AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO.	1 CONTRACT ID CODE	PAGE	OF
		1	1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO.(If applicable)
M006	AUG 22 2012	CSO-12-138 dte 7/16/12	

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Jordan Pulaski Mail Stop: TWB-01-B10M Washington, DC 20555	3100	U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop: TWB-01-B10M Washington, DC 20555	3100

8 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	(X)	9A. AMENDMENT OF SOLICITATION NO.
MAR, INCORPORATED 1803 RESEARCH BLVD STE 204 ROCKVILLE MD 208506106		9B DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. GS35F0229K DR-33-06-317-T062
CODE 062021639 FACILITY CODE	X	10B DATED (SEE ITEM 13) 08-31-2009

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning _____ 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)
N/A.

NAICS 541511 PSC D313

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X)	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO IN ITEM 10A
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority) Bilateral Agreement

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.)

The purpose of this modification is to increase the ceiling from by $148,430.33 from $149,576.86 to $298,007.19, to provide support for ADM Certification and Accreditation efforts.

See the revised Statement of Work and Price Schedule attached.

Ceiling $298,007.19 (Changed)
Total Obligation Amount $149,576.86(unchanged)
Period of Performance 7/10/2009-7/31/2013 (unchanged)
This modification does not obligate funds; all other conditions remaining unchanged.

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)
Linda Klages Vice President, Contracts	Jordan Pulaski Contracting Officer
15B. CONTRACTOR/OFFEROR: Linda Klages (Signature of person authorized to sign) — 15C. DATE SIGNED: 8-22-12	16B. UNITED STATES OF AMERICA BY: (Signature of Contracting Officer) — 16C. DATE SIGNED: 9-25-12

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE

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

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE SEP 05 2012

ADM002

DELIVERY ORDER DR-33-06-317

TASK ORDER (62)

Office of Administration (ADMN)

Certification and Accreditation (C&A) Support

Modification to Existing Scope

This is a modification affects the following sections of the task order's SOW:

- Section 1.0 Objective
- Section 2.0 Background
- Section 3.0 Scope of Work

1.0 OBJECTIVE

The following are the systems the contractor will now support under this task order:

- *ACCESS: High Confidentiality, High Integrity, and Moderate Availability*
- *PSATS (formerly IPSS): Moderate Confidentiality, Moderate Integrity, and Moderate Availability*
- *FACMAN: Moderate Confidentiality, Moderate Integrity, and Moderate Availability*

2.0 BACKGROUND

The following systems are supported under this task order: ACCESS, PSATS, and FACMAN.

Integrated Personnel Security System (IPSS) Boundary

IPSS boundary is a combination of four (4) existing applications; Personnel Security Adjudication Tracking System (PSATS), Automated Acquisition Management System (AAMS), the Space and Property Management System (SPMS), and the Services Request System (SRS).

Automated Access Control and Computer Enhanced Security System (ACCESS)

ACCESS is a client-server based system accessible only through NRC-networked computers with the specialized client software. ACCESS identifies, authorizes, and tracks NRC agency-wide building access for personnel and contractors. ACCESS/PACS are an advanced physical access control, alarm monitoring, and intrusion detection system. At the NRC Headquarters ACCESS/PACS controls thirty-two General Electric (GE) M3000 access control panels. Each M3000 device supports up to sixteen keycard readers located at physical entry points throughout the facility, which are directly wired to the panel. Each panel is capable of maintaining a cardholder database and transaction history log, and most decisions regarding access to the facility are made at this level.

The M3000 panels are located inside secure rooms, usually in the same locations as computer networking equipment. Each M3000 is equipped with an onboard network interface card and communicates with dedicated ACCESS/PACS workstations and ACCESS servers in each of the Regional Offices and Headquarters over a dedicated Virtual Local Area Network (VLAN). A technical change request is in place to establish a Virtual Private Network (VPN) for this purpose.

ACCESS utilizes a commercial off-the-shelf (COTS) application know as, *Facility Commander Wnx* (FCWnx), provided by GE Security for all command and control functions. FCWnx is a Microsoft Windows-based

client/server application capable of integrating multiple security functions, including the management, control, and monitoring of access control, alarms, photo ID credentialing, and interfacing video surveillance, other security subsystems. FCWnx is a 32bit multi-threaded application, designed for Microsoft Windows technology platforms; with multi-user and multi-tasking capability, developed in a high level "C" language. FCWnx uses a commercially available standard database (Microsoft SQL Server) that is compliant with SQL and ODBC, and certified for the Microsoft Windows platform.

ACCESS servers use the Microsoft 2003 Server Operating System and use Microsoft SQL Server 2005 for database functions. NRC's implementation of the system relies on a *global enterprise architecture* in which the *global* server, located at Headquarters performs data synchronization and replication between *regional* servers located in data centers at NRC Headquarters, the Regional Offices and the TTC over the existing NRC LAN/WAN. The regional servers host the access control system communication for each site under their control. This communication includes access transaction data, alarm signals, schedules, badge updates and system control functions (locking/unlocking doors, acknowledging alarms, etc.). All system functions and user interactions are logged in the database, and synchronized to the global server.

ACCESS/PACS workstations perform a variety of tasks, including the provisioning of physical access rights to cardholders to open doors at NRC facilities, alarm and access control monitoring, system administration and reports. The ACCESS/PACS workstations computers are Dell Optiplex 755, running Windows XP Professional, the FCWnx client software, and are loaded with an approved hardened base configuration. The workstations communicate with the PACS servers over a dedicated virtual LAN managed by ICOD.

PCI Workstations are standard NRC seat-licensed computers provided through ITI. However, the enrollment and activation, also known as *issuance*, workstations require a specific set of peripherals and software that is unique to their respective roles within the PIV process. VeriSign's MyID8 software is the primary application used for all roles in PIV card production. Drivers and associated software must also be provided for the following peripherals:

- CrossMatch Fingerprint Capture Device (V310 USB)
- LSCAN Guardian
- SCR3310 USB Smart Card Reader
- CanoScan LiDE Scanner
- Canon PowerShot SX100 and SX110 (Camera)

It is anticipated that a separate baseline image will be maintained for ongoing support of PCI workstations.

The PCI workstations for the Sponsor, Adjudicator, and Security Officer roles are standard NRC seat-licensed computers provided through ITI support. These PCI workstations will also serve as their main PCs for everyday work. The workstations will include an SCR3310 Smart Card Reader once all of the personnel in these roles have been credentialed and the service has been switched to use the HSPD-12 credential for PCI logon.

Personnel Security Adjudication Tracking System (PSATS)

PSATS is web-based based, using browser-based technology, and a modern relational database. The application provides

- Internal data checking capability;
- Data entry validation, system alerts;
- Pick lists;

- Drop-down menus;
- System security features, such as:
    - Validating users, ensuring that only those who are authorized are able to access the information;
    - Auditing critical user and administrative actions.
- Comprehensive archiving and reporting capabilities pertaining to clearances, such as
    - The date on which clearances were applied for, approved, modified, or terminated;
    - Query and reporting functionality on current and previous clearances.

PSATS tracks and manages:

- Personnel security (security clearances, investigative and access authorizations data) and data associated with the issuance of permanent and temporary badges;
- Drug program data associated with applicant drug testing and employee random drug testing;
- Incoming and outgoing classified visit data;
- Facility clearance data associated with contractor companies.

Neither the system nor the data within it are linked directly to other electronic systems, either internal or external. Information from the Office of Personnel Management (OPM) is manually pulled into the application, and information from the application is sent manually to OPM.

PSATS provides automated notification to specified users when certain events occur. These events include:

- Employment termination
- Clearance termination
- Clearance modification
- Reinvestigations that are within a specified number of days from being due
- The due dates of information on pending or conditional clearances.

AAMS - AAMS is a family of automated acquisition tools used by the ADM Division of Contracts (ADM DC) to provide integrated electronic policy recommendation and acquisition data collection; enabling a contracting program to conform to federal law and agency policy guidelines when undertaking any acquisition. ADM DC uses AAMS to fulfill its agency responsibility for implementing Agency-wide contracting procedures, to direct and coordinate simplified acquisition grants and financial assistance activities, and to provide advice and assistance to NRC program officials regarding procurement requirements and methods for meeting program objectives consistent with such regulations. The ADM DC also utilizes AAMS to provide oversight for regional procurement activities, and to develop and administer agency guidance for contracting activities for a wide variety of goods and services on a competitive and non competitive basis. AAMS is a highly configurable commercial-off-the-shelf (COTS) product offered from Distributed Solutions, Inc.

AAMS interfaces with several systems.

1. Federal Procurement Database System–Next Generation (FPDS-NG) is a reporting tool used by agencies to track procurement data. The FPDS-NG is a Web based application operated and maintained by Global Computer Enterprises (GCE), a General Services Administration (GSA)

contractor. System functions are published as services that external systems invoke using standards over a network. The AAMS front end Web server connects to the GSA Web server and the FPDS-NG database. The ADM DC uploads contract award data and report procurement information to interested parties through the data collections and Business Intelligence reporting functions of the FPDS-NG. The interface uses both Hypertext Transfer Protocol (HTTP) and Secure Socket Layer (SSL) connections. The standard ports 80 (HTML) and 443 (SSL) must be open for the data transfers.

2. Business Partner Network (BPN) is an E-Gov initiative which houses a number of GSA-managed Web applications including:

    - AAMS communicates with the Central Contractor Registration (CCR);
    - Online Representations and Certifications Application (ORCA);
    - The Excluded Parties Listing System (EPLS).

CCR is the primary contractor (registrant) database for the U.S. Federal Government. In order to be considered for Federal agency contract and assistance awards, registrants must submit their business information to CCR. ORCA electronically collects vendor representations and certifications. This enables DC Contract Specialists to determine if a vendor is legally allowed to receive acquisition awards. EPLS, also connected to CCR, provides a comprehensive list of businesses and individuals excluded by any Federal government agencies from receiving federal contracts or federally approved subcontracts. These interfaces use both Hypertext Transfer Protocol (HTTP) and Secure Socket Layer (SSL) connections. The standard ports 80 (HTML) and 443 (SSL) must be open for the data transfers. There is no data exchange between the BPN and its web applications and ADM.

SPMS - SPMS is used by ADM/Division of Facilities and Security (DFS) to fulfill its responsibility of administering the NRC space and property management program, including property records and inventory, redistribution and disposal, office space allocation, and ensuring compliance with federal property management policies and regulations. SPMS uses the Archibus/FM14 AutoCAD Commercial off the Shelf (COTS) product from Archibus Inc. to satisfy its space planning and property management needs. ADM DFS property custodians use the intranet to update property information, and direct application access to enter space and property data into SPMS. Table 1.6-1 indicates that IPSS does not support applications.

SRS - The Service Request System (SRS) is a series of applications programmed using Delphi 2009 and Java and is accessible through the internal website that provides NRC users the ability to route their service requests directly to the staff responsible for providing the service. The following services are available to all NRC employees or contractors that have a valid LAN ID:

- U-Drive-it-Enables employees to reserve a government vehicle
- Mail Services-Facilitates the delivery of express (overnight), international, and private courier mail for employees.
- Furniture Repair-Enables employees to request repair of broken furniture

FIX-IT-Enables employees to report building problems such as heating, air conditioning, lighting, trash pickup, cleaning, pest control, electrical, plumbing, etc. The FIXIT link redirects the user to CorrigoNet which is a COTS web solution provided by Corrigo located in Wolsonville, Oregon. Corrigo manages and owns both the software and hardware from their headquarters and serves as an external system service application service provider (ASP).CorrigoNet service management software streamlines maintenance operations and service management of NRC facilities (e.g. door repair or refrigerator leakage) by coordinating work-orders between all

the players in the service delivery process: customers, service and dispatch agents, technicians and vendors, and NRC management. Users request service via a web browser to CorrigoNet via through the public internet through an https connection and maintenance contractors receive their requests via BlackBerry email. The facilities contractors, Warren Wiggins Contractors (WWC), reside onsite during work hours and possess NRC clearance. The WWC serve as the system administrator on behalf of the NRC

Request for signs-Enables employees to make requests for certain building signs

Video Teleconferencing-Enables employees to make requests for video teleconferencing sessions

Update Registration Info-Enables employees to update their office room number, mail stop, telephone number, etc.

Office equipment repair- Enables employees to make a repair request of general office equipment such as microwaves, refrigerators, etc.

Labor services-- Enables employees to make a request for furniture moves, paper deliveries, moving boxes, etc.

The following services are only available to certain NRC employees or contractors based upon individual job responsibilities or circumstances: A request is made to the SRS Project Officer who then emails the path for the applicable service to appear as an icon on that individual's desktop.

Tickets Tracking System-Allows ADM to manage and track administrative tasks

Dosimetry Tracking System (DTS)-Allows ADM to manage track the issuing of dosimetry badges

Parking Management Information System (PMIS)-Allows ADM to manage daily parking permits and monthly parking permits

Facility Management System (FACMAN)

The Facility Management System (FACMAN) is owned by the Office of Administration (ADM). ADM developed the Facility Management System (FACMAN) to meet NRC's facility management challenges. The system combines technology and human resources to provide innovative, cost-effective solutions for facility maintenance. FACMAN is designed to maximize the synergy between interrelated facilities management services such as HVAC management, facility management, and business optimization services. The goal of the system is to operate building equipment more efficiently based on various considerations such as time of day, outside temperature or customer needs.

The NRC HQ buildings are continuously monitored by NRC facility engineers and Advanced Power Control Inc. (APC), Newark, DE. The FACMAN system supports the Two White Flint North (TWFN) building and is expected to support the Three White Flint North (3WFN) building when construction is complete. It does not support the One White Flint North (OWFN) building.

3.0 SCOPE OF WORK

The contractor must ensure the system has been installed, configured, and maintained according to federally mandated and Nuclear Regulatory Commission (NRC) defined security requirements. The contractor will identify any operational risks found that may affect the system's ability to perform its mission and protect its data (stored and transmitted). The contractor shall perform the following:

Tasks	ACCESS Boundary	PSATS	FACMAN
Subtask 2 - E-Authentication Risk Assessment	Shall update when requested	Shall update when requested	Shall create or update when requested
Subtask 3 - Security Categorization Package • Security Categorization Document • Security Categorization Memo • Privacy Impact Assessment • Records Management Form 637	Shall update when requested	Shall update when requested	Shall create or update when requested
Subtask 4 - Security Risk Assessment (SRA)	Shall develop the SRA (Full listed system certification and accreditation effort)	Shall develop the SRA (Full listed system certification and accreditation effort)	Shall develop the SRA (Full listed system certification and accreditation effort)
Subtask 5 - System Security Plan (SSP)	Shall develop the SSP (Full listed system certification and accreditation effort)	Shall develop the SSP (Full listed system certification and accreditation effort)	Shall develop the SSP (Full listed system certification and accreditation effort)
Subtask 6 - Preliminary System Testing	N/A	N/A	N/A
Subtask 7 - Security Test and Evaluation (ST&E) Plan	Shall update when requested	Shall update when requested	Shall create or update when requested
Subtask 8 - System Testing • ST&E Report • Vulnerability Assessment Report (VAR) • Plan and Action and Milestone (POA&M) Report	Shall develop the VAR and POA&M Report. (Full listed system certification and accreditation effort)	Shall develop the VAR and POA&M Report. (Full listed system certification and accreditation effort)	Shall develop the VAR and POA&M Report. (Full listed system certification and accreditation effort)
Subtask 9: - Contingency Plan	Shall update when requested	Shall update when requested	Shall create or update when requested
Subtask 10 – Contingency Test Report	Shall create or update when requested	Shall create or update when requested	Shall create or update when requested
Subtask 11 - Authority To Operate (ATO) Package • Approval to Operate Memo • Package Includes Named Deliverables	Shall put together an ATO and draft the Security Assessment Report. The package must be delivered by **10/2012** for the re-authentication and then as needed. (Full listed system certification and accreditation effort)	Shall put together an ATO and draft the Security Assessment Report. The package must be delivered by **08/2012** for the re-authentication and then as needed. (Full listed system certification and accreditation effort)	Shall put together an ATO and draft the Security Assessment Report. The package must be delivered by 06/2013 for the first ATO/ATU and then as needed for re-authentications. (Full listed system certification and accreditation effort)

7.0 TRAVEL

- ACCESS – Travel will only be needed if the regional equipment needs to be certified and needs to be approved ahead of time.
- PSATS – N/A
- FACMAN – N/A