AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO.	1. CONTRACT ID CODE	PAGE	OF
		1	3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO.(If applicable)
M007	See Block 15c.	ADM-11-403	

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
U.S. Nuclear Regulatory Commission Div. of Contracts Attn: James Leedom 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.
DIGITRONICS, INC. 3918 PROSPERITY AVE STE 301 FAIRFAX VA 220313333		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-10-07-456 Modification No. 7
CODE 113434752 FACILITY CODE	X	10B. DATED (SEE ITEM 13) 09-10-2007

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) 2011-40-51-F-170 D2362 2570 31X0200 Obligate: $130,938.89
DUNS# 113434752 FFS# 113887
NAICS: 561621 PSC: N063

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.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.212-4 - Contract Terms and Conditions Commercial Items
	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.)

The purpose of this modification is:

1. Incorporate the attached Statement of Work into the contract. This SOW hereby replaces the original SOW in its entirety.
2. Replace the Price Schedule for Option Year #4 with the attached revised Price Schedule.
3. Increase the contract ceiling.
4. Incrementally fund the contract.

See pages two (2) and three (3) for details.

All other terms and conditions shall apply.

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)
Mala Grover President	Stephen Pool Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED 9/26/11
16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 9/26/11

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 28 2011

ADM002

Contract NRC-10-07-456 is hereby modified as follows:

1. The attached Statement of Work (SOW) is hereby incorporated into the contract. It replaces the original SOW in its entirety.

2. The ceiling of the contract is hereby increase by $130,938.89 from $869,480.65 to $1,000,419.54.

3. Incremental funding in the amount of $130,938.89 is hereby obligated. Funds are increased by $130,938.89 from $776,103.19 to $907,042.08. All additional work (Task 5 – 12 is fully funded).

4. The below Prices Schedule hereby replaces the Price Schedule for Option Period #4 in its entirety. This schedule shall be employed during Option Period #4.

Price Schedule – Option Period #4

CLIN 005 – Option Period #4			
Task 1 – Perform Maintenance on the NRC Headquarters Facilities Security System. Firm Fixed Price	12 MOS	$ 6,812.87	$ 81,754.40
Task 2 Ceiling – Perform special projects regarding the installation, relocation, removal, or reconfiguration of individual security system components, as needed.	1 LOT	$79,326.20	$ 79,326.20
Task 3 – Respond to the NRC headquarters or leased facility in an emergency call role within 2 (two) hours after notification, as needed. Labor Hour - Rates are $112.30 during normal business hours (8am – 5pm M-F) and $168.45 for calls after hours, weekends and holidays.	3 EA	$ 751.27	$ 2,253.81
Task 4 – System Support Agreement w/ GE. The period of performance is 10/01/11 – 09/30/12. Firm Fixed Price	1 LOT	$ 8,463.67	$ 8,463.67

Task 5 – Security System for Consolidated test Facility w/ GE. Refer to attachment for part numbers. Firm Fixed Price	1 LOT	$ 7,383.56	$ 7,383.56
Task 6 – Service Support Agreement from 10/1/11 until 1/15/12 w/ GE. Refer to attachment for part numbers. Firm Fixed Price	1 LOT	$10,369.65	$10,369.65
Task 7 – Service Support Agreement from 1/16/12 until 9/30/12 w/ GE. Refer to attachment for part numbers. Firm Fixed Price	1 LOT	$ 7,340.28	$ 7,340.28
Task 8 – Firm Fixed Price to Install Software and Test in CTF	1 WEEK	$ 4,492.00	$ 4,492.00
Task 9 – Firm Fixed Price to Provide Hardware Maintenance at Regions and TTC.	12 MOS	$ 4,492.00	$53,904.00
Task 10 – Firm Fixed Price to Provide Software Maintenance at Regions and TTC.	06 LOCALS	$ 5,390.40	$32,342.40
Task 11 – Respond to Emergency Calls at Regions and TTC. Labor Hour. - Rates are $112.30 during normal business hours (8am – 5pm M-F) and $168.45 for calls after hours, weekends and holidays.	60 HOURS	$ 168.45	$10,107.00
Task 12 – Travel Ceiling for Trips to Regions and TTC. (Ceiling) - Shall be conducted in accordance with Federal Travel Regulations.	01 LOT	$ 5,000.00	$ 5,000.00
Total Ceiling for Option Period #4			$302,736.97

All other terms and conditions shall remain unchanged.

MAINTENANCE AND REPAIR OF IDS ALARM EQUIPMENT, ACCESS CONTROL SYSTEM, AND CCTV EQUIPMENT AT NRC HEADQUARTERS AND REGIONAL BUILDINGS

I. PURPOSE

The NRC requires a Scheduled Maintenance and Technical Support Program designed to meet the daily service requirements, inspection and testing security system needs of an integrated security system located in the NRC Headquarters, Regional, and TTC buildings reporting to the head end unit located in Rockville, MD. In order to facilitate the maintenance and technical support of the integrated security system, the NRC requires the installation and support of a security system in a test environment.

II. BACKGROUND

The NRC is experiencing rapid staff growth to accommodate the needs of the licensing process for new power reactors to support the provisions of the Energy Policy Act of 2005. As a result of this growth, the NRC has leased new space in the Northern Capital Beltway metro area and equipped the leased space with security systems that report alarms and access control transactions to the head end unit located at the Headquarters complex in Rockville, MD. Similarly the NRC regional buildings and the TTC have been equipped with redundant security systems that join back to the Headquarters complex in Rockville, MD. These new systems, along with the systems that existed prior to the new space, require a schedule of maintenance and technical support program to prevent system failures and enable the system to be rapidly brought back on-line in the event of a system failure. Moreover, in order to ensure that regular updates and software patches do not disrupt the functionality of the security system in production, the NRC must install and maintain a security system in the Agency's test environment, the Consolidated Test Facility (CTF).

III. SCOPE

The Contractor shall perform preventive maintenance and make repairs on the Intrusion Detection System (IDS) Alarm Equipment; Access Control System; and Closed Circuit Television (CCTV) System and all associated components that comprise the automated NRC security system. Respond to the NRC Headquarters, leased facility, Regional facility, or the TTC in an emergency call role within 2 (two) hours after notification that the system is malfunctioning to troubleshoot and repair the system back to an operational status.

IV. CONTRACT OBJECTIVES

a. A preventative maintenance program that ensures a security system that is fully functional and operational that will aid the contract guard force in that it will deter, delay, and detect unauthorized personnel attempting to gain access to NRC facilities.

b. A special projects program regarding the installation, relocation, removal, or reconfiguration of the individual security system components to enhance the current security system under the direction of the Contracting Officer Representative.

c. An emergency response by a highly trained and capable technician to NRC facilities within 2 (two) hours after notification that the system is malfunctioning to bring the system back online within 4 hours of system failure.

V. REFERENCES

The contractor shall utilize applicable technical manuals pertaining to the maintenance and repair of security system components.

VI. CONTRACTOR TASKS

The contractor shall complete the following tasks:

a. Perform Maintenance on the NRC Headquarters, Regional, TTC, and CTF Security Systems.

1. ***Assess current system needs and develop a preventative maintenance program*** for all components of the NRC security system (IDS, Access Control, CCTVs, and Monitors). This program will include work to be completed based on manufacturers' recommendations or other sound technical experience.

The contractor shall perform a visual inspection and an operational test as directed by NRC to ensure that the security system is performing at peak efficiency or to customer requirements. Preventative maintenance shall be performed in accordance with a program of standard routines as determined by technology, application, location and expertise. Repairs that include replacement parts are included. The contractor shall generate a monthly report which will include any changes and/or repairs that have been done and/or are required to insure the system is operating at peak efficiency. The report will also note any failures in the system, note any points in the alarm, note these points in operator priority and note where corrective action is required.

Disincentives: Non-compliance with this requirement will result in a deduction of $200 for each occurrence.

2. ***Construct a schedule of maintenance*** based on the current needs assessment. The project officer will approve and/or make changes to the work being scheduled to include the prioritization of the tasks to be completed.

Disincentives: Non-compliance with this requirement will result in a deduction of $200 for each occurrence.

3. ***Perform maintenance on the security systems***. The technician is required to spend 1 (one) eight-hour day per week at NRC facilities conducting maintenance. The technician will contact the project officer or designated representative upon arrival at the facility and upon departure.

Maintenance at the NRC Headquarters buildings will be performed one day each week for a period of eight hours each day, and will include time spent on-site in the White Flint complex - One White Flint North (OWFN), Two White Flint North (TWFN); Lot 4; the NRC warehouse; the NRC satellite offices; and the CTF. Additionally, this time will include remote maintenance on Regional or TTC security servers and systems.

Hardware maintenance at the Regions will be provided to each regional PACS system once a month for a period of eight hours. Maintenance will include the on-site testing of system hardware to ensure all components are working properly.

Software support will be provided to each regional PACS system for a period of one week (40 hours) fore each region of the final year of the contract. Eight additional hours are required to update each regional PACS system to current software version.

Disincentives: Non-compliance with this requirement will result in a deduction of $200 for each occurrence.

b. Perform special projects regarding the installation, relocation, removal, or reconfiguration of individual security system components under the direction and priorities of the Contracting Officer Representative.

1. ***Assess current security system component configuration*** along with the project officer and make recommendations for the reconfiguration of any components of the NRC security system (IDS, Access Control, CCTVs, and Monitors).

The contractor shall perform a visual inspection and an operational test as directed by NRC to ensure that the security system is properly configured to perform at peak efficiency or to customer requirements. A report will be generated monthly which will include any changes and/or reconfigures that have been done and/or are required to insure the system is operating at peak efficiency.

Disincentives: Non-compliance with this requirement will result in a deduction of $200 for each occurrence.

2. ***Construct a schedule of work to be completed*** based on the assessment of the system. The schedule will be attached to the monthly assessment report listed in task 2.a).

Disincentives: Non-compliance with this requirement will result in a deduction of $200 for each occurrence.

3. ***Perform technical labor and support needed to install, relocate, remove, or reconfigure individual security system components maintenance on the security systems***. The technician is required to spend 1 (one) eight-hour day per week at NRC facilities conducting these special projects. The technician will contact the project officer or designated representative upon arrival at the facility and upon departure.

Technical labor and support for these special projects at the NRC Headquarters buildings will be performed one day each week for a period of eight hours each day, and will include time spent in the White Flint complex - One White Flint North (OWFN), Two

White Flint North (TWFN); Lot 4; the NRC warehouse; the NRC satellite offices, and the CTF. Technical labor and support for special projects at the NRC Regional and TTC building will be coordinated and performed on an as-needed basis.

Disincentives: Non-compliance with this requirement will result in a deduction of $200 for each occurrence.

c. Respond to the NRC Headquarters, leased facility, Regional facility, or the TTC in an emergency call role within 2 (two) hours after notification that the system is malfunctioning to troubleshoot and repair the system back to an operational status as soon as possible. If technician is unable to bring the system back online the technician will contact the COR with a status on situation and plan to bring the system back into operational status.

Disincentives: Non-compliance with this requirement will result in a deduction of $200 for each occurrence.

THE NRC COR RESERVES THE RIGHT TO PRIORITIZE SPECIAL PROJECTS AND MAINTENANCE TO MEET DESIRED END RESULTS. THIS PRIORITIZATION MAY ALTER THE PROJECTED HOURS ALLOCATED FOR MAINTENANCE OR SPECIAL PROJECTS IN A GIVEN WEEK. SOME WEEKS MAY REQUIRE SIXTEEN (16) HOURS OF MAINTENANCE AND NO SPECIAL PROJECTS AND OTHER WEEKS MAY REQUIRE THE OPPOSITE. THE SECURITY FIRM WILL PROVIDE A HIGHLY TRAINED TECHNICIAN TO ACCOMPLISH TASKS #1 AND #2 FOR TWO (2) EIGHT HOUR DAYS EACH WEEK.

VII. CONTRACTOR QUALIFICATION STATEMENT

The contractor shall have extensive experience in the design and implementation of robust technical security solutions. The contractor shall also supply a highly competent workforce trained to provide the right balance of expertise and advanced technology to fulfill the specific needs of the client. The contractor's objectives should be to:

a. Increase occupant safety, reduce risk and liability, provide a better sense of security, and minimize overall operations cost;

b. Use solutions approach rather than a technical approach to solving problems where operational results are given priority over technical implementations; and

c. Support the NRC with an in- depth infrastructure organized to deliver the operational results required.

The NRC requires a maintenance program that offers a superior level of support through a team of responsive, highly skilled professionals. The quality of the contractor's performance will directly impact on the agency and its ability to meet business goals.

The contractor shall have expertise in transforming technology into practical security solutions and demonstrate knowledge shaped by decades of practical experience applying the most advanced solutions across multiple locations for a wide clientele. Moreover, contractor skills are expected to be finely honed through regular attendance at advanced security training courses. The extraordinary individual and collective efforts exhibited each and every day by the staff

should characterize their customer commitment, rooted in teamwork, responsiveness, intelligence and precision.

VIII. KEY PERSONNEL REQUIREMENTS AND QUALIFICATIONS

The contractor shall provide a highly trained maintenance and service technician(s) (Casi-Rusco and GE/UTC certified) for a period of one year (52 weeks) with option years. The technician shall be trained on the Casi-Rusco Picture Perfect Access Control and Badging System and the GE/UTC Facility Commander application, and will be familiar with Panasonic CCTV equipment, including the Panasonic Digital Video Recording Systems, as well as Moose Alarm Panels and associated Intrusion Detection equipment.

The technician(s) shall be responsive to requests by the NRC Security Staff to clear any problems, including the troubleshooting and repair or replacement of any piece, part, and assembly, and so on to make the equipment one hundred percent (100%) operational. The technician shall develop and implement a schedule of tasks to be performed with the approval of the NRC Project Officer.

A critical requirement for this facility is to have a service representative perform maintenance on a weekly basis. The assignment of the same technician will provide familiarity with the site and responding to the same location will save time and duplication of effort for the NRC.

IX. PERSONNEL SECURITY AND FACILITIES CLEARANCE REQUIREMENTS

Contractor personnel assigned to this contract shall be required to possess at least an "L" personnel security clearance in accordance with the Statement of Work. Security clearances will be issued by the NRC.

a. Pre-Employment Checks

The contractor shall conduct a pre-employment background investigation on each employee applying to work under this contract. The investigation shall include, but not be limited to:

1. A criminal record check as authorized by local laws, at locations where the employee has lived the last 5 years and at all locations where the employee will perform contract services;

2. A check to ensure the individual is in compliance with the Lautenberg Amendment (Section 921(a), Title 18, U.S.C., Paragraph (33) (A)).

3. A past employment check going back for the past 5 years, or to the employee's 18th birthday;

4. A check of a minimum of three personal reference checks (one of which shall be a developed source;

5. A commercial credit investigation.

The contractor shall provide written certification to the NRC Project Officer or designee that pre-employment checks have been conducted and are satisfactory or are in process

for employees nominated by the contractor for placement in positions under this contract.

b. Suitability Determination

The contractor shall furnish the NRC Project Officer or designee with information for a suitability determination by the NRC Project Officer or designee. The contractor will be notified by the NRC Project Officer or designee if an employee fails to meet the requirements of the suitability determination. Contractor employees rejected by the NRC Project Officer or designee shall not be assigned to this contract. The following information/items are required:

1. A medical certificate issued in accordance with requirements which states that the employee has not tested positive for the use of any illegal drug. (Prescription drugs, issued by a licensed medical doctor, which cause a positive drug reading, must be stated in detail by the certifying institute or agency on the medical certificate.)

2. SF 86, "Questionnaire for National Security Positions" and required attachments.

3. FD-258 Fingerprint Card (2).

4. NRC Form 176, "Security Acknowledgment".

5. Any request for waiver of contract requirements. (Requests for waiver must reflect the circumstances that justify the waiver request. A denial of waiver by the NRC Project Officer or designee will eliminate the employee from assignment to this contract.)

NOTE: If the employee indicates military service on either the company application or the SF Form 86, one copy of the DD-214 (Record of Discharge) showing the type of discharge must be included in the packet.

X. CONTRACTOR RESPONSIBILITIES

The contractor shall be responsible for---

a. The contractor will need to provide labor to affect a complete service and maintenance program.

b. Furnishing all technical equipment and tools needed to assess and repair the NRC security systems.

c. Providing a 24 hour contact telephone number(s) that will facilitate and support the 2 hour response time requirement of this contract.

d. Obtaining and maintaining all required insurance, permits, and licenses (if applicable) to execute the provisions of this contract.

e. Complying with local, state, and federal laws regarding the execution of the provisions of this contract.

f. Assuring that all personnel have the requisite security clearances for working in and around the NRC facilities.

g. Reporting any damage to NRC property that may be caused by the contractor within 24 hours after occurrence of the damage.

h. Responding to the NRC Headquarters, leased facility, Regional facility, or the TTC in an emergency call role within 2 (two) hours after notification that the system is malfunctioning to troubleshoot and repair the system back to an operational status as soon as possible.

i. Notifying the COR if the technician is unable to bring the system back online within a period of 4 (four) hours of system failure or malfunction.

j. The successful execution of the "Contractor Tasks" as written in this contract.

XI. GOVERNMENT RESPONSIBILITIES

a. Assign a COR to this contract

b. Assure that the COR (or the designee) provides prompt notice of when emergency work is to be performed.

c. The COR will assist the technician in the scheduling and prioritization of maintenance work.

d. The COR will assist the contractor in the process of obtaining required security clearances (if applicable).

e. The government will supply all required power supplies or other reasonable support to facilitate the execution of the contractor tasks as written in this contract.

f. Parts will be purchased by NRC or through the contractor on a reimbursable basis.

XII. NRC SECURITY SYSTEM COMPONENTS

The NRC security system is defined as any automated security system or component that the NRC attaches to the system's head-end unit or is monitored by NRC contract guards at any NRC controlled or leased space. The NRC reserves the right to add security hardware or software to this system to enhance the security posture of all current NRC facilities to include the possibility of future NRC leased space.

The following is a description of current NRC security system(s) and associated components:

a. Access Control System

NRC's implementation of the access control system utilizes a global enterprise architecture in which the "global" server located at headquarters will perform data synchronization and replication between "regional" servers located in data centers at NRC headquarters, regional offices and 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.

NRC's implementation of the access control system also requires the installation and maintenance of a test environment to ensure that regular updates and software patches do not disrupt PACS functionality in the production environment.

A visual inspection and operational test of the covered components of the access control system will be performed routinely as to insure that all devices are operating properly. The equipment will also be checked for damage and proper electrical connections. Devices will be exercised to determine proper entry grant or entry denial, verification of door status alarm operation and exit requests, test of controller/terminal communications, operation of standby supplies on battery power and activation of lock hardware to ensure capture and release of doors as intended.

The following tasks are examples of scheduled maintenance on an access control system which should be performed monthly. The list is not all-inclusive.

- Clean all devices per manufacturers recommendations
- Confirm that all connections are secure
- Verify that all devices are securely mounted
- Verify ground connections
- Verify lock power is correct for locks
- Test door contacts for proper operations
- Verify range of all prox readers
- Verify operation of all devices
- Verify fiber is not bent or crimped
- Perform ten valid card reads
- Replace batteries as needed
- Note any wear and tear and/or damage to any devices
- Lubricate moving parts as required
- Review history report for correct system operation
- Check all loops for communications errors
- Archive all history data

b. Intrusion Detection Systems

The NRC buildings contain alarm systems; all containing Moose alarm panels, and various alarm points including water and temperature sensors, Sentrol Passive Infrareds (PIRs) and contacts. These alarms are monitored in the NRC's Central Alarm Station through the Access Control Systems' Alarm Input Boards.

A visual inspection and operational test of the covered components of the intrusion detection system will be performed to investigate for damage, misalignment, tampering or obstruction of devices. Operational testing will insure proper detection of entry into protected areas or space. All peripheral alarm devices will be tested for alarm indication and receipt of the alarm message at the monitoring point. Devices will also be checked for proper alignment in the space in which they are installed.

The following tasks are examples of scheduled maintenance on an intrusion detection system which should be performed monthly. This list is not all-inclusive.

- Test all motion devices for correct fields of view.
- Clean all devices and cabinets
- Verify that all devices are securely mounted
- Verify power source for correct voltage
- Test all devices for correct operation
- Verify history report for proper reporting
- Inspect power supply for signs of overheating
- Note any wear and tear and/or damage to any devices
- Arm/disarm the system several times
- Measure battery voltage and replace batteries if necessary
- Load test battery with AC removed
- Verify control is receiving proper signals.

c. CCTV Systems

A visual inspection and operational test of the covered components of the CCTV system will be performed. The contractor will verify transmitted picture quality, inspect cable connections, alignment and seals. Contractor will activate cameras for proper movement and operation, activate controllers and motors for proper response to automatic or manual commands and check the operation of switchers for proper settings and sequencing of inputs. Digital recorders and other recording devices will be checked for settings, picture quality and response to alarm activation.

The following tasks are examples of scheduled maintenance on a CCTV system which should be performed monthly. This list is not all-inclusive.

- Clean all devices where possible
- Verify that all connections are secure and free of damage
- Verify power source for correct voltage
- Verify all used channels of multiplexers are operating as designed.
- Verify focus
- Verify all control functions are operating
- Verify all programming sequences are correct

d. Current Equipment List

CURRENT EQUIPMENT LIST		
LOCATION	**QTY**	**DESCRIPTION**
OWFN		
	8	Casi-Rusco Micro/5PXN Panels
	16	Casi 8RP Boards
	16	Casi DI board
	16	Casi DO boards
	8	Power Supplies
	80	Access Specialties TC-100 Touch Readers

CURRENT EQUIPMENT LIST		
LOCATION	**QTY**	**DESCRIPTION**
	80	Access Specialties RI-110 interface boards
	80	Access Specialties CKF-100 flush mount or CKS-100 surface mount installation kits
	80	Electronic Locking Devices
	80	RTE Motions
	40	RTE Buttons
	20	Duress Buttons
	1	Lot Wireless Receivers
	1	Lot Repeaters
	55	Moose Alarm systems 30 Water Alarms
	30	Temperature sensors
	100	Sentrol Passive Infrareds (PIRs) 100 Door Contacts
	14	Panasonic PTZ Interior cameras
	14	Panasonic PTZ Exterior Cameras
	1	Camera Power Supply
OWFN Central Alarm Station 'head-end'		
	1	WJ-CU550A Matrix Controller 1 WJ-SX550A Matrix Card Cage
	1	WJ-AD550 Matrix Expansion Card Cage
	8	WV-PB5504A 4-ch video output boards
	7	WV-PB5508 8-ch video input boards
	10	WV-CM1000 9" color monitors
	3	WV-CM1450 14" color monitors
	5	WJ-HD316A/1500 16-CHANNEL Digital Video Recorders
	5	Dell laptops for remote network viewing and controlling of CCTV cameras
	20	BTX YV-CA64M loop-through cables
	8	WV-CM1000 9" monitors placed at the Guard's desks throughout the building.
	1	Fargo Printer
	1	Picture Perfect Main Server w/UPS
	1	Remote Redundant Server in TWFN
TWFN		
	9	Casi-Rusco Micro/5PXN panels
	18	Casi 8RP Boards
	18	Casi DI Board
	18	Casi DO Board
	9	Power Supplies
	75	Access Specialties TC100 Touch Readers
	75	Access Specialties RI -110 Reader Interface boards
	75	Access Specialties CKS-100 surface mount or CKF-100 flush mount installation kits
	75	RTE Motions
	40	RTE Buttons

CURRENT EQUIPMENT LIST		
LOCATION	**QTY**	**DESCRIPTION**
	20	Duress Buttons
	1	Lot Wireless Receivers
	1	Lot Repeaters
	109	Moose Alarm systems
	50	Water Sensors
	50	Temperature sensors
	100	Sentrol Passive Infrareds (PIRs)
	150	Door Contacts
These alarms are monitored in the NRC's Central Alarm Station through the Access Control Systems' Digital Input Board		
	17	Panasonic Interior PTZ Cameras
	15	Panasonic Exterior PTZ Cameras
	1	Camera Power Supply
Lot 4 - Marinelli Drive		
	7	Panasonic Pan-Tilt-Zoom cameras on poles
	1	Camera Power Supply
	14	Fiber Transmitter units
	1	Fiber Card Cage
	1	Lot Fiber Connectors and Patch Cords
	1	9" Monitor
Warehouse - Boiling Brook Drive		
	1	Moose Z1100e alarm panel with Keypad
	4	Sentrol 2707 roll-up door contacts
	6	Sentrol 1076CW door contacts
	6	Sharpshooter PIRs
	1	Aiphone NE-DA audio-only intercom substation
	1	LEF-5 master station
	9	Panasonic Cameras
	1	Panasonic 16-channel multiplexer
	1	Panasonic T-L VCR
	2	l0-inch monitors
	1	Camera Power Supply
Inspector General Office - Next Door		
	1	Moose Z1100e alarm panel with keypad
	1	Sentrol 1076 CW contact
	1	Ceiling-mount PIR.
6003 Executive Blvd:		
	1	Casi-Rusco Microj5PXNPlus, M5PRMSP alarm panel with modem option
	1	Casi-Rusco 8RP board
	1	Casi-Rusco 20DI board
	1	Casi-Rusco dial-up modem
	24	Access Specialties TC100 card readers
	24	Access Specialties RI-110 interface boards

CURRENT EQUIPMENT LIST		
LOCATION	**QTY**	**DESCRIPTION**
	24	Access Specialties CKF100 installation kits
	24	12VDC 7 A power supplies
	24	Folger-Adams 310-4 electric strikes
	1	Caddx NX8E alarm panel
	1	12V 7 A back-up battery
	2	Caddx NX-216E expansion boards
	14	Caddx NX-148E LCD keypads
	30	Sentrol 1076C contacts
	35	Detection Systems DS776Z wall mounted PIR
	1	Aiphone KCS-1ARD video Intercom Kit includes KCDAR video intercom, KC1MRD video handset, PS2410C power supply
	1	Aiphone IER-2 chime
	6	Panasonic WV-CP484 fixed color cameras
	6	Panasonic WV-LSA61j2S 3.8-8mm AI lenses
	6	Panasonic PRC201A wedge mount housings
	1	Panasonic WV-CS954 Pan-Tilt-Zoom camera
	1	Panasonic WJ-HD316Aj1500 16-channel DVR with a 1500GB hard drive
	6	BTX PW-BT2440A transformers
	1	BTX PW-BT24100A transformer
	1	Altronix AL600ULX power supply
	1	Altronix AL300UL power supply
Bethesda Gateway Building		
	1	Casi-Rusco Microj5PXNPlus, M5PRMSP alarm panel with modem option
	1	Casi-Rusco 8RP board
	1	Casi-Rusco 20DI board
	1	Casi-Rusco dial-up modem
	5	Access Specialties TC100 card readers
	5	Access Specialties RI-110 interface boards
	5	Access Specialties CKF100 installation kits
	5	12VDC 7 A power supplies
	4	Folger-Adams 310-4 electric strikes
	2	Securitron M32F mag locks
	2	Securitron Z32 brackets
	1	Securitron BP-12- 3 power supply
	1	Detection Systems DS150i request-to exit PIR
	1	Securitron PB2E request-to-exit push button
	1	Caddx NX8E alarm panel
	1	12V 7 A back-up battery
	5	Sentrol 1078CW contacts
	3	Detection Systems DS936 ceiling mounted PIR
	2	Altronix AL600ULX power supplies

UPDATED HQ AND REGIONAL EQUIPMENT		
LOCATION	**QTY**	**DESCRIPTION**
NRC HQs	1	ACCESS HQ Regional Server
NRC HQs	1	ACCESS Global Server
Region 1	1	ACCESS Region 1 Server
Region 2	1	ACCESS Region 2 Server
Region 3	1	ACCESS Region 3 Server
Region 4	1	ACCESS Region 4 Server
TTC	1	TTC Server
NRC HQs	3	Access Workstation (PACS)
Region 1	2	Access Workstation (PACS)
Region 2	2	Access Workstation (PACS)
Region 3	1	Access Workstation (PACS)
Region 4	3	Access Workstation (PACS)
TTC	1	Access Workstation (PACS)
NRC HQs	31	M3000 Access Control Panels
Gateway	2	M3000 Access Control Panels
Executive Boulevard	3	M3000 Access Control Panels
Twinbrook	2	M3000 Access Control Panels
Church Street	6	M3000 Access Control Panels
Region 1	2	M3000 Access Control Panels
Region 2	7	M3000 Access Control Panels
Region 3	4	M3000 Access Control Panels
Region 4	6	M3000 Access Control Panels
TTC	4	M3000 Access Control Panels

e. Time and Materials Discount

To the extent possible, the contractor shall purchase all material from the GSA schedule. Provide for a 10% discount on all Time and Material Work.

XIII. DELIVERABLES

a. Within 30 days of contract award, the contractor will provide a preventative maintenance program for all components of the NRC security system. This program will have been based on the assessment of the current system needs and will include work to be completed based on manufacturers' recommendations or other sound technical experience.

b. Within 60 days of contract award, the contractor, under the guidance of the COR, will provide a special projects recommendation prioritization list regarding all components of the NRC security system. The Contracting Officer Representative (COR) will approve and/or make changes to the work being scheduled to include the prioritization of the tasks to be completed.

c. The contractor will provide a written monthly report to the COR or his designee by the 5th calendar day of the month detailing all maintenance and special project work completed in the prior month and projected maintenance and special project work for the current month. The Contracting Officer Representative (COR) will approve and/or make changes to the work being scheduled to include the prioritization of the tasks to be completed.

XIV. LIQUIDATED DAMGES

LIQUIDATED DAMAGES—SUPPLIES, SERVICES, OR RESEARCH AND DEVELOPMENT (SEPT 2000)

(a) If the Contractor fails to deliver the supplies or perform the services within the time specified in this contract, the Contractor shall, in place of actual damages, pay to the Government liquidated damages of $____*_____ per calendar day of delay.

(b) If the Government terminates this contract in whole or in part under the Default—Fixed-Price Supply and Service clause, the Contractor is liable for liquidated damages accruing until the Government reasonably obtains delivery or performance of similar supplies or services. These liquidated damages are in addition to excess costs of repurchase under the Termination clause.

(c) The Contractor will not be charged with liquidated damages when the delay in delivery or performance is beyond the control and without the fault or negligence of the Contractor as defined in the Default—Fixed-Price Supply and Service clause in this contract.

NOTE: If liquidated damages are assessed, the contractor's billings shall be adjusted for payment of liquidated and actual damages incurred by the Government. The Government also reserves the right to invoke other measure of corrective action, as a result of the contractor's

deficient performance, particularly when deficiencies are repetitive and the contractor's performance is unsatisfactory.

B.2 PACKAGING AND MARKING (MAR 1987)

The Contractor shall package material for shipment to the NRC in such a manner that will ensure acceptance by common carrier and safe delivery at destination. Containers and closures shall comply with the Interstate Commerce Commission Regulations, Uniform Freight Classification Rules, or regulations of other carriers as applicable to the mode of transportation. On the front of the package, the Contractor shall clearly identify the contract number under which the product is being provided.

B.3 PLACE OF INSPECTION AND ACCEPTANCE (MAR 1987)

Inspection and acceptance of the deliverable items to be furnished hereunder shall be made by the Project Officer at the destination.

B.4 DURATION OF CONTRACT PERIOD (MAR 1987) ALTERNATE 2 (MAR 1987)

This contract shall commence on September 10, 2007 and will expire on September 30, 2012. The term of this contract may be extended at the option of the Government for an additional 0 option periods.

B.5 SECURITY REQUIREMENTS FOR BUILDING ACCESS APPROVAL (MAR 2006)

The contractor shall ensure that all its employees, including any subcontractor employees and any subsequent new employees, who are assigned to perform the work herein, are approved by the Government for building access. Timely receipt of properly completed security applications is a contract requirement. Failure of the contractor to comply with this condition within the ten work day period may be a basis to void the notice of selection. In that event, the Government may select another firm for award.

A contractor employee shall not have access to NRC facilities until he/she is approved by the Personnel Security Branch, Division of Facilities and Security (PSB/DFS). Temporary access may be approved based on a favorable adjudication of their security forms. Final access will be approved based on favorably adjudicated background checks by the General Services Administration in accordance with the procedures found in NRC Management Directive 12.3, Part I. However, temporary access authorization approval will be revoked and the employee may subsequently be removed from the contract in the event the employee=s investigation cannot be favorably adjudicated. Such employee will not be authorized to work under any NRC contract without the approval of PSB/DFS. When an individual receives final access, the individual will be subject to a reinvestigation every five years.

The Government shall have and exercise full and complete control over granting, denying, withholding, or terminating building access approvals for individuals performing work under this contract. Individuals performing work under this contract for a period of 180 days or more shall be required to complete and submit to the contractor representative an acceptable OPM Form

85P (Questionnaire for Public Trust Positions), and two FD 258 (Fingerprint Charts). Non-U.S. citizens must provide official documentation to the DFS/PSB, as proof of their legal residency. This documentation can be a Permanent Resident Card, Temporary Work Visa, Employment Authorization Card, or other official documentation issued by the U.S. Citizenship and Immigration Services. Any applicant with less than two years residency in the U.S. will not be approved for building access. The contractor representative will submit the documents to the Project Officer who will give them to the PSB/DFS. PSB/DFS may, among other things, grant or deny temporary unescorted building access approval to an individual based upon its review of the information contained in the OPM Form 85P. Also, in the exercise of its authority, GSA may, among other things, grant or deny permanent building access approval based on the results of its investigation and adjudication guidelines. This submittal requirement also applies to the officers of the firm who, for any reason, may visit the work sites for an extended period of time during the term of the contract. In the event that PSB/DFS and GSA are unable to grant a temporary or permanent building access approval, to any individual performing work under this contract, the contractor is responsible for assigning another individual to perform the necessary function without any delay in the contract's performance schedule, or without adverse impact to any other terms or conditions of the contract. The contractor is responsible for informing those affected by this procedure of the required building access approval process (i.e., temporary and permanent determinations), and the possibility that individuals may be required to wait until permanent building access approvals are granted before beginning work in NRC's buildings.

The contractor will immediately notify the Project Officer when a contractor employee terminates. The Project Officer will immediately notify PSB/DFS (via e-mail) when a contractor employee no longer requires building access and return any NRC issued badges to the PSB/DFS within three days after their termination.

B.6 SEAT BELTS

Contractors, subcontractors, and grantees, are encouraged to adopt and enforce on-the-job seat belt policies and programs for their employees when operating company-owned, rented, or personally owned vehicles.