and Federal Information Processing Standards Publication (FIPS PUB) Number 201.

(b) The Contractor shall account for all forms of Government-provided identification issued to the Contractor employees in connection with performance under this contract. The Contractor shall return such identification to the

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issuing agency at the earliest of any of the following, unless otherwise determined by the Government;

- (1) When no longer needed for contract performance.
- (2) Upon completion of the Contractor employee's employment.
- (3) Upon contract completion or termination.

(c) The Contracting Officer may delay final payment under a contract if the Contractor fails to comply with these requirements.

(d) The Contractor shall insert the substance of clause, including this paragraph (d), in all subcontracts when the subcontractor's employees are required to have routine physical access to a Federally-controlled facility and/or routine access to a Federally-controlled information system. It shall be the responsibility of the prime Contractor to return such identification to the issuing agency in accordance with the terms set forth in paragraph (b) of this section, unless otherwise approved in writing by the Contracting Officer.

(End of Clause)

Accounting Data

SLINID	PR Number	Amount
4001	N0005212RCX02FP [REDACTED]	
LLA :		
AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q		

BASE Funding [REDACTED]  
Cumulative Funding [REDACTED]

[REDACTED]

4001	N0005212RCX02FP [REDACTED]	
LLA :		
AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q		

6001	N0005213RCX02FP [REDACTED]	
LLA :		
AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q		

6002	N0005213RCX02FP [REDACTED]	
LLA :		
AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q		

MOD 01 Funding [REDACTED]  
Cumulative Funding [REDACTED]

MOD 02

4001	N0005212RCX02FP [REDACTED]	
LLA :		
AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q		

6001	N0005213RCX02FP [REDACTED]	
LLA :		
AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q		

6002	N0005213RCX02FP [REDACTED]	
LLA :		
AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q		

MOD 02 Funding [REDACTED]  
Cumulative Funding [REDACTED]

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MOD 03

4001 N0005212RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

6001 N0005213RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

6002 N0005213RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

MOD 03 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 04

4001 N0005212RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

6001 N0005213RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

6002 N0005213RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

MOD 04 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 05

4001 N0005212RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

6001 N0005213RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

6002 N0005213RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

MOD 05 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 06

4101 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

6101 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

6102 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

MOD 06 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

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MOD 07

4101 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

6101 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

6102 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

MOD 07 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 08

4101 N0005214RC013FP [REDACTED]  
 [REDACTED]  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

6101 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

6102 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

MOD 08 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 09

4101 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

MOD 09 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

[REDACTED]

4101 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

6102 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

7001 N0005215RC007FP [REDACTED]  
 LLA :  
 AC 1751804 52FA 251 00052 0 068732 2D C007FP 000525CM403Q

9001 N0005215RC007FP [REDACTED]  
 LLA :  
 AC 1751804 52FA 251 00052 0 068732 2D C007FP 000525CM403Q

9002 N0005215RC007FP [REDACTED]  
 [REDACTED]  
 AC 1751804 52FA 251 00052 0 068732 2D C007FP 000525CM403Q

MOD 10 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

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MOD 11

7001 N0005215RC007FP [REDACTED]  
 LLA :  
 AC 1751804 52FA 251 00052 0 068732 2D C007FP 000525CM403Q

9001 N0005215RC007FP [REDACTED]  
 LLA :  
 AC 1751804 52FA 251 00052 0 068732 2D C007FP 000525CM403Q

9002 N0005215RC007FP [REDACTED]  
 LLA :  
 AC 1751804 52FA 251 00052 0 068732 2D C007FP 000525CM403Q

MOD 11 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 12

4001 N0005212RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

4101 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

6001 N0005213RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

6002 N0005213RCX02FP [REDACTED]  
 LLA :  
 AA 1731804 52FA 252 00052 0 068732 2D CX02FP 000523CMQA1Q

6101 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

6102 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

710101 N0005216RC002FP [REDACTED]  
 LLA :  
 AD 1761804 52FA 257 00052 0 068732 2D C002FP  
 Cost Code: 000526CM403P

9101 N0005216RC002FP [REDACTED]  
 LLA :  
 AD 1761804 52FA 257 00052 0 068732 2D C002FP  
 Cost Code: 000526CM403P

9102 N0005216RC002FP [REDACTED]  
 LLA :  
 AD 1761804 52FA 257 00052 0 068732 2D C002FP  
 Cost Code: 000526CM403P

MOD 12 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 13

710101 N0005216RC002FP [REDACTED]  
 LLA :  
 AD 1761804 52FA 257 00052 0 068732 2D C002FP  
 Cost Code: 000526CM403P

9101 N0005216RC002FP [REDACTED]  
 LLA :

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AD 1761804 52FA 257 00052 0 068732 2D C002FP  
 Cost Code: 000526CM403P

MOD 13 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 14

4101 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

6101 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

6102 N0005214RC013FP [REDACTED]  
 LLA :  
 AB 1741804 52FA 252 00052 0 068732 2D C013FP 000524CM403Q

7001 N0005215RC007FP [REDACTED]  
 LLA :  
 AC 1751804 52FA 251 00052 0 068732 2D C007FP 000525CM403Q

710101 N0005216RC002FP [REDACTED]  
 LLA :  
 AD 1761804 52FA 257 00052 0 068732 2D C002FP  
 Cost Code: 000526CM403P

9001 N0005215RC007FP [REDACTED]  
 LLA :  
 AC 1751804 52FA 251 00052 0 068732 2D C007FP 000525CM403Q

9002 N0005215RC007FP [REDACTED]  
 LLA :  
 AC 1751804 52FA 251 00052 0 068732 2D C007FP 000525CM403Q

MOD 14 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 15

710101 N0005216RC002FP [REDACTED]  
 LLA :  
 AD 1761804 52FA 257 00052 0 068732 2D C002FP  
 Cost Code: 000526CM403P

7102 N0005216RC002FP [REDACTED]  
 LLA :  
 AD 1761804 52FA 257 00052 0 068732 2D C002FP  
 Standard Number: N0005216RC002FP  
 Cost Code: 000526CM403P

9101 N0005216RC002FP [REDACTED]  
 LLA :  
 AD 1761804 52FA 257 00052 0 068732 2D C002FP  
 Cost Code: 000526CM403P

9102 N0005216RC002FP [REDACTED]  
 LLA :  
 AD 1761804 52FA 257 00052 0 068732 2D C002FP  
 Cost Code: 000526CM403P

MOD 15 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 16 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

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MOD 17

710301 N0005217RC006FP

LLA :

AE 1771804 52FA 257 00520 056521 2D CMW1FU

Standard Number: N0005217RC006FP

Cost Code: 05217RC006FP

910301 N005217RC006FP

LLA :

AE 1771804 52FA 257 00520 056521 2D CMW1FU

Standard Number: N005217RC006FP

Cost Code: 05217RC006FP

910401 N0005217RC006FP

LLA :

AE 1771804 52FA 257 00520 056521 2D CMW1FU

Standard Number: N0005217RC006FP

Cost Code: 05217RC006FP

MOD 17 Funding

Cumulative Funding

MOD 18

710201 N0005216RC002FP

LLA :

AD 1761804 52FA 257 00052 0 068732 2D C002FP

Standard Number: N0005216RC002FP

Cost Code: 000526CM403P

710202 N0005217RC006FP

LLA :

AE 1771804 52FA 257 00520 056521 2D CMW1FU

Standard Number: N0005217RC006FP

Cost Code: 05217RC006FP

710301 N0005217RC006FP

LLA :

AE 1771804 52FA 257 00520 056521 2D CMW1FU

Standard Number: N0005217RC006FP

Cost Code: 05217RC006FP

MOD 18 Funding

Cumulative Funding



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## SECTION H SPECIAL CONTRACT REQUIREMENTS

### LIMITATION OF LIABILITY - INCREMENTAL FUNDING (NAVSUP 5252.232-9400) (JAN 1992)

Option II is incrementally funded and the amount currently available for payment hereunder is limited to [REDACTED] inclusive of fee. It is estimated that these funds will cover the cost of performance through 31 December 2015. Subject to the provisions of the clause entitled "Limitation of Funds" (FAR 52.232-22) of the General Provisions of this task order, no legal liability on the part of the Government for payment in excess of [REDACTED] shall arise unless additional funds are made available and are incorporated as a modification to this task order.

As a result of Modification 11, Option II is hereby fully funded.

### APPOINTMENT OF CONTRACTING OFFICER'S REPRESENTATIVE (FISC DET PHILA) (OCT 1992)

(a) The Contracting Officer hereby designates the following individual as Contracting Officer's Representative(s) (COR) for this task order:

[REDACTED]  
1837 Morris Street, Bldg Z-133 St. 200  
Norfolk, VA 23511  
[REDACTED]  
[REDACTED]

(b) In the absence of the COR named above, all responsibilities and functions assigned to the COR shall be the responsibility of the alternate COR acting on behalf of the COR. The Contracting Officer hereby appoints the following individual as the alternate COR:

\* \_\_\_\_\_

NAME CODE

\_\_\_\_\_

MAIL ADDRESS

\_\_\_\_\_

TELEPHONE NUMBER

\* To be determined at a later date.

(c) The COR will act as the Contracting Officer's representative for technical matters, providing technical direction and discussion as necessary with respect to the specification or statement of work, and monitoring the progress and quality of contractor performance. The COR is not an Administrative Contracting Officer and does not have authority to take any action, either directly or indirectly, that would change the pricing, quantity, quality, place of performance, delivery schedule, or any other terms and conditions of the task order, or to direct the accomplishment of effort which goes beyond the scope of the statement of work in the task order.

(d) It is emphasized that only a Contracting officer has the authority to modify the terms of the task order, therefore, in no event will any understanding, agreement, modification, change order, or other matter deviating from the terms of the basic task order between the contractor and any other person be effective or binding on the Government. When/if, in the opinion of the contractor, an effort outside the existing scope of the task order is requested, the contractor shall promptly notify the PCO in writing. No action shall be taken by the contractor under such direction unless the PCO or ACO has issued a contractual change or otherwise resolved the issue.

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## **SECTION I CONTRACT CLAUSES**

### **OPTION TO EXTEND THE TERM OF THE CONTRACT (FAR 52.217-9) (MAR 2000)**

- (a) The Government may extend the term of this task order by written notice to the Contractor within 7 days prior to the end of the period of performance; provided, that the Government gives the Contractor a preliminary written notice of its intent to extend at least 15 days before the task order expires. The preliminary notice does not commit the Government to an extension.
- (b) If the Government exercises this option, the extended task order shall be considered to include this option clause.
- (c) The total duration of this task order, including the exercise of any options under this clause, shall not exceed four years.

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## **SECTION J LIST OF ATTACHMENTS**

- 1) DD254 - Department of Defense Contract Security Classification Specification
- 2) Quality Assurance Surveillance Plan (QASP)
- 3) Contract Administration Plan (CAP) for Cost Type Task Orders
- 4) Figure 1 - CFMS Architecture
- 5) Figure 2 - Installation Management Accounting Project (IMAP)