

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 21	
2. AMENDMENT/MODIFICATION NO. 02	3. EFFECTIVE DATE 16-Jul-2014	4. REQUISITION/PURCHASE REQ. NO. SEE SCHEDULE		5. PROJECT NO.(If applicable)	
6. ISSUED BY INSTAL & VEHICLE SUP CONTRACTING DIV 6501 E. 11 MILE ROAD WARREN MI 48397-5000	CODE W56HZV	7. ADMINISTERED BY (If other than item 6) INSTAL & VEHICLE SUP CONTRACTING DIV MELISSA BAYS CCTA-HDC-A/MS 350 MELISSA.C.BAYS.CIV@MAIL.MIL WARREN MI 48397-5000		CODE W56HZV	
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 48063-4646			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			X	10A. MOD. OF CONTRACT/ORDER NO. W56HZV-11-D-L555-T030	
			X	10B. DATED (SEE ITEM 13) 08-Nov-2013	
CODE 3XMH1	FACILITY CODE 3XMH1				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required) 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 <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: baysm14513 Modification: 02 to W56HZV-11-D-L555-T030 Referenced Purchase Request: 0010554478-0001 Please refer to page two for modification information.					
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		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>John Sarti</u> (Signature of Contracting Officer)		
(Signature of person authorized to sign)			16C. DATE SIGNED 16-Jul-2014		

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

MODIFICATION 02 INFORMATION

1. The purpose of this modification is to make changes to the Performance Work Statement, add and fund Labor CLIN 3000AC, and add and fund Training CLIN 3000AD.

2. Section B. Skill Sets and Labor Hours by Project - All positions will increase in Estimated Hours and Total Cost.

a. SharePoint SME Level I – Estimated Hours increased from: 1500, to: 3985. Total Cost increased from: \$191,775.00, to: \$509,482.25.

b. Systems Engineer – Estimated Hours increased from: 2250, to: 5617. Total Cost increased from: \$213,075.00, to: \$531,929.90.

c. Web Designer/Technical 1 Writer – Senior – Estimated Hours increased from: 750, to: 1806. Total Cost increased from: \$63,945.00, to: \$153,979.56.

d. Software Architect – Estimated Hours increased from: 2250, to: 5417. Total Cost increased from: \$187,267.50, to: \$450,856.91.

e. Software Architect – Estimated Hours increased from: 750, to: 1944.75. Total Cost increased from: \$62,422.50, to: \$161,861.54.

f. Systems Administrator – Estimated Hours increased from: 750, to: 1814. Total Cost increased from: \$56,332.50, to: \$136,249.54.

g. Systems Engineer – Estimated Hours increased from: 750, to: 1820. Total Cost increased from: \$71,025.00, to: \$172,354.00.

h. Training – CLIN 3000AD will be added and funded in the amount of \$453.00 for travel.

3. Section J. of the Performance Work Statement was added to explain the training requirements.

4. Labor - CLIN 3000AC will be added and funded in the amount of \$1,523,703.47 to support Labor CLIN 3000AA.

5. The contract Estimated Hours has increased 16,490.25 hours from: 11,346 hours, to 27,836.25 hours.

6. The contract Total Cost has increased by \$1,524,156.47, from \$1,051,806.10 to \$2,575,962.57.

7. All other terms and conditions of the contract, except those addressed by modification, remain unchanged and in full force and effect.

The following have been modified:

PERFORMANCE WORK STATEMENT

TASK ORDER TITLE: PEO GCS Information Technology

A. PURPOSE: The purpose of this action is to provide administration, sustainment and management support, system analysis, problem solving, Systems Change Request (SCR) implementation, testing, and system enhancement for the Program Executive Office, Ground Combat System (PEO GCS) Portal and its entire customer base. The Contractor shall provide dedicated Portal sustainment, maintenance and enhancement services to all PEO GCS Portal customers. The Contractor shall service and maintain the PEO GCS e-Business Portal. The Contractor shall develop and administer project documentation, project status reporting, coordinate and attend Integrated Process Team (IPT) meetings and conferences per Task Monitor guidance.

B. Skill Sets and Labor Hours by Project: UBT Skill	Estimated Hours	TOTAL Cost	Task	Activity Supported
a. SharePoint SME Level I	3985	\$ 509,482.25	1	SharePoint Subject Matter Expert
b. Systems Engineer	5617	\$ 531,929.90	2	Sr. Application Developer
c. Web Designer/ Technical Writer - Senior	1806	\$ 153,979.56	3	Senior Web Designer
d. Software Architect	5417	\$ 450,856.91	4	SharePoint Administrator
e. Software Architect	1944.75	\$ 161,861.54	5	Application Developer
f. Systems Administrator	1814	\$ 136,249.54	6	Business Analyst/Process
g. Systems Engineer	1822	\$ 172,543.40	7	Sr. Database Administrator
h. Systems Administrator	3514.5	\$ 263,974.10	8	Application Helpdesk
i. SharePoint SME Level I	96	\$ 12,273.60	9	Project Server Support Administrator

j. Systems Engineer	1820	\$ 172,354.00	10	Project Server Support Technician
Travel		\$ 10,000.00		
Training		\$453.00		
Totals	27836.25	\$2,575,957.80		

C. CORs/COTRs: CORs and COTRs, for each project, are assigned by the Contracting Officer, using an appointment Letter.

D. DESCRIPTION OF TASK REQUIREMENTS:

Task 1. SharePoint SME

1.1 The Contractor shall supply a senior level SharePoint SME with 7+ years architecting, implementing, sustaining, and troubleshooting high-end, highly available SharePoint web farms. The SharePoint SME will have extensive experience in Microsoft Office SharePoint Server (MOSS) 2007 (N+1, N-1) / Windows SharePoint Services (WSS) 3.0 (N+1, N-1), SharePoint Server (SPS) 2010(N+1, N-1) / SharePoint Foundation Services (SFS) 2010 (N+1, N-1) , along with Microsoft SQL Server 2005/2008 (N+1, N-1). The contractor shall design leading edge SharePoint solutions and provide support for PEO GCS hardware and software platforms, such as SharePoint servers, .NET web servers, SQL Server databases, reporting tools, backup/recovery, access, communications, performance monitoring and other associated capabilities. The contractor shall coordinate centralized administration between local and remote systems along with serving as the liaison between PEO GCS and the local NEC. The contractor shall create an environment and culture for maintaining highly secure and available systems through the implementation of industry standard best practices along with designing, implementing and maintaining SharePoint, SQL Server database, reporting services, and analysis services. The contractor shall provide direction for the management, design and performance tuning of PEO GCS hardware and software.

1.2 The Contractor shall review the existing IT infrastructure, business processes, application flows, interfaces, interoperability, customer applications and then provide the direction needed to gain further efficiencies in robustness, customer satisfaction, scalability, and redundancy. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.3 The Contractor shall coordinate and perform hardware or software installations along with performing diagnostics using appropriate parameters and protocols in coordination with the NEC.

1.4 The Contractor shall coordinate and perform troubleshooting, fixes, customizations, and

software upgrades to existing software and hardware. The Contractor and NEC shall plan and execute the installation of upgrades with PEO GCS Project Managers and Information Management Officers (IMOs). All software shall be installed and tested on Government specified computer and operating system. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.5 The Contractor shall architect and modify the PEO GCS server farm to maximize performance in accordance with industry and manufacturer best business practices with regard to hardware and software. Configuration sustainment and changes shall be documented on the SharePoint Configuration Management site on the PEO GCS Knowledge Center.

1.6 The Contractor shall direct and support Data Base Analysts (DBAs) to ensure appropriate configurations are installed to meet requirements, such as file locations, disk size, disk space and libraries.

1.7 The Contractor shall be the Subject Matter Expert for the complete PEO GCS Server farm.

1.8 The Contractor shall provide the expertise necessary to successfully complete the security accreditation process governing the PEO GCS Server farm. The Contractor shall update system/application documentation with any changes. The contractor shall work with the security team to resolve identified vulnerabilities. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.9 The Contractor shall attend and actively participate in meetings and provide technical information supporting areas of analysis, testing, implementation and maintenance. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.10 The Contractor shall design and implement a failover system providing a complete disaster recovery solution.

1.11 The Contractor shall design a Server farm infrastructure that responds quickly to PEO GCS and its Partners business requirements. The Contractor shall be responsible for overall design, execution, documentation, and reporting of this infrastructure.

1.12 The Contractor shall design the best approach for implementing Load Balancing (LB) for the Server farm and all of its associated mission applications, when feasible. The approach shall include an implementation strategy for current mission applications. The contractor shall execute and maintain the LB strategy for mission applications in support of PEO GCS and its Partners. The LB analysis, strategy, and recommendations shall be documented.

1.13 The Contractor shall design a solution for providing source code management, environment management and production code deployment utilizing COTS software provided by the Government.

1.14 The Contractor shall install, sustain, and troubleshoot Microsoft Office SharePoint Server (MOSS 2007) (N+1, N-1) / Windows SharePoint Services (WSS) 3.0 (N+1, N-1). The Contractor shall liaise with PEO GCS SharePoint Admins and help solve all user issues as they arise. The Contractor shall monitor, plan and configure SharePoint application services. The Contractor shall setup, monitor and tune server performance utilizing built-in performance counters. The Contractor shall be familiar with configuring and implementing different modes of authentication such as standard Windows authentication, Claims-based authentication and authentication with AKO Single Sign-On (SSO). All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.15 The Contractor shall design and direct the installation, sustainment (patching), and troubleshooting of a Server farm supporting Microsoft SharePoint Server (SPS 2010) (N+1, N-1) / SharePoint Foundation Services (SFS) 2010 (N+1, N-1). The Contractor shall liaise with PEO GCS SharePoint Admins and help solve all user issues as they arise. The Contractor shall monitor, plan and configure SharePoint application services. The Contractor shall setup, monitor and tune server performance utilizing built-in performance counters. The Contractor shall be familiar with configuring and implementing different modes of authentication such as standard Windows authentication, Claims-based authentication and authentication with AKO Single Sign-On (SSO). All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.16 The Contractor shall design and direct the installation, sustainment (patching) and troubleshooting of a Server farm supporting a Microsoft SQL Server 2008 (N+1, N-1) Database clustered environment. The Contractor shall coordinate the installation, sustainment (patching), and troubleshooting of the Microsoft SQL Reporting Services 2005/2008 (N+1, N-1). The Contractor shall coordinate the installation, sustainment (patching), and troubleshooting of the Microsoft SQL Integration and Analysis Services 2005/2008 (N+1, N-1). All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.17 The Contractor shall design and direct the installation, sustainment (patching), and troubleshooting of a Server farm supporting Microsoft Internet Information Services (IIS) 6/7 . The Contractor shall install .NET Framework 2.x, 3.x, and 4.x Microsoft C# web applications that are developed in-house or by external contractors. The Contractor shall liaise with the NEC and TNOSC when setting up URLs, FQDNs, IPs, and DNS and configuring the Firewall, Reverse Proxy, and F5 load balancer.

1.18 The Contractor shall design and direct the installation, sustainment (patching), and troubleshooting of a Server farm supporting Microsoft Team Foundation Server (TFS) 2008/2010 (N+1, N-1). The Contractor shall liaise with the .NET Developer staff regarding the use of TFS.

1.19 The Contractor shall coordinate with the NEC regarding the sustainment (patching) and troubleshooting of all Microsoft Windows Server 2003/2008 (N+1, N-1) servers.

1.20 The Contractor shall design and direct the creation, sustainment, and troubleshooting of SharePoint's Business Data Catalog (BDC) for 2007, and Business Data Services (BDS) for 2010 with direction from the .NET Developer team.

1.21 The Contractor shall design and help create, sustain, and troubleshoot SharePoint 2007/2010 (N+1, N-1) Workflows via GUI, SharePoint Designer 2007/2010 (N+1, N-1), and Visual Studio 2010 (N+1, N-1). The Contractor shall liaise with PEO GCS SharePoint Admins and help solve all user issues as they arise.

1.22 The Contractor shall coordinate the troubleshooting of network issues revolving around SharePoint, SQL, Internet Information Services (IIS), Server, Reverse Proxy, Firewall, Domain Name Service (DNS), and Authentication (NTLM, Kerberos, AKO, Single Sign-On, and Forms based). The Contractor shall deal with MS InfoPath 2007/2010 (N+1, N-1) SharePoint related issues, and issues related to Content Types and other SharePoint functionality that are impacted by Reverse Proxy and Firewall rules. The Contractor shall deal with requests to update the GPO to accommodate SharePoint needs in dealing with the Detroit Arsenal NIPRNet Installation Campus Area Network (DANICAN). The Contractor shall deal with all other connectivity, authentication, and display issues related to user interaction with hosted SharePoint or IIS Web Applications. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT- 80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.23 The Contractor shall architect, plan, communicate, and perform SharePoint migrations from 2007 to 2010. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.24 The Contractor shall design and direct the installation, sustainment (patching), and troubleshooting of a Server farm supporting Microsoft Project Server 2007/2010 (N+1, N-1). The Contractor shall liaise with Project Server Admins and help solve all user issues as they arise. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.25 The Contractor shall coordinate and direct the installation, sustainment (patching), and troubleshooting of Third-Party software solutions usable by the PEO GCS environment such as:

Bamboo, CorasWorks, web parts and other SharePoint solutions.

1.26 The Contractor shall coordinate the initiation of Retina scans, review logs and coordinate the installation of necessary Information Assurance Vulnerability Assessment (IAVA) patching and Stigging when appropriate as directed by the NEC. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.27 The Contractor shall be the primary liaison between PEO GCS Management and the NEC, TNOSC, NETCOM, etc. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.28 The Contractor shall architect SharePoint 2007/2010(N+1, N-1) environments to: establish best practices and educate SharePoint Admins and staff on appropriate use of SharePoint.

1.29 The Contractor shall be the primary architect for designing, sustaining, and troubleshooting a highly redundant, high capacity web farm dealing with multiple web front-end servers; dealing with multiple servers configured as a SQL Cluster; dealing with a Storage Area Network (SAN) SQL database repository; uptime goal should be maintained at 99.9%; and define, capture and report Web analytics for usage and trend analysis. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.30 Reserved

1.31 The Contractor shall be the Subject Matter Expert for configuration, monitoring and trouble-shooting of load balancing appliances.

1.32 The Contractor shall design and direct the installation, sustainment, troubleshooting, and implementation of a SharePoint 2007/2010 (N+1, N-1) backup and disaster recovery plan; liaise with the NEC to determine and implement a best solution; perform disaster recovery tests on a scheduled basis; design disaster recovery plans and keep updated; and coordinate test backups to make sure that they work. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.33 The Contractor shall design and direct the installation, sustainment, troubleshooting, and implementation of a Project Server 2007/2010 (N+1, N-1) backup and disaster recovery plan; liaise with the NEC to determine and implement a best solution; perform disaster recovery tests on a scheduled basis; design disaster recovery plan and keep updated; and coordinate test backups to

make sure that they work. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.34 The Contractor shall design and direct the installation, sustainment, troubleshooting, and implementation of a .NET web application and associated database backup and disaster recovery plan: liaise with the NEC to determine and implement a best solution; perform disaster recovery tests on a scheduled basis; design disaster recovery plan and keep updated; and coordinate test backups to make sure that they work. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

1.35 Reserved

1.36 Reserved

Task 2. Senior Application Developer

2.1 The Contractor shall build scalable, predictable, high-quality and high-performance web, windows, console and service-oriented applications using Microsoft technologies. The Contractor shall build and maintain internal and external-facing web applications. The Contractor shall integrate solutions with Commercial Off-the-Shelf (COTS) products using Web service and application programming interface (API) techniques. The contractor shall integrate third party components into applications to achieve enhanced Web 2.0 functionality. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

2.2 The Contractor shall work with business analysts and customers to understand business and functional requirements and solutions architecture. The Contractor shall produce integrated solutions developing custom extensions, enhancements and Web parts for SharePoint 2010 (N+1, N-1). The Contractor shall utilize tools and technologies for monitoring and testing SharePoint 2010 solutions and security considerations for deploying SharePoint 2010 (N+1, N-1) solutions. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

2.3 The Contractor shall utilize .NET 3.5/4.0/4.x, ASP.NET, and SQL Server 2005/2008 (N+1, N-1) in application development. The Contractor shall use data access technologies such as Microsoft's LINQ and the entity framework. The Contractor shall write database queries and stored procedures using Microsoft Transact SQL (TSQL). The Contractor shall create data modeling concepts and apply these concepts, including data modeling, normalization, primary and foreign keys, and constraints.

2.4 The contractor shall use Microsoft development environments such as Visual Studio 2008/2010 (N+1, N-1). The Contractor shall use source code repositories such as Microsoft Visual Source Safe

(VSS) or Microsoft Team Foundation Server (TFS). The Contractor shall work with reporting tools and services such as Microsoft Reporting Services or third party reporting tools such as Telerik.

Task 3. Web Designer Sr.

3.1 The contractor shall provide complete WEB Pages In Accordance With (IAW) CDRLS A010, Computer Software Product-Source Coding. The contractor shall install and test all Web Pages on Government specified computer and operating system. The Government will provide general specifications for the format and content of source code when required. All findings and recommendations shall be included in CDRL A001, Monthly Status Report and shall be documented in CDRL A005, Project Planning Chart. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

3.2 The Contractor shall design templates, layouts, graphics, animations and other related materials in support of PEO GCS web applications and sites using web graphic design tools that have been designated as standard TACOM automated tools such as Adobe Photoshop, Creative Suite and SharePoint Designer. The contractor shall work in tandem with the PEO GCS software development team to design graphical user interfaces (GUIs) allowing full integration of form and function with web applications.

3.3 The Contractor shall make documents/sites/pages compliant with Section 508 guidance, Section 508 of the Rehabilitation Act of 1973, as amended 29 U.S.C. § 794 (d), § 794d, Electronic and information technology. The contractor shall understand this agency's 508 accessibility requirements, how to translate those requirements into technical solutions, and expert knowledge of how people with disabilities interact with information technology.

3.4 The Contractor shall adhere and verify compliance with security policies as regulated by AR25-1, AR 25-2, DODI 8500.1, DODI 8500.2, and DODI 8580.1.

Task 4. PEO GCS Knowledge Center (SharePoint) Admin

4.1 The Contractor shall implement graphic and functional features in the PEO GCS Knowledge Center based on requirements gathered formally and informally through interaction with PEO GCS and PMOs personnel. The Contractor shall analyze, troubleshoot and provide solutions to SharePoint Web Page issues IAW paragraphs C.5.4.9, C.5.3.3 of the basic contract Performance Work Statement (PWS). All findings, recommendations and 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.

4.2 The Contractor shall design templates, layouts, graphics, animations and other related materials in support of the PEO GCS Knowledge Center (SharePoint) using web graphic design tools that have been designated as standard TACOM automated tools such as Adobe Photoshop, Creative Suite and Dreamweaver and that are included in the TACOM LCMC IT Architecture. The contractor shall provide complete SharePoint web Pages IAW CDRL A010, Computer Software

Product-Source Coding. The contractor shall install and test all Web Pages on Government specified computer and operating system. All findings and recommendations shall be included in CDRL A001, Monthly Status Report and shall be documented in CDRL A005, Project Planning Chart. The Contractor may use his own format or modify the DoD format, with the COTR's approval, IAW paragraphs C.5.4.9 of the basic contract PWS.

Task 5. Application Developer

5.1 The Contractor shall build and maintain internal and external-facing .NET programming (ASP.NET/C#), scalable, predictable, high-quality and high-performance web applications. The Contractor shall integrate solutions with Commercial Off-The-Shelf (COTS) products using Web service and application programming interface (API) techniques. The Contractor shall integrate third party components into applications to achieve enhanced Web 2.0 functionality. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

5.2 The Contractor shall work with business analysts and customers to understand business and functional requirements and solutions architecture. The Contractor shall utilize .NET 3.5/4.0/4.x, ASP.NET and SQL Server 2005/2008 (N+1, N-1) in software application development. The Contractor shall utilize data access technologies such as Microsoft's LINQ and the entity framework. The Contractor shall write database queries and stored procedures using Microsoft transact SQL (TSQL). The Contractor shall employ data modeling concepts and application of these concepts including data modeling, normalization, primary and foreign keys, and constraints.

5.3 The Contractor shall use Microsoft develop environments such as Visual Studio 2008/2010 (N+1, N-1). The Contractor shall use source code repositories such as Microsoft Visual Source Safe (VSS) or Microsoft Team Foundation Server (TFS).

Task 6. RESERVED

Task 7. Business Analyst/Process Improvement Specialist

7.1 The Contractor shall provide Process Improvement/Requirements Gathering IAW with the basic PWS C.5.7 to include: Interfacing with clients to understand their business processes and culture. Assisting clients by determining how their processes can be made easier or more efficient by making recommendations for process improvements, when applicable. The Contractor shall assist clients by determining how their processes can be made easier or more efficient through integration with technologies such as Microsoft Office, Workflows, SharePoint, Adobe Flash, Robohelp and custom Web Applications. The Contractor shall Interface with clients to accurately determine and document all requirements necessary for integrating their processes with useful technologies (this is done through participation in the various, associated, Integrated Process Team (IPT) meetings). The Contractor shall assist clients with documenting business process flow via Microsoft Word, PowerPoint, or Visio. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-

80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

7.2 The Contractor shall provide Application Development/Testing IAW with the basic PWS C.5.4 to include: Interfacing with developers to ensure that client requirements are understood and prioritized. Interfacing with developers to ensure that resulting application functionality meets client requirements. Perform system testing to ensure that developed applications are ready for user interaction. Interface with application owners to ensure that the application functions IAW the identified requirements. Interface with clients to determine if their interpretations of the requirements are being met by the application.

7.3 The Contractor shall provide Process/Application Documentation/Training/Presentations IAW with the basic PWS C.5.4.16 to include: Developing and maintaining detailed user documentation/help, both paper and online, using RoboHelp, MS Word, MS PowerPoint, etc. Develop process or application presentation material for demonstrations and training using Microsoft Word, PowerPoint, etc. Work with graphic designers to develop content and graphics for multi-media presentations. Develop process or application training course curriculum. Present process or application demonstration and training material. Assist developers/integrators/others with preparing various plans and design documents. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI- MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

Task 8. Senior Database Administrator

8.1 The Contractor shall supply a senior level Database Administrator (DBA) with knowledge of Microsoft SQL Server 2005/2008 (N+1, N-1) associated with high availability and clustered environments. The Contractor shall provide leading edge DBA solutions and support for SharePoint 2007/2010 (N+1, N-1) and .NET 3.x/4.0/4.x web application environments. PEO GCS uses Microsoft SQL Server 2005 (legacy) and 2008 (primary). All applications will use the current database architecture to store and retrieve required data. The Contractor shall administer local databases. Database support includes the standard duties expected of database administrators to maintain highly secure, clustered and available systems (24/7 basis and worldwide) by adhering to IA regulations and implementing industry best business practices. The Contractor shall participate in database design, creation, and maintenance. The Contractor shall be responsible for database quality control and auditing to ensure accurate and appropriate use of data. The Contractor shall work with management to develop database strategies to support organization requirements. The Contractor shall consult with and advise users on access to various databases. The Contractor shall work directly with users to resolve data conflicts and inappropriate data usage. The Contractor shall provide expertise in requirements determination and validation, Analysis of Alternative (AOA), systems design, data modeling, IA, capacity planning, performance tuning, debugging and other related areas.

8.2 The Contractor shall utilize a documented, structured approach along with modeling/simulation techniques to develop and support SharePoint and/or .NET web application projects that meet PEO GCS customer requirements.

8.3 The Contractor shall apply SQL Server 2005/2008 (N+1, N-1) IAVA security and standard database patches and Stigging. All software shall be installed and tested from Government specified computers and operating systems. The Government will provide the specifications for all IAVAs. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI- MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

8.4 The Contractor shall architect, sustain, troubleshoot, and implement a SQL 2005/2008 (N+1, N-1) Database backup and disaster recovery plan. The Contractor shall liaise with the local NEC and travel, as necessary, to various Database Hosting Centers in coordination with PEO GCS disaster recovery plans. The Contractor shall troubleshoot encountered problems, perform full reload of software and analyze procedures and processes. The Contractor shall perform disaster recovery tests on a scheduled basis. The Contractor shall test backups to make sure that they work. The Contractor shall liaise with the SharePoint Administration team to assure that all SharePoint solutions are properly configured for disaster recovery. The Contractor will liaise with the .NET Development team to make sure that all .NET web application databases are properly configured for disaster recovery. The Contractor shall update procedures and documentation and shall make recommendations to improve the PEO GCS disaster recovery plan. The Contractor shall document all disaster recovery plan recommendations, changes, and updates. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

8.5 The Contractor shall utilize industry standard tools to identify database availability, optimize database performance and resource use, predict impending database problems, provide solutions to correct data base problems and maximize database throughput. All findings and recommendations shall be documented and reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

8.6 The Contractor shall provide technical expertise in the security accreditation of applications as it relates to database administration. The contractor shall work with the security team to resolve identified vulnerabilities. All findings and recommendations shall be documented and reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

8.7 The Contractor shall attend meetings to provide technical information or make recommendations in support of the SQL environment, which includes areas of database analysis, design, build, implement, sustain and retire.

8.8 The Contractor shall conduct technical evaluations of the SQL environment and report

findings. All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval

8.9 The Contractor shall implement and verify compliance with security policies as regulated by AR 25-2, DODI 8510.1 DoD Information Assurance Certification and Accreditation Process (DIACAP), DODI 8500.1 Information Assurance, DODI 8500.2 Information Assurance Implementation and the Security Technical Implementation Guides (STIGS).

8.10 The Contractor shall develop and maintain database administration SOPs and documentation.

8.11 The Contractor shall implement Microsoft SQL Server 2005/2008 (N+1, N-1) and enforce standardization and flexibility across the enterprise. The contractor shall provide strategic database direction, implementation of future database version releases, and reporting metrics for the enterprise.

8.12 The Contractor shall architect, sustain and troubleshoot a Microsoft SQL Server 2008 Clustered environment to provide SharePoint 2010 and .NET web applications with the highest levels of availability and scalability. The Contractor shall provide technical expertise in developing and sustaining extremely fault tolerant, load balanced, database systems. The Contractor shall configure the database system to leverage Network Attached Storage (NAS) and Storage Area Network (SAN) devices, and clustered software applications for maintaining secure, reliable, and plentiful storage.

8.13 The contractor shall be knowledgeable in using high-end SQL tools and services such as: Microsoft SQL Server Management Studio (SSMS), Microsoft SQL Server Reporting Services (SSRS) 2005/2008 (N+1, N-1), and Microsoft SQL Server Analysis Services (SSAS) 2005/2008 (N+1, N-1).

8.14 The contractor shall provide guidance to .NET Developers, in SQL Server database design and best practice. The contractor shall help .NET developers with the design, implementation, and debugging of database entities such as tables, view, stored procedures, triggers, constraints, etc.

8.15 The Contractor shall attend and actively participate in meetings in support of the PEO GCS Server Environment and provide technical information supporting areas of analysis, testing, implementation and maintenance.

8.16 The Contractor shall maintain currency of knowledge with respect to relevant, state-of-the-art SQL 2008 database design and development methodologies and provide innovative solutions.

8.17 The Contractor shall develop and maintain application documentation in support of the following documents: the Tenant Security Plan (TSP), DIACAP, Business Requirements

Document (BRD), or Certificate of Networthiness (CoN).

8.18 The Contractor shall evaluate and recommend tools for supporting the PEO GCS server environment. The Contractor shall coordinate and participate in the implementation and integration of the above tools and establish and populate baselines within those tools.

Task 9. Software Application Tester / Trainer / Application Helpdesk Support

9.1 The Contractor shall provide technical services for applications developed for PEO GCS organization at the United States Army Garrison-Michigan (USAG-MI) IAW with the basic PWS C.5.4 to include.

- a. Onsite support.
- b. Maintenance of the application support mailbox.
- c. Utilization of a ticket tracking system to maintain a log of open and closed support issues as well as provide monthly reports covering different support metrics.
- d. Ensuring that all authorized users have access to the necessary application(s).
- e. Coordinating assistance with appropriate individuals/organizations for elevated support.
- f. Developing test plans, use cases, test cases and system and functional test reports
- g. Analyzing, diagnosing, and proposing solutions to system problems
- h. Working with Project Leads, throughout the development lifecycle to negotiate schedules; work with developers to describe test results and ensure re-testing is provided after bugs have been fixed; working with systems team to implement test results into production; dealing with emergency and escalation processes; managing and reporting defects and quality status.
- i. Attempting to "break" the application and replicate/simulate user behavior
- j. Working closely with our developers, business analysts and project leads to understand more about what each product is meant to do, its key features and who will use it. Running functional tests, customer scenario testing, stress testing, performance testing, and scalability testing. Removing bugs and improving the quality of the finished product.
- k. Establishing and implementing standards and best practices for test development, version control and execution.
- l. Working with a diverse team responsible for producing manual and automated tests and test plans, executing them, reporting the results and maintaining an extensive test environment for system compatibility tests.
- m. Participating in Change Control meetings with stakeholders to facilitate improvements, changes or production issues.
- n. Creating application user guides
- o. Proficient at creating Onsite - Instructor led or Virtual - training materials.
- p. Coordinating with local operational teams to schedule classes based on classroom and equipment availability. Setting up the classroom technology (PCs, projectors, etc.) as required to prepare for each training session
- q. Designing, creating and delivering training in the following methods:
 - i. Classroom, Instructor-led, medium groups
 - ii. Lecture (large audience)
 - iii. Webcast and videoconference
 - iv. Computer Based Training (CBT)

- v. Web-Based training
- r. Managing large classroom environments

9.2 The Contractor shall attend and actively participate in meetings in support of the PEO GCS application development/sustainment and provide technical information supporting areas of analysis, testing, implementation and maintenance. They shall have the ability to work under aggressive deadlines and meet project commitments. They shall have excellent written and oral communication skills and demonstrate customer relationship management skills.

9.3 The Contractor shall evaluate and develop key metrics when available on usage, maintenance, age, costs and performance of PEO GCS applications in order to provide flexible in-depth reporting on the services provided, required, future trends, and issues/risks.

All actions shall be reported under CDRL A001, Monthly Status Report, under the authority of DI-MGMT-80227(T). Reports are due 45 days after contract award, then every 30 days thereafter. The Contractor may use his own format or modify the DoD format, with the COTR's approval.

Task 10. Project Server Support Administrator

10.1 The Contractor shall supply a senior level Microsoft Project Server SME with 7+ years architecting, implementing, sustaining, and troubleshooting high-end, highly available Microsoft Project Server 2007/2010 environments.

10.2 The Contractor shall review the existing Microsoft Project infrastructure, business processes, interfaces, interoperability, and then provide the direction needed to gain further efficiencies in robustness, customer satisfaction, scalability, and redundancy.

10.3 The Contractor shall provide expert level assistance in troubleshooting, fixes, customizations, and software upgrades to existing software and hardware. The contractor shall provide onsite and remote technical support services for Microsoft Project Server 2010 (N+1, N-1).

10.4 The Contractor shall provide expert level assistance to the onsite PEO GCS team to configure and modify the PEO GCS Microsoft Project Server 2010 (N+1, N-1) environment to maximize performance in accordance with industry and manufacturer best business practices with regard to hardware and software.

10.5 The contractor shall monitor for the release of all applicable patches provided by Microsoft; ensure that they have been properly tested; and then recommend whether or not they should be applied. The contractor shall assist with the installation of patches as required.

10.6 The contractor shall provide Microsoft Project Server and Microsoft Project Professional 2010 (N+1, N-1) training onsite and via web conference as requested.

Task 11. Project Server Support Technician

11.1 The Contractor shall supply a senior level Microsoft Project Professional Support

Technician with 7+ years experience customizing, configuring and maintaining a Microsoft Project Server 2007/2010 PWA Application while supporting the Microsoft Project Professional client application.

11.2 The Contractor shall resolve Microsoft Project Professional problems and issues received from PEO GCS customers. Resolution to issues will be provided via phone, email or in person depending on the situation. Solutions will be communicated to the PEO GCS Enterprise Project Management team in writing. The contractor shall resolve Microsoft Project Professional and Server 2007/2010 issues including, but not limited to:

- a. Creation of an OLAP cube
- b. Monitoring the queue
- c. Forcing the check in of project schedules
- d. Creating enterprise views
- e. Maintaining the enterprise global template
- f. Creating custom fields
- g. Creating/Maintaining reports
- h. Performing administrative restores

11.3 The Contractor shall become familiar with, and maintain quality working relationships with, the PEO GCS Microsoft Project Professional/Server user community. The contractor shall:

- a. Maintain and update the user base
- b. Maintain and update the resource break-down structure
- c. Assign, maintain and document user roles and security levels

11.4 The Contractor shall have 2+ years experience in the administrator role in Microsoft SharePoint 2007/2010. The contractor shall maintain and update Microsoft Project workspaces.

11.5 The contractor shall provide Microsoft Project Server and Microsoft Project Professional 2007/2010 training to customers onsite and remotely located. Training will be provided as required:

- a. In person
- b. Virtually via web conference
- c. Via recorded session

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. Training Certificate or C.E. Certification
a. SharePoint SME Level I	SharePoint Subject Matter Expert	Security +	Microsoft Certified Technology Specialist (MCTS)
b. Systems Engineer	Sr. Application Developer	None	None
c. Web Designer/Technical Writer - Senior	Senior Web Designer	None	None
d. Software Architect	SharePoint Administrator	None	None
e. Software Architect	Application Developer	None	None
f. . Systems Administrator	Business Analyst/Process Improvement	None	None
g. Systems Engineer	Senior Database Administrator	Security +	None
h. Systems Administrator	Application Helpdesk	None	None

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: The Contractor shall attend status meetings with the Government and NEC personnel, at the US Army Garrison- Detroit Arsenal, Warren, MI or by tele-video conferencing or audio-conferencing, IAW C.1.17, C.1.17.2 & C.1.17.8 of the Basic Contract PWS.

G. TRAVEL: All travel shall be conducted in accordance with section C.1.3.2 of the Basic PWS. Before traveling, the Contractor shall submit his estimated travel expenses to the COR for approval. All travel shall be in accordance with the DOD JTR.

H. Place of Performance: USAG-DTA, 6501 E. 11 Mile Rd, Warren, MI, 48397, Selfridge ANG Base, Mt Clemens, MI and 5500 Enterprise Drive, Warren, MI.

I. Duty Hours:

1. Contractors will work the fixed traditional full-time work schedule Monday through Friday (except for designated Federal holidays and the Friday after Thanksgiving) with a basic workday of 8-hours. A predetermined report time must be no earlier than 0600 and no later than 0900. The basic work requirement will be 8.5 hours to include a mandatory 30-minute lunch break. Earlier or later start times may be requested if needed to support mission requirements IAW the PWS C.1.9.1. and will be approved by the COTR. 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. The Contractor shall respond to after hours work as defined in the Base Contract C.1.9.4 & C.1.9.5. The COR/COTR shall direct this work in response to emergencies, outages, planned upgrades or system maintenance that must be completed outside of normal duty hours.

3. 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.

J. TRAINING: The Contractor personnel shall complete SharePoint 2010 Designer and SharePoint with Infopath training offered through the CIO/G6 in support of Task 4.0. The total cost of training shall not exceed \$453.00 each and all required training shall be approved by the COTR prior to any training expenses being incurred.

SECTION A - SOLICITATION/CONTRACT FORM

The total cost of this contract was increased by \$1,524,156.47 from \$1,051,806.10 to \$2,575,962.57.

SECTION B - SUPPLIES OR SERVICES AND PRICES

SUBCLIN 3000AC is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3000AC		1	Job	\$1,523,703.47	\$1,523,703.47 NTE

Supplemental Funding

FFP-LOE

Non-Personal Services: Task Orders shall be issued against this CLIN using the labor rates established in Attachment 1 for year 1.

Supplemental funding in support of CLIN 3000AA.

Contractor shall perform in accordance with the Performance Work Statement contained in this task order and the Performance Work Statement contained in the basic contract, W56HZV-11-D-L555. All invoicing shall be in accordance with the hourly rates for the designated job category(s) established in Attachment 1, Pricing Worksheet, of the basic contract.

For invoicing instructions see clause: 52.232-4007 Wide Area Work Flow

FOB: Destination

PURCHASE REQUEST NUMBER: 0010554478-0001

NET AMT	\$1,523,703.47
CEILING PRICE	\$0.00
ACRN AC	\$1,523,703.47
CIN: GFEB001055447800001	

SUBCLIN 3000AD is added as follows:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3000AD		1	Job	\$453.00	\$453.00 NTE

Training

FFP-LOE

Please refer to Section J. of the Performance Work Statement.

FOB: Destination

PURCHASE REQUEST NUMBER: 0010554478-0001

NET AMT	\$453.00
CEILING PRICE	\$0.00
ACRN AD	\$453.00
CIN: GFEB001055447800002	

SECTION E - INSPECTION AND ACCEPTANCE

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

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
N/A	Government	N/A	Government

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

INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
N/A	Government	N/A	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 \$1,524,156.47 from \$1,051,806.10 to \$2,575,962.57.

SUBCLIN 3000AC:

Funding on SUBCLIN 3000AC is initiated as follows:

ACRN: AC

CIN: GFEB001055447800001

Acctng Data: 0212014201420200000443435252 A.0016153.4.3.3.6 6100.9000021001

Increase: \$1,523,703.47

Total: \$1,523,703.47

Cost Code: A5XGL

SUBCLIN 3000AD:

Funding on SUBCLIN 3000AD is initiated as follows:

ACRN: AD

CIN: GFEB001055447800002

Acctng Data: 0212014201420200000443435252 A.0016153.4.3.3.5 6100.9000021001

Increase: \$453.00

Total: \$453.00

Cost Code: A5XGH

(End of Summary of Changes)