AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES	
J	1	27

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO.(If applicable)
05	11-Jul-2014	SEE SCHEDULE	

6. ISSUED BY CODE W56HZV

INSTAL & VEHICLE SUP CONTRACTING DIV
6501 E. 11 MILE ROAD
WARREN MI 48397-5000

7. ADMINISTERED BY (If other than item 6) CODE W56HZV

INSTAL & VEHICLE SUP CONTRACTING DIV
MELISSA BAYS
CCTA-HDC-A/MS 350
MELISSA.C.BAYS.CIV@MAIL.MIL
WARREN MI 48397-5000

8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)

UNIFIED BUSINESS TECHNOLOGIES, INC.
MICHELLE D'SOUZA
353 INDUSCO COURT SUITE C
TROY MI 48083-4646

CODE 3XMH1 FACILITY CODE 3XMH1

	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MOD. OF CONTRACT/ORDER NO. W56HZV-11-D-L555-T026
X	10B. DATED (SEE ITEM 13) 14-Sep-2013

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 Offer ☐ is extended, ☐ 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)

See Schedule

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: FAR 43.103(a)
	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.)
Modification Control Number: baysm14584

Modification: 05 to W56HZV-11-D-L555-T026
Reference Purchase Request: 0010555364
The purpose of this modification is the following:
1. SUBCLIN 3000AM has been added and funded for mandatory training.
2. Section 1.4. of the Performance Work Statement was been added to explain the training requirements.
3. The total contract value is increased by $906.00, from $2,249,688.72 to $2,250,594.72.
4. All other terms and conditions of the contract, except those addressed by modification, remain unchanged and in full force and effect.

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) JOHN SARTI / CONTRACTING OFFICER TEL: 586-282-6524 EMAIL: john.m.sarti2.civ@mail.mil	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY John Sarti (Signature of Contracting Officer)	16C. DATE SIGNED 11-Jul-2014

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been modified:
PERFORMANCE WORK STATEMENT

ILSC- IT Services – Information Assurance, Application and Migration support

A. Purpose:

1. The implementation of the ILSC Information Management Office (IMO) has increased mission workload, requiring additional information technology support, over and above the current level of Government personnel. Shortfalls occurring in mission work load include: business process analysis to eliminate duplicate and incompatible applications, standardization of business processes and applications on a single hardware/software platform, technical documentation of systems/applications, Business Supportability planning in the event of an emergency, and implementation of standardized IA practices, DIACAP, IA controls and Security Technical Implementation Guides (STIGS) as required by Department of Army (DA) and Department of Defense (DOD) directives.

2. The DOD Information Assurance Certification and Accreditation Process (DIACAP) is a dynamic, IA Certification and Accreditation (C&A) process that supports and complements the net-centric, Global Information Grid (GIG) based environment. The DIACAP establishes a standard process for: identifying, implementing and validating IA controls; authorizing the operation of DOD information systems and managing an IA posture across the DOD information systems life cycle. The ILSC-Warren requires contract services and IA expertise to meet DA directives and milestones in support of IA and DIACAP.

3. Information Assurance activities in support of Certification & Accreditation (C&A), DOD Information Assurance Certification and Accreditation Process (DIACAP) support. Systems/applications support and sustainment which includes support for the migration and modernization of applications, for US Army TACOM-ILSC. In support of each of the Task Description sections below (1 through 9) the contractor shall provide all documents, diagrams, and other artifacts required to support the subject system accreditation IAW DoDi 8510.01 DIACAP.

B. Skill Sets and Labor Hours by Project:

1. Information Technology Support:

Skill Sets	Est. Hours	Cost/Hr	Total Costs	Task #s	Mission
a. Software Architect	1920	$83.23	$159,801.60	2.0 All	IA/DIACAP
b. Software Architect	504	$83.23	$41,947.92	2.0 All	IA/DIACAP
c. WEB Designer	1900	$44.66	$ 84,841.20	1.0 All	WEB Design
d. Systems Engineer	504	$94.70	$ 47,728.80	1.0 All	Technical Analysis
e. Systems Engineer	5760	$94.70	$545,472.00	1.0 All	Technical Analysis
Training			$ 906.00		
Total:			$880697.52		

2. Safety of Use Message System (SOUM)

Skill Sets	Est. Hours	Cost/HR	Total Costs	Task #s	Mission
f. Software Architect	1920	$83.23	$159,801.60	3.0 All	Modernization/Sustainment

3. NAMI Application and Migration Support:

Skill Sets	Est. Hours	Cost/Hr	Total Costs	Task #s	Mission
g Software Architect	1920	$83.23	$159,801.60	4.0 All	Technical Analysis

4. MICAS Application and Migration Support:

Skill Sets	Est. Hours	Cost/Hr	Total Costs	Task #s	Mission
h. Systems Engineer	3840	$94.70	$363,648.00	5.0 All	Sustainment

5. ARTIS Application and Migration Support:

Skill Sets	Est. Hours	Cost/Hr	Total Costs	Task #s	Mission
i. Software Architect	2664	$83.23	$221,724.72	6.0 All	Sustainment
j. Software Engineer	1176	$94.70	$111,367.20	6.0 All	Sustainment
Total:	3840		$333,091.92		

6. TACOM SKOT Group:

Skill Sets	Est. Hours	Cost/Hr	Total Costs	Task #s	Mission
k. Systems Engineer	1920	$94.70	$181,824.00	7.0, 8.0	Appl Mnt Spt & Dev
kl. Systems Engineer	960	$94.70	$90,912.00	7.0, 8.0	Appl Mnt Spt & Dev
Total:	2880		$272,736.00		

7.0 Critical Mission Management System for TACOM LCMC

Skill Sets:	Est Hrs	Cost /Hr	Total Cost	Task #s	Mission
m. Software Architect	960	$83.23	$79,900.80	9.0 All	CMMT

TOTAL COSTS on Task order

Skill Sets	Est. Hours	Cost/HR	Total Costs
WEB Designer:	1920	$44.66	$ 85,747.20
Software Architect:	10024	$83.23	$ 834,297.52
Systems Engineer:	13656	$94.70	$ 1,293,223.20
Total:	**25600**		**$2,213,267.92**

C. CORs and COTRs for each project have been assigned by Appointment Letter from the Contracting Officer.

D. Description of Task Requirements:

1.0. Web Content Management and Application Support: The Contractor shall perform technical writing, design and application/system support for the ILSC to enable the integration of IT into the LCMC business processes IAW Basic contract PWS C.5.15.1 and C.5.4.

1.1. The Contractor shall provide technical writing and Web Designer services to design, develop, publish, update and maintain technical and functional requirements documents, web pages, presentations, briefings, manuals, user training and systems documentation that support the TACOM LCMC mission. The government will provide the specifications for the format of web tools within 3 days of contract award. All documentation shall comply with CDRL A015, Software Documentation, under the authority of DID DI- IPSC-81756, due 30 days before contract end-date. The Contractor may use his own format or modify the DOD format, with the COTR's approval.

1.2. The Contractor shall review, advise, design, develop, update and maintain web pages for the ILSC IAW the Basic Contract PWS C.5.15.1 and C.5.4. All web pages shall be in compliance with section 508 standards. All findings shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001. The first Report shall be due forty-five (45) calendar days after contract award, with subsequent Reports due every 30 days thereafter. All documentation shall comply with CDRL A015, Software Documentation, under the authority of DID DI-IPSC-81756, due 30 days before contract end-date. The Contractor may use his own format for the Monthly Contract Progress report or modify the DOD format, with the COTR's approval.

1.3. The contractor shall support systems/applications, including support for migration, modernization and information assurance controls, in environments such as; ColdFusion, .NET, SharePoint, HTML, etc.

1.4 The government will provide specified training in Sharepoint and Infopath that will enhance the contractors ability to support ILSC application/systems.

2.0. DoD Information Assurance Certification and Accreditation (DIACAP): The objective of this task is to implement and support the Information Assurance, IA, certification and accreditation (C&A) of information systems within the TACOM LCMC ILSC organization, using the standard TACOM /ILSC DIACAP Business process and the standard TACOM ILSC

document templates IAW Basic Contract PWS paragraphs C.5.8.

2.1. The Contractor shall have a comprehensive knowledge of National, DOD and DA regulatory policies relating to IA, Communications Security (COMSEC), Public Key infrastructure (PKI), DOD IT Security C&A Process, DIACAP, and IAVA in order to ensure compliance in accordance with AR 25-2. The Contractor shall have expert knowledge of Best Business Practices (BBP) in support of the Certification and Accreditation (C&A) of information systems IAW C.5.8.

2.2. The Contractor shall perform the following four (4) reviews and evaluations for all DoD Information Systems owned by TACOM LCMC ILSC, IAW Section C.5.8 of the Basic Contract PWS. The Contractor shall submit, in MS Word format, a Monthly Contract Progress, Status and Management Report, in accordance with the Contract Data Requirements List (CDRL) A001 and DID number DI- MGMT-80227 for all tasks outlined in task 2 of this task order. The first report shall be due forty-five (45) days after contract award, with subsequent reports due every 30 days thereafter with all findings organized by system name and type of review performed. The Contractor shall list his findings, recommend an appropriate corrective action, and analyze the level of risk to the Government if no correction is made. Documents shall be uploaded into the CIO document repository located in SharePoint.

2.2.1. SCGs and STIG compliance: The Contractor shall analyze and recommend to the Government if the TACOM LCMC ILSC Systems assigned for review comply with appropriate Security Configuration Guidelines (SCGs) and Security Technical Implementation Guide (STIGs), as issued by Defense Information Systems Agency, DISA, and in accordance with DODI 8500.2 Information Assurance. All findings shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, DID number DI- MGMT-80227. After approval from the COTR, the Contractor shall evaluate DOD Security Technical Implementation Guides (STIGS) and DOD directives, as required under AR25-2 and DODI 8500.2. The Contractor shall update the documentation for the assigned TACOM LCMC ILSC system with the STIG update upon approval of the system owner. The Government will provide to the Contractor a list of ILSC owned Information Systems and associated Systems Documentation within five (5) days of the assignment of that system by the COTR to the Contractor. The Government will provide the systems access and user rights to the Contractor.

2.2.2. DIACAP and CON compliance: The Contractor shall analyze and recommend to the Government if TACOM LCMC ILSC systems are Certified and Accredited under DIACAP and have a Certificate of Networthiness (CON), as required by AR25-2, DODI 8510.1. DOD Information Assurance Certification and Accreditation Process (DIACAP); DODI 8500.1. Information Assurance; and DODI 8500.2. Information Assurance (IA) Implementation. All findings shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, DID number DI-MGMT-80227. The contractor shall provide all documents, diagrams, and other artifacts required to support system accreditation IAW DoDI 8510.01 DIACAP.

2.2.3. System Documentation: The Contractor shall review and provide comments to all existing and current TACOM LCMC ILSC System's Documentation, including, user instructions, standard operating procedures (SOPs), IT/Business Contingency Plans and Disaster Recovery Plans, for errors and deficiencies IAW section C.5.8.1 of the Basic Contract PWS.

2.2.4. System Change Impacts: The Contractor shall review all planned system changes to ascertain the Information Assurance (IA) impact on that system; including interfaces and integration with other systems IAW C.5.8 and C.5.4.13 of the Basic PWS. The Government will furnish all planned System Changes and System Documentation to the Contractor for assessment of IA impact, no later than three (3) days after that Application/System Change. Contractor shall report all system changes, impact statements, and document updates in the Monthly Contract Progress, Status and Management Report, IAW CDRL A001. The first Report shall be due 45 calendar days after contract award, with subsequent Reports due every 30 days thereafter. The Contractor may use his own format or modify the DOD format, with the COTR's approval.

2.3. Configuration Management Maintenance.

2.3.1. The Contractor shall participate in NEC Configuration Control Board meetings to provide information on new software and hardware requirements for ILSC owned applications/systems IAW Basic Contract PWS C.1.17-C.1.17.8 & C.5.2.9. The Contractor shall be prepared to explain and defend the configuration requirements for projected ILSC software and hardware configurations. The system owner shall provide the Contractor with all software and hardware requirements for each ILSC owned applications/systems.

2.4 Information Assurance Support

2.4.1 The Contractor shall perform actions required by TACOM IAM and ILSC IASO personnel in tasks supporting DOD and Dept of the Army Information Assurance requirements outlined in AR25-1, AR 25-2, DODi 8510.01, DODD 8500.1, DODD 8500.2, DOD 8570.01-M. (e.g - IAVA Patch Management, View Event Log, Virus Detection and Containment, Classified Spillage response, System Identification and Containment, STIGs, Gold Disk Scans and mitigation, Stand Alone Retina Scanning, Contractor support for DIACAP and Change Management.)

3.0 The Safety of Use Message Automated Management System (SOUM-AMS)

3.1 Background:

3.1.1. The Safety of Use Message Automated Management System (SOUM-AMS) is being created to automate the Safety of Use Message process. The current manual process is time consuming and resource intensive. This process has a direct impact on the safety of troops in the field.

3.2 SOUM-AMS Modernization

3.2.1 Revisions to Cascading Style Sheet(s) and HTML to make SOUM-AMS compatible with Internet Explorer 9.0 (N+1, N-1).

3.2.2 The contractors shall provide Administrative features that support user self-service and reduced CIO sustainment efforts. The government will provide the specifications to the contractor for development as feedback from the production system becomes available.

3.2.3 The contractor shall address or implement new requirements or functionality.

3.3 SOUM-AMS Application Build and Test: The Contractor shall analyze and resolve all defects assigned by the COTR prior to delivery as referenced in CDRL A004 Software Test Plan, under the authority of DI-IPSC-81438A.and Basic Contract PWS C.5.5.2 and C.5.12 and C.5.4.3 Acceptance of delivery shall be complete 30 days prior to contract expiration IAW CDRL A010, Computer Software Product, under the authority of DID DI-IPSC-81488.

3.4 SOUM-AMS Sustainment

3.4.1 System Maintenance: The Contractor shall perform routine system maintenance and administration tasks IAW Basic Contract PWS C.5.4. The Contractor shall review, analyze and conduct continuous process improvements and perform functionality fixes/ security updates. The COTR will be responsible for establishing a timeframe for completion of the code fixes. All software code for the SOUM- AMS System shall be IAW CDRL A010, Computer Software Product, under the authority of DID DI-IPSC-81488, paragraph 4.0, Source Coding and due to the COTR 360 days after contract award. All actions shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001. The first Report shall be due 45 calendar days after contract award, with subsequent Reports due every 30 days thereafter. The Contractor may use his own format for the Monthly Contract Progress report or modify the DOD format, with the COTR's approval.

3.4.2 The contractor will incorporate changes, updates and corrections to workflow per ILSC feedback and in compliance with the AR 750-6. The workflow will be tracked and managed by the TACOM LCMC SOUM Team. The Government will provide any revisions to AR 750-6 as they become available.

3.4.3 System Documentation: The Contractor shall update the SOUM-AMS documentation to include the help file, database model, requirements document, 508 documentation and project plan IAW section C.5.4.3, C.5.4.6 and C.5.4.13 of the Basic Contract PWS. All SOUM-AMS System Documentation shall be IAW CDRL

A015, Software Documentation, and due to the COTR no later than 20 September 2014. All actions shall be reported in the Monthly Contract Progress, Status and Management Report (Report) IAW CDRL A001. The first Report shall be due forty-five (45) calendar days after contract award, with subsequent Reports due every 30 days thereafter. The Contractor may use his own format or modify the DOD format, with the COTR's approval.

3.4.4 Training: The Contractor shall provide continuous process improvement, customer service, technical information and training assistance IAW C.5.4 of the Basic Contract PWS. The format of the training shall be one on one with the customers and/or Train-the-Trainer and will be provided as necessary. Training documentation shall be IAW CDRL A011, Software User manual, under the authority of DID DI- IPSC-81443A. All actions shall be reported in the Monthly Contract Progress, Status and Management Report (Report), CDRL A001. The first Report shall be due forty-five (45) calendar days after contract award, with subsequent Reports due every 30 days thereafter. The Contractor may use his own format or modify the DOD format, with the COTR's approval.

3.4.5. Defects: The Contractor shall provide software code updates for all COTR approved software defect fixes IAW the Basic Contract PWS paragraph C.5.4.3 and the Government's Change Management System. All software code updates shall be IAW CDRL A010, Computer Software Product, under the authority of DID DI-IPSC-81488, paragraph 4.0, Source Coding, and due 360 days after task order award. The Government COTR will be responsible for establishing a timeframe for completion of the code fixes. All actions shall be reported in the Monthly Contract Progress, Status and Management Report (Report), CDRL A001. The first Report shall be due forty-five (45) calendar days after contract award, with subsequent Reports due every 30 days thereafter. A defect is defined as: the application does not perform according to requirement specifications.

3.4.6. Database Upgrades: The Contractor shall make database changes that are necessary to sustain the SOUM-AMS IAW Basic Contract PWS C.5.2.6. All software code shall be IAW CDRL A010, Computer Software Product, under the authority of DID DI-IPSC-81488, paragraph 4.0, Source Coding, and due 360 days after contract award. All actions shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001. The first Report shall be due forty- five (45) calendar days after contract award, with subsequent Reports due every 30 days thereafter.

3.4.7. SOUM-AMS Project Plan and Weekly Updates: In accordance with CDRL A005 and DIDs DI-MGMT-80507C, the Contractor shall develop a Baseline Project Plan for the tracking and execution of approved system/software changes IAW C.5.4.2. The Government will review Baseline Project Plan 30 days from contract award. The Contractor shall update the Project Plan every 30 days after the acceptance of the baseline Project Plan by the COTR.

3.4.8. SOUM-AMS Code Check-In: The Contractor shall deposit the latest

code utilizing GFE provided software tool/repository and in accordance with GFI standard operating procedure (SOP) for version control, check in/checkout, IAW Basic Contract paragraph C.5.3.10.2, and C.5.4.11. The Contractor shall review source code with the COTR on a monthly basis, by the 20th of each month, with the final source code checked in NLT 11 Sep 2014.

4.0. NAMI Application and Migration Support:

4.1 **Background**: A requirement exists for continuing sustainment for NAMI WBT and SDR processing utilizing an online server application to be supported at the Warren site. This solution must be capable of supporting a data feed from the DoD WebSDR application. Failure to sustain/maintain will result in complete work stoppage and the perpetual backlog of the NAMI SDR process, directly impacting all component services, Army Single Stock Fund (SSF) Tactical/Non-Tactical units, LCMCs and DoD Depots, leaving these customers with no venue to report and resolve supply discrepancies and their financial implications. Public interface of entering SDRs will not be available at TACOM.

4.2 Requirements/System Documentation: The Contractor shall maintain technical documentation on the existing processes, interfaces, and environment for each of the applications and web based bridges as described in the Basic Contract IAW C.5.4.3, C.5.4.6 and C.5.4.13. Deliverable: Systems Documentation of the "AS IS" environment will be maintained. No work will be performed on proposed changes until COTR approves. All System Documentation shall be in accordance with CDRL A015 Software Documentation, and due to the COTR 30 days after completion.

4.3 Sustainment Support Tasks:

4.3.1 Contractor shall perform COTR approved proposed changes identified in the systems documentation listed in Basic PWS C.5.4, C.5.4.2, C.5.4.3, C.5.4.4 C.5.4.6. On all major changes to NAMI WBT, contractor shall create a MS Project Plan with timeline for completion of proposed changes within 15 days of approved systems documentation by the COTR. The MS Project Planning Chart shall be in accordance with CDRL A005, Project Planning Chart and DIDS DI-MGMT-80507A. The Contractor shall use the DoD format or modify the DOD format, with the COTR's approval. The first Project Planning chart shall be provided to the Government COTR within forty-five (45) days after contract award, with subsequent updates every 30 days thereafter.

4.3.2 Contractor shall use existing App Infrastructure enterprise services support of Oracle, MS SQL server, Moveit, and ColdFusion. The contractor shall deliver all software code for the NAMI System IAW CDRL A010, Computer Software Product, under the authority of DID DI-IPSC-81488, paragraph 4.0, Source Coding and due to the COTR 45 days after contract award

in government specified format.

4.3.4 The contractor shall provide support of the NAMI application bridges that have a web front-end and pull data from the mainframe to the Warren environment those being: PC to sector Mainframe; NAMI IOTS and NAMI NATS IAW C.5.4. The contractor shall provide support and maintain the NAMI WBT application bridges between the mainframe and the Warren environment. The Contractor shall maintain the existing interfaces which include: CCSS, DoD Web SDR, and LMP IAW C.5.4 and C.5.4.3.1. Contractor shall include in the MS Project Plan the timeline to changes to these application bridges as well. All technical information shall be documented in accordance with the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI- MGMT-80227(T), due 45 days after contract award, then every 30 days thereafter. Contractor shall use the DoD format or modify DOD's format, with the COTR's approval. All timelines for modernization/sustainment changes will be in the Project Planning Chart in accordance with CDRL A005 Project Planning Chart and DIDS DI-MGMT-80507A. The Contractor shall use the DoD format or modify the DOD format, with the COTR's approval. The first Project Planning chart shall be provided to the Government COTR within forty-five (45) days after contract award, with subsequent updates every 30 days thereafter.

4.3.5 Contractor shall maintain AKO SSO, CAC and CAC with capability of VeriSign CAC.

4.3.6 Contractor shall work with App Infrastructure team to maintain and sustain the file structure to record relationship for associated files for WBT on TACOM NAS or file storage server as defined in the Basic Contract PWS C.5.3.10.2 and C.5.2.17. All findings shall be reported in the Monthly Contract Progress, Status and Management Report CDRL A001. The Contractor shall use the Monthly Contract Progress report or modify the DOD format, with the COTR's approval. The contractor shall sustain the current application and initiate developmental efforts for implementing the DLMS X12 protocol language.

4.3.7 Contractor shall work with government personnel to transition systems by migrating data and applications from NAMI WBT to TACOM system interfaces defined by COTR. Contractor will provide close out actions of WBT and any data cleansing when completed. Information shall be documented in accordance with the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI- MGMT-80227(T), due 45 days after contract award, then every 30 days thereafter.

5.0 Mobility Inventory Control Accountability System (MICAS), TACOM LCMC:

5.1 Scope of Program: The contractor shall perform design, documentation, and application /system support for the MICAS system IAW PWS C.5.5, C.5.4, C.5.4.3, and C.5.4.11. The contractor shall provide sustainment and maintenance support for the most current version of the MICAS web application so that

the application remains operational, accessible and fully functional at all times. The contract shall support MICAS in environments such as C#, ASP.NET MVC 4+,, and SQL programming languages. Resources should also be proficient in Microsoft SQL Server database management studio, Microsoft SSRS and database administration. Production environment for MICAS is located on DISA servers and requirement is to move code into the production environment via access to the DISA servers.

5.2 Programming Standards and Procedures: The contractor shall adhere to all government programming standards and procedures as defined in PWS C.5.4.11.

5.2.1. Programming Standards: Contractor shall adhere to all programming standards as outlined in the Microsoft General Reference for the .NET Framework. The contractor shall also adhere to all other programming standards as set forth by the Government as defined in PWS C.5.4.11 and any additional programming standards as set forth in the MICAS Application Lifecycle Management (ALM) procedures. The Government will provide ALM procedures and programming standards as they relate to the MICAS project 15 days after contract award.

5.2.2. Source Code Modifications: The contractor shall adhere to the MICAS ALM process when making any changes to any source code, database, or configuration related to MICAS IAW C.5.4.3, C.5.4.6, and C.5.4.7. This includes providing the level of effort (LOE) estimates for the Government to prioritize prior to making changes to the source code. The Government has the right after review, to question the LOE and/or reply with revised LOE hours. The contractor shall provide comments on source code modifications. Contractor shall also complete source code modification documentation upon completion of all source code modifications and post to the MICAS System Change Request (SCR) Tracking System located on SharePoint. The Government will provide access to all software systems and documentation required for MICAS ALM compliance within 5 days of contract award. All technical information shall be documented in accordance with the Computer Software Product, CDRL A010, under authority of DI-IPSC-81488. All source code must be compatible with current programming content and accessible to the Government via the Software Configuration Management tool specified in the MICAS ALM procedures, and due 30 days before contract end date.

5.2.3. Application Build and Test: Contractor will maintain Systems Documentation of the “AS IS” environment. No work will be performed on proposed changes until COTR approves, via the MICAS ALM process. All System Documentation shall be in accordance with CDRL A015, Software Documentation, and due to the COTR 30 days after completion. Acceptance of programming code shall be complete 30 days prior to contract expiration IAW CDRL A010, Computer Software Product, under the authority of DI-IPSC-81488. The Contractor shall maintain documentation on the existing processes, interfaces,

and environment for each of the applications and web- based bridges as described in the Basic Contract IAW C.5.4.3, C.5.4.6, & C.5.4.13.

5.2.4. Source Code Deployments: The contractor shall obtain Government approval before deploying source code to any operating environment. Contractor will provide an estimate of the Level of Effort (LOE) that the work will require. The Government has the right after review, to question the LOE and/or reply with revised LOE hours. Deployment tracking documentation shall be completed and provided to the Government before approval via the Build Tracking Share Point List before deployment can occur IAW C.5.4.4, C.5.4.5, and C.5.4.7. The Government will provide access to the Build Tracking System within 5 days of contract award. All technical information shall be documented in accordance with the Technical Reports-Study, CDRL A002, under authority of DI-MISC-8080508A within 10 days of deployment schedule. The Contractor may use his own format or modify the DOD format, with the COTR's approval.

5.2.5 Scalability: The contractor shall report to the Government potential and current shortfalls regarding scalability of MICAS. The contractor shall make recommendations to ensure production applications will be stable and available, as high volumes of new customers are added, IAW C.5.4.4 of the Basic PWS. All actions shall be reported in the Monthly Functional, Technical and Status Reports, CDRL A001. The Contractor may use his own format for CDRL A001 or modify the DOD format, with the COTR's approval. The first reports shall be due forty-five (45) calendar days after contract award, with subsequent updates due every 30 days thereafter.

5.2.6 Defects: A defect is defined as: the application does not perform according to requirement specifications. The Contractor shall analyze and resolve all defects assigned by the COTR prior to delivery as referenced in CDRL A004 Software Test Plan, under the authority of DI-IPSC-81438A and Basic Contract PWS C.5.5.2, C.5.12, and C.5.4.3. Contractor will provide an estimate of the Level of Effort (LOE) that the work will require. The Contractor shall provide software code updates for all COTR approved software defect fixes IAW the Basic Contract PWS paragraph C.5.4.3 and the Government's Software Configuration Management tool specified in the MICAS ALM procedures. All software code updates shall be IAW CDRL A010, Computer Software Product, under the authority of DID DI-IPSC-81488, paragraph 4.0, Source Coding. All source code updates must also be compatible with current programming content and accessible to the Government via Software Configuration Management tool specified in the MICAS ALM procedures. The Government COTR will be responsible for establishing a timeframe for completion of the code fixes and communicating that timeframe to the Contractor. All actions shall be reported in the Monthly Contract Progress, Status and Management Report (Report), CDRL A001. The first Report shall be due forty-five (45) calendar days after contract award, with subsequent Reports due every
30 days thereafter.

5.3 DIACAP and CON Compliance: The Contractor shall analyze and make recommendations to the Government regarding MICAS and its Certification and Accreditation under DIACAP. The Contractor will provide support to Government personnel in maintaining a Certificate of Networthiness (CON) for MICAS, as required by AR25-2, DODI 8510.1. DOD Information Assurance Certification and Accreditation Process (DIACAP); DODI 8500.1. Information Assurance; and DODI 8500.2. Information Assurance (IA) Implementation. All findings shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, CDRL A002. The contractor shall provide all documents, diagrams, and other artifacts required to support system accreditation IAW DoDi 8510.01 DIACAP.

5.4 Technical Documentation: This section is IAW C.5.4.13 and C.5.4.2 of the Basic PWS. The Contractor shall develop the technical documentation for the functionalities/ modules of the MICAS applications. This documentation outline shall include all of the MICAS database design, database structure, field and table descriptions and relationship in accordance with CDRL A015, Software Documentation, under the authority of DID DI-IPSC-81756 and is due 30 days prior to contract end date. The Contractor may use his own format for technical documentation or modify the DOD format, with the COTR's approval. All documentation, plans, and outlines shall be reported in the Monthly Functional, Technical and Status Reports, CDRL A001. The Contractor may use his own format for CDRL A001 with the COTR's approval. The first reports shall be due forty-five (45) calendar days after contract award, with subsequent updates due every 30 days thereafter.

5.5 Project Plan and Weekly Updates: In accordance with CDRL A005 and DIDs DI- MGMT-80507C, the Contractor shall develop a Baseline Project Plan for the tracking and execution of approved system/software changes IAW C.5.2.9 and C.5.4.1. The Government will review Baseline Project Plan 30 days from contract award. The Contractor shall update the Project Plan every 30 days after the acceptance of the baseline Project Plan by the COTR.

6.0 ARTIS Sustainment, migration and modernization

6.1 ARTIS Web

6.1.1. ARTIS Web is a suite of applications and tools which provides ILSC employees and senior management with the ability to analyze, submit, and track logistical, financial, and supply data. Included is the capability to display Performance Metrics Data. Finally, it serves as a repository of historical Legacy data that is to be kept available IAW DODI4010.1.M - Central Secondary Item Stratification (CSIS) Manual, DODI 4104.1.R Requirements "Super Regulation" AR710-1.

6.2. TACOM Application Suite: The Contractor shall maintain server and web-based databases, user interfaces, and distributed components that aid the logistics functions of the TACOM LCMC. This includes, but is not limited to queries/ utilities that

comprise the ARTIS Web Pages and sub applications which reside under the servers in which compose ARTIS accreditation. (e.g. AP&AS, LTC Tracking, No Max Qty LTC, Ob Plan, Urgency Worksheet, Price and Credit, Donations, OLS/STROLS, NSNMDR Viewer, Supply and Maintenance Cost Analysis Tool, ILSP). The contractor shall provide sustainment and maintenance support for the most current version of the ARTIS Web Pages and sub application so that the application suite remains operational, accessible and fully functional at all times. The Contractor shall implement software changes as defined in the Basic Contract PWS C.5.2 and C.5.4, for the successful performance of the existing application. All system updates and routine maintenance actions shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI- MGMT-80227(T). The Contractor may use his own format or modify the DOD format, with the COTR's approval. Report is due to the COTR, 45 days after contract award with updates submitted every 30 days thereafter.

6.2.1 Information Assurance Support and Documentation: The contractor shall provide all documents, diagrams, and other artifacts required to support system accreditation IAW DoDi 8510.01 DIACAP and C.5.4.11. All documentation, plans, and outlines for ARTIS Sustainment, migration and modernization shall be reported in the monthly functions, technical and status reports, CDRL A001, CDRL A002, Technical Reports- Study, DI-MISC-80508, CDRL A015, Software Documentation, DI-IPSC-81756, or CDRL A010, Computer Software Product, DI-IPSC-81488 as required.

6.3. Decision Support Systems. The Contractor shall design, monitor, document and enhance processes for extraction and transformation of data from Microsoft Office applications using VBA or .NET programming lanuages. Applications corporate line of business and legacy applications into data warehouses and data marts that aid structured querying and analysis using Business Intelligence tools IAW C.5.4.6. The Government will determine which Business Intelligence tools are utilized and the Contracting Officer's Representative (COTR) has approval rights as to such.

6.4. Microsoft Office Programming: The Contractor shall develop special Microsoft Office applications using VBA or .NET programming languages utilizing compliant Microsoft Office Version deployed within the TACOM LCMC databases and server environment. Applications shall include spreadsheets or Word Documents that contain macros to simplify the document use and validation IAW C.5.4.3. All of these applications created for this task shall receive approval by the COTR prior to implementation.

6.5. Database Administration and Support: The Contractor shall provide database support to the database administrator for the Government regarding TACOM managed Oracle and SQL databases for applications and decision support systems at TACOM LCMC IAW C.5.2. The Contractor shall ensure all back- up and recovery procedures are in place such that there should be no loss of data in the event of any hardware or software failure.

6.6. Web Application Development: The Contractor shall program web-interface

services for maintenance requirements for TACOM applications for the Government. Primary skills required would be to support .NET applications running in a Windows server environment.

6.7. Application Interoperability: The Contractor shall provide configuring and programming expertise for TACOM applications that require transferring data or managing processes that involve more than one application IAW C.5.6. The COR shall determine the appropriate IT tools to be used in accomplishing this task prior to implementation. To include but not limited to data transfers between SAP and TACOM reporting databases and internal TACOM database transfers.

6.8 Other Specific Support Tasks by Application

6.8.1. Obligation Plan Tracking System: The application requires at least one manual input plus the output of a Budget Strat run to populate various data elements in the application. The contractor shall identify and document these potential manual intervention/processes so as to be repeatable for any contractor employee to perform. This documentation shall be a deliverable and can be in the form of a desk procedure or any other format the contractor deems sufficient for any person to sit down and follow the procedure to a successful result.

6.8.2. Price and Credit: The application requires a series of inputs and outputs to populate various data elements in the application. These inputs and outputs may possibly require some manual intervention/processes before the data can be input or output. The contractor shall identify and document these potential manual intervention/processes so as to be repeatable for any contractor employee to perform. All documentation, plans, and outlines shall be reported in the Monthly Functional, Technical and Status Reports, CDRL A001. The Contractor may use his own format for CDRL A001 or modify the DOD format, with the COTR's approval. The first reports shall be due forty-five (45) calendar days after contract award, with subsequent updates due every 30 days thereafter.

6.8.3. Supply and Maintenance Cost Analysis Tool (SMCAT): This application requires a series of inputs and outputs to populate various data elements in the application. These inputs and outputs may possibly require some manual intervention/processes before the data can be input or output. The contractor shall identify and document these potential manual intervention/processes so as to be repeatable for any contractor employee to perform with the goal to fully automate the process. This documentation shall be a deliverable, in accordance with CDRL A011, Software User Manual, DI-IPSC-81443A, the first reports shall be due forty-five (45) calendar days after contract award, with subsequent updates due every 30 days thereafter and can be in the form of a desk procedure or any other format the contractor deems sufficient for any person to sit down and follow the procedure to a successful result. The Contractor shall monitor the SMCAT business processes, website

metrics, and key performance indicators to ensure accurate reporting outputs.

Task 7.0. SKOT Group Application Maintenance and Support: The Contractor shall provide application maintenance and support for the Warranty and Replacement web application including the Tool Warranty, Tool Replacement, First Source, Reset, Retrofit, Tool Store and Field Feedback websites and accompanying databases, as defined in the Basic Contract PWS C.5.4. The Contractor shall implement software changes as defined in the Basic Contract PWS C.5.4, for the successful performance of the existing application. All system updates and routine maintenance actions shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI- MGMT-80227(T). The Contractor may use his own format or modify the DOD format, with the COTR's approval. Report is due to the COTR, 45 days after contract award with updates submitted every 30 days thereafter.

7.1. The Contractor shall troubleshoot system response and abnormalities and shall recommend solutions to system level issues as defined in the Basic Contract PWS C.5.4. All findings and recommendations shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI-MGMT-80227(T). The Contractor may use his own format or modify the DOD format, with the COTR's approval. Report is due to the COTR, 45 days after contract award with updates submitted every 30 days thereafter.

7.2. The Contractor shall correct and document system defects and bugs, to include modifications to system data and the graphic user interface as defined in the Basic Contract PWS C.5.4. All programming code shall be in compliance with CDRL A010, Computer Software Product – Source Coding, under the authority of DID DI-IPSC-81488. All systems documentation and updates shall be in accordance with CDRL A015, Software Documentation, under the authority of DID DI-IPSC-81756. The Contractor may use his own format or modify the DOD format, with the COTR's approval. All findings, system updates, and routine maintenance actions shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI-MGMT-80227(T). The Contractor may use his own format or modify the DOD format, with the COTR's approval. Report is due to the COTR, 45 days after contract award with updates submitted every 30 days thereafter.

Task 8.0. SKOT Group Application Sustainment: The Contractor shall design, test and field to production updates and enhancements to the TACOM Tools Group Warranty and Replacement web application IAW Basic Contract PWS C.5.4. The application shall be maintained in accordance with the Defense Information Systems Agency (DISA) Application Security and Development Security Technical Implementation Guide (STIG) and CDRL A010, Computer Software Product, under the authority of DID DI-IPSC- 81488 paragraph 4.0, Source Coding, due 1 June 2014. The Contractor may use his own format or modify the DOD format, with the COTR's approval. The Contractor shall report all actions in the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI- MGMT-80227(T). Report is due 45 days after contract award, then every 30 days thereafter. Contractor may use his own format for this report, or modify

DOD's format, with the COTR's approval.

8.1 Application Maintenance

8.1.1 The Contractor shall maintain the capability for users to reverse application task processes/workflows. The Contractor shall identify and program for all workflow states that may be suitably undone and appropriate states to which the workflows can be reset.

8.1.2 The Contractor shall populate all fields of the downloadable DD Form 448 (Military Interdepartmental Purchase Request) where applicable data exists.

8.1.3 The Contractor shall maintain mechanisms for users to execute a mass upload/update of application data including tool sets, retrofits, pictures, and yearly price changes.

8.1.4 The Contractor shall update daily, weekly and monthly system messages/notifications.

8.2 Reporting and Data Analysis

8.2.1 The Contractor shall monitor the executive digital dashboard to monitor business processes, website metrics, and key performance indicators.

8.2.2 The Contractor shall generate interactive and printable reports of application data sets.

8.2.3 The Contractor shall integrate legacy application data into historical reports.

8.3 Technology Refresh

8.3.1 The Contractor shall research Object-Relational Mapping (ORM) frameworks for the Microsoft .NET platform and advise on products' suitability for inclusion into the project. The Contractor shall update the application using the framework chosen by the COTR.

8.3.2 The Contractor shall update the application to remain compatible with latest approved versions of supported technologies including .NET, SQL Server, and ComponentArt.

8.4. Software Requirements Specification (SRS): The Contractor shall maintain and update the existing Software Requirements Specification, with any changes to the TACOM Tools Group Warranty and Replacement program, by the 30th of the each month, in accordance with CDRL A007, DID DI- IPSC-81439, Software Requirements Specification (SRS) as defined in the Basic Contract PWS C.5.4.6. Contractor shall use his own format after approval from the COTR. Government shall provide existing SRS within 5 days of

contract award.

8.5. Software Design Description (SDD): The Contractor shall maintain and document the software system design for Task 7.0 & 8.0, in accordance with CDRL A003, Software Design Description, under the authority of DIDs: DI-IPSC-81435A, due 360 days from contract award date as defined in the Basic Contract PWS C.5.4.6. The Contractor may use his own format or modify the DOD format, with the COTR's approval.

8.6. Software Test Plan (STP): The Contractor shall complete a software test plan/report including any unit, integration, system, or validation tests necessary for error-free operation of the software product as described in the Basic Contract PWS C.5.4.7 and C.5.6.4. The contractor shall provide software test plan documentation in accordance with CDRL A004, Software Test Plan/Report, under the authority of DIDs: DI-IPSC-81438A. Contractor may use his own format with COTR approval due 60 days from contract award date.

8.7. Application Security and Development Security Technical Implementation Guide (STIG): The Contractor shall maintain the application in accordance with the Defense Information Systems Agency (DISA) Application Security and Development STIG and maintain the processes and documentation necessary to meet the requirements outlined therein, due 90 days from contract award date as defined in the Basic Contract PWS C.5.4.6. Such documentation should include a System Security Plan, an Application Configuration Guide, a Software Configuration Management Plan, a Disaster and Recovery Plan, and a Test Plan. The Contractor may use his own format or modify the DOD format, with the COTR's approval.

8.8. The Contractor shall maintain training guides and user manuals for each application role type covering all available functionality IAW Basic Contract PWS, due 180 days after contract award. The contractor shall provide software test plan documentation in accordance with CDRL A015, under the authority of DIDs: DI-IPSC-81438A. Contractor may use his own format with COTR approval due 60 days from contract award date.

8.9. The contractor shall provide one-on-one training, consulting, and guidance to government personnel in the design and operation of the system IAW the Basic Contract PWS C.5.4.16. All consulting and guidance actions shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI-MGMT-80227(T), due 45 days after contract award, then every 30 days thereafter. Contractor may use his own format for this report, or modify DOD's format, with the COTR's approval.

8.10. The contractor shall participate in weekly peer review walkthroughs to review the software product for conformance to technical/programming standards and to identify errors and problems as defined in Basic Contract PWS C.5.4.7. The Contractor shall report all actions in the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI-MGMT-80227(T), due 45 days after contract award, then every 30 days thereafter. Contractor may use his own format for this report, or modify DOD's format, with the COTR's approval.

8.11**.** The contractor shall maintain and deliver all source code and associated documentation under configuration management such that the source code history and change request history are provided, IAW the Basic Contract PWS C.5.4, due 120 days from contract award.

TASK 9.0: **Critical Mission Management System (CMMT) for TACOM LCMC.**

9.1. Application Maintenance and Support: The Contractor shall provide application maintenance and support for CMMT, as defined in the Basic Contract PWS C.5.4. The Contractor shall implement software changes as defined in the Basic Contract PWS C.5.4, for the successful performance of the existing application. All system updates and routine maintenance actions shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI- MGMT-80227(T). The Contractor may use his own format or modify the DOD format, with the COTR's approval. Report is due to the COTR, 45 days after contract award with updates submitted every 30 days thereafter.

9.1.1 The Contractor shall troubleshoot system response and abnormalities and shall recommend solutions to system level issues as defined in the Basic Contract PWS C.5.4. All findings and recommendations shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI-MGMT-80227(T). The Contractor may use his own format or modify the DOD format, with the COTR's approval. Report is due to the COTR, 45 days after contract award with updates submitted every 30 days thereafter.

9.1.2. The Contractor shall correct and document system defects and bugs, to include modifications to system data and the graphic user interface as defined in the Basic Contract PWS C.5.4. All programming code shall be in compliance with CDRL A010, Computer Software Product – Source Coding, under the authority of DID DI-IPSC-81488. All systems documentation and updates shall be in accordance with CDRL A015, Software Documentation, under the authority of DID DI-IPSC-81756. The Contractor may use his own format or modify the DOD format, with the COTR's approval. All findings, system updates, and routine maintenance actions shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI-MGMT-80227(T). The Contractor may use his own format or modify the DOD format, with the COTR's approval. Report is due to the COTR, 45 days after contract award with updates submitted every 30 days thereafter.

9.2. Application Sustainment: The Contractor shall design, test and field to production updates and enhancements the CMMT web application IAW Basic Contract PWS C.5.4. The application shall be maintained in accordance with the Defense Information Systems Agency (DISA) Application Security and Development Security Technical Implementation Guide (STIG) and CDRL A010, Computer Software Product, under the authority of DID DI-IPSC-81488 paragraph 4.0, Source Coding, due 1 August 2014. The Contractor may use his own

format or modify the DOD format, with the COTR's approval. The Contractor shall report all actions in the Monthly Contract Progress, Status and Management Report, CDRL A001, under authority of DID DI- MGMT-80227(T). Report is due 45 days after contract award, then every 30 days thereafter. Contractor may use his own format for this report, or modify DOD's format, with the COTR's approval.

9.2.1. **Change Management System:** The Contractor shall perform an impact assessment to include issues, risks, and recommendations, as defined in the basic PWS C.5.6.1. The impact assessment report shall be in accordance with CDRL A001, Monthly Contract Progress, Status and Management Report, under the authority of DID DI MGMT 80227(T) The Contractor may use his own format or modify the DOD format, with the COTR's approval. The first status report shall be due 45 calendar days after contract award, with subsequent reports due every 30 days thereafter.

9.2.2. **Project Plan and Weekly Updates:** – In accordance with CDRL A005 Project Planning Chart, under the authority of DI-MGMT-80507A, the Contractor shall develop a Baseline Project Plan for the tracking and execution of approved system/software changes. Project plans are due 45 days after contract award and every 30 days after the acceptance of the baseline Project Plan by the COTR.

9.2.3. **Code Check-In:** The Contractor shall deposit all software code into the government's software tool and in accordance with standard operating procedure (SOP) for version control, check in/check out and workflow and source code management, IAW C.5.4.4 of the Basic PWS. The government will provide the software tool to store software code within 10 days of contract award. All software code created for this task shall be in accordance with CDRL A010, Computer Software Product, under the authority of DID DI- IPSC-81488, due 30 days before contract end date.

9.2.4. **DIACAP and CON Compliance:** The Contractor shall analyze and make recommendations to the Government regarding CMMT and its Certification and Accreditation under DIACAP. The Contractor will ensure that CMMT has a Certificate of Networthiness (CON), as required by AR25-2, DODI 8510.1. DOD Information Assurance Certification and Accreditation Process (DIACAP) and has the proper IA controls and Security Technical Implementation Guides (STIGS); DODI 8500.1. Information Assurance; and DODI 8500.2. Information Assurance (IA) Implementation. The Contractor shall update the source code and documentation for the assigned TACOM LCMC ILSC system with the update upon approval of the system owner. All findings shall be reported in the Monthly Contract Progress, Status and Management Report, CDRL A001, CDRL A002. The contractor shall provide all documents, diagrams, and other artifacts required to support system accreditation IAW DoDi 8510.01 DIACAP.

9.2.5. **Source Code Deployments:** The contractor shall obtain Government approval before deploying source code to any operating environment. Contractor will provide an estimate of the Level of Effort (LOE) that the work will require. The Government has the right after review, to question the LOE and/or reply with revised LOE hours. Deployment tracking

documentation shall be completed and provided to the Government before approval via the Build Tracking Share Point List before deployment can occur IAW C.5.4.4, C.5.4.5, and C.5.4.7. The Government will provide access to the Build Tracking System within 5 days of contract award. All technical information shall be documented in accordance with the Technical Reports-Study, CDRL A002, under authority of DI-MISC-8080508A within 10 days of deployment schedule. The Contractor may use his own format or modify the DOD format, with the COTR's approval.

9.2.6 **Documentation**: The contractor shall create and update CMMT documentation to include the creation of the help file in Microsoft Word format in accordance with CDRL A011 Software user manual, under the authority of DID DI-IPSC-81443A by September 01 2014, updates to the database model in accordance with CDRL A010 Computer Software Product, under the authority of DID DI- IPSC-81488 by January 01 2014, in accordance with CDRL A007, Software Requirement Spec., under the authority of DID DI-IPSC-81439 by January 01 2014, and updates to the project plan in accordance with CDRL A020 Baseline Project Plan by September, 1, 2014.

E. Information Assurance Contractor Training and Certification:

1. The Contractor shall ensure that personnel accessing information systems have the proper and current information assurance certification to perform information assurance and or network/system administrator functions in accordance with DOD 8570.01-M Information Assurance Workforce Improvement Program, AR 25-2, and the TACOM Warren training and certification policy. The Contractor shall meet the applicable information assurance baseline and computing environment certification requirements per position according to the following table:

Skill Set	Activity Supported	IA Baseline Certification	Comp. Env. Certification	Certifications Desired	Clearance
a. Software Architect	IA/DIACAP	One of the following: GSLC, CISSP or CISM	N/A	Microsoft Certified Desktop Support Technician	Secret/IT level II NACLC (or higher)
b. Software Architect	IA/DIACAP	N/A	N/A	Microsoft Certified Desktop Support Technician (MCDST), Security	Secret/IT level II NACLC (or higher)
c. Web Designer	Web Design	N/A	N/A	SharePoint 2010 certifications	NACLC (or higher)

d. Systems Engineer	Technical Analysis	N/A	N/A	.NET certifications	NACLC (or higher)
e. Systems Engineer	Technical Analysis	N/A	N/A	.NET certifications	NACLC (or higher)
f. Software Architect	SOUM	N/A	N/A	Java Certification .net or .net cert	NACLC (or higher)
g. Software Architect	NAMI	N/A	N/A	Coldfusion with SQL backend	NACLC (or higher)
h. Systems Engineer	MICAS	Security +	.net	.net experience or .net cert experience, MCSD	NACLC (or higher)
i. Software Architect	ARTIS	N/A	N/A	.net experience or .net cert experience	NACLC (or higher)
j. Systems Engineer	ARTIS	N/A	N/A	.net certification MCSD	NACLC (or higher)

jk. & l. Systems Engineer	SKOT Group	N/A	N/A	NACLC (or higher)
m Software Architect	CMMT	N/A	N/A	NACLC (or higher)

2. The Contractor shall provide documentation supporting the information assurance certification status of personnel performing information assurance functions to the Government for the tracking of compliant personnel.

3. Contractor personnel who do not have proper and current certifications will have privileges removed for the purpose of performing administrator or privileged user functions.

F. MEETINGS:

1. Information Assurance (IA) Meetings: The Contractor shall meet, brief and discuss IA findings from TACOM LCMC ILSC System reviews performed during the last 30 days as referenced in all tasks, with NEC and government personnel IAW section C.1.17, C.1.17.2 & C.1.17.8 of the Basic PWS.

a. The Contractor shall provide hard copy hand outs with their findings, brief their findings, provide the level of risk for any deficiencies, and recommend appropriate corrective actions. The first meeting shall be held 45 days after contract award, with subsequent meetings held every 30 days thereafter. Any

results/data found during the 30 day reporting period shall be reported at the subsequent meeting. These meetings will be facilitated by the COTR and will be scheduled on the same day and time each month. The Contractor shall attend monthly meetings which are held at the US Army Garrison- Detroit Arsenal, Warren, MI or by tele-video conferencing or audio-conferencing.

2. Project Meetings: The Contractor shall attend monthly coordination and project status meetings (Project Meeting) with the Government and NEC personnel, at the US Army Garrison- Detroit Arsenal, Warren, MI or Selfridge Air National Guard (SANGB) Base, Mt. Clemens, MI or by tele-video conferencing or audio-conferencing, IAW section C.1.17, C.1.17.2 & C.1.17.8 of the Basic Contract PWS.

a. The Contractor shall provide updated status on contract tasks, schedules, costs, personnel issues, GFP, GFI, and problems/issues using the Project Planning Chart, in accordance with CDRL A005 Project Planning Chart and DIDS DI-MGMT-80507A. The Contractor may use his own format or modify the DOD format, with the COTR's approval. The first Project Planning chart shall be provided to the Government COTR within forty-five (45) days after contract award, with subsequent updates every 30 days thereafter. Any findings, results or actions, accomplished during the previous 30 day reporting period, shall be included in the Monthly Project Planning Chart and briefed at the subsequent Project Meeting. The Contractor shall update the Project Planning Chart on a monthly basis in conjunction with the Project Meetings.

b. The first Project Meeting shall be held forty-five (45) days after contract award, with subsequent meetings every 30 days thereafter. The Contractor shall perform a briefing on the work that has been performed within the previous 30 days. Any results/data found during the previous 30 day reporting period shall be included in the subsequent meeting. These meetings will be facilitated by the COTR or team lead and will be scheduled on the same day and time each month.

3. Customer Support Meetings**:** The Contractor shall attend weekly Customer Support Meetings and will be notified at least 24 hours before the meeting start time by the Government. The Contractor shall not be responsible for formal briefings, agendas or hard copy hand outs for Customer Support Meetings. At each Customer Support Meeting, the Contractor shall be prepared to provide written or verbal project status, which shall be current as of the meeting date. Written project status will be provided using the Project Planning Chart, in accordance with CDRL A005 Project Planning Chart and DIDS DI-MGMT-80507A. The Contractor may use his own format or modify the DOD format, with the COTR's approval. The project status is due within 24 hours of meeting notice.

4. Project Plan: In accordance with CDRL A005 and DIDs DI- MGMT-80507C, the Contractor shall develop a Baseline Project Plan for the tracking and execution of approved system/software changes IAW C.5.4.2. The Government will review Baseline Project Plan 30 days from contract award. The Contractor shall update the Project Plan every 30 days

after the acceptance of the baseline Project Plan by the COTR. The Contractor may use his own format or modify the DOD format, with the COTR's approval.

G. TRAVEL: No Travel is planned

H. Place of Performance: The Contractor shall perform services for the Integrated Logistics Support Center (ILSC) at US Army Garrison-Detroit Arsenal, MI, Selfridge Air National Guard (SANG) Base Mt Clemens, MI and Troy, MI .

I. Duty Hours:

1. Normal Working Hours of Operation: The current hours of operation for Contractor work are 0600-1800 hours, Monday through Friday, except for Federal holidays and the Friday after Thanksgiving. Core hours are from 0900-1430, start time 0600-0900. The basic work requirement will be 8.5 hours to include a mandatory 30- minute lunch break. The Contractor shall ensure that service to customers is not interrupted during break and lunch periods. The government will not be responsible for any costs incurred by the contractor for the duration of any shutdown or closure unless specifically approved by the Contracting Officer in advance of the incurrence. Special requirements may present a need for alternate work schedules, for periods of time, due to maintenance or other server administration actions.

2. Compressed Work Schedule: The contractor may be allowed to participate in a fixed Compressed Work Schedule (CWS) with the approval of the COTR and the COR. CWS are fixed work schedules, which enable full-time contractors to complete the basic 80-hour bi-weekly work requirement in less than ten workdays. The CWS requires either eight nine-hour days and one eight- hour day with one predetermined scheduled day off or four ten hour days and one predetermined scheduled day off each week during the Federal government designated two week pay period. The predetermined scheduled day off will be referred to as the Regular Day Off (RDO) and will be approved by the COTR. The contractor must work the fixed traditional work schedule during the first two weeks of reporting to the duty station.

3. Off hour support: Off hour support may be allowed. Off hour support will be based on the requirements described in a task order; which require a contractor to work out side of the base hours of operation 0600-1800, Monday through Friday. Off hour support may be performed at the contractor's normal duty station or at a contractor approved facility. Off hour support may require contractors to log in from outside of the Detroit Arsenal. Off hour support must have COTR approval in advance of the expected work. At any time the COTR can determine that off hour support is no longer needed for a specific position on a task order and will notify the contractor PM of such changes.

4. Ad-hoc Telework: Ad-hoc telework may be allowed on an as needed basis. Determination whether telework is allowable will depend on the requirements of the task order, and will require approval from the contract COTR in advance of the expected work. At any time the COTR can determine that ad-hoc telework is no longer needed for a specific position on a task order and will notify the contractor PM of such changes. Ad-hoc telework will be performed offsite at a contractor approved facility.

SECTION A - SOLICITATION/CONTRACT FORM

The total cost of this contract was increased by $906.00 from $2,249,688.72 to $2,250,594.72.

SECTION B - SUPPLIES OR SERVICES AND PRICES

SUBCLIN 3000AM is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3000AM		1	Job	$906.00	$906.00 NTE
	Training				
	FFP-LOE				
	Please refer to Section 1.4 of the Performance Work Statement.				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: 0010555364				

NET AMT	$906.00
CEILING PRICE	$0.00
ACRN AM	$906.00
CIN: GFEBS001055536400001	

SECTION E - INSPECTION AND ACCEPTANCE

The following Acceptance/Inspection Schedule was added for SUBCLIN 3000AM:

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
Destination	Government	Destination	Government

SECTION G - CONTRACT ADMINISTRATION DATA

Accounting and Appropriation

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by $906.00 from $2,249,688.72 to $2,250,594.72.

SUBCLIN 3000AM:
Funding on SUBCLIN 3000AM is initiated as follows:

ACRN: AM

CIN: GFEBS001055536400001

Acctng Data: 021201420142020000442422252 S.0021364.7.2 6100.9000021001

Increase: $906.00

Total: $906.00

Cost Code: A60EE

(End of Summary of Changes)