

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 18
2. AMENDMENT/MODIFICATION NO. M0004	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. ADM-15-0290	5. PROJECT NO. (If applicable)
6. ISSUED BY US NRC - HQ ACQUISITION MANAGEMENT DIVISION MAIL STOP TWPN-5E03 WASHINGTON DC 20555-0001	CODE NRCHQ	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) PEGASUS RADIO CORP 1202 TECHNOLOGY DR STE C ABERDEEN MD 210011245		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 036838274 FACILITY CODE		X 10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-HQ-40-14-C-0010	10B. DATED (SEE ITEM 13) 06/30/2014

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 ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: \$171,426.43

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

CHECK ONE	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 data, 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:
X	D. OTHER (Specify type of modification and authority) FAR 43.103(a) Bilateral contract modification

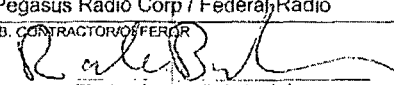
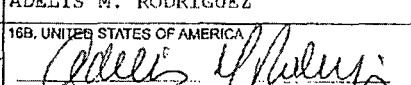
E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

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

The purpose of this modification is to modify existing statement of work to include the purchase of new equipment and upgrade existing equipment needed for the NRC's portable two-way radio emergency communications system to include all NRC occupied buildings into the system. Therefore, this modification revises the statement of work and price schedule. The modification also increases: 1) the current exercised ceiling and obligated amount by \$171,426.43 and 2) the total contract ceiling by \$195,906.43. See additional pages for details.

Period of Performance: 07/01/2014 to 06/30/2016

Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Rick Burke, VP/IGM Pegasus Radio Corp / Federal Radio		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) ADELIS M. RODRIGUEZ	
15B. CONTRACTOR'S PERFOR  (Signature of person authorized to sign)	15C. DATE SIGNED 9/24/15	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 9/25/15

NSN 7540-01-152-8070
Previous edition unusable

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

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

OCT - 1 2015

ADM002

The purpose of this modification is to modify existing statement of work to include the purchase of new equipment and upgrade existing equipment needed for the NRC's portable two-way radio emergency communications system to include all NRC occupied buildings into the system. Accordingly, the following changes are made:

1. Attachment No. 001 is replaced with the attached statement of work.
2. The current exercised ceiling and obligated amount by \$171,426.43 from \$189,018.28 to \$360,444.71. The total contract ceiling is increased by \$195,906.43 from \$265,950.28 to \$461,856.71. Therefore, section B.2 entitled: Consideration and Obligation – Firm Fixed Price is modified to read as follows:
The total amount of the firm-fixed priced portion of this contract is \$360,444.71 and this amount is fully funded.
Base Period: \$166,938.28
Option year 1: \$193,506.43 (already exercised)
Option year 2: \$33,804 (not yet exercised)
Option year 3: \$33,804 (not yet exercised)
Option year 4: \$33,804 (not yet exercised)
3. Attachment No. 002, Price Schedule is revised with the one attached.

All other terms and conditions remain unchanged.



ATTACHMENT NO. 001 NRC-HQ-40-14-C-0010 STATEMENT OF WORK

STATEMENT OF WORK (SOW)

(Completion-type)

PORTABLE TWO-WAY RADIO EMERGENCY COMMUNICATIONS SYSTEM

- C.1 Title of Project
- C.2 Introduction
- C.3 Background
- C.4 Type of Contract Contemplated
- C.5 Scope of Work
- C.6 Work Requirements
- C.7 Access to Government Property and Facilities
- C.8 Place of Performance
- C.9 Recognized Holidays
- C.10 Hours of Operation
- C.11 Security Requirements
- C.12 Physical Security
- C.13 Deliverables and Delivery Dates
- C.14 Post-award Orientation (kickoff) or Periodic Progress Meetings:
- C.15 General – Contractor Personnel



ATTACHMENT NO. 001 NRC-HQ-40-14-C-0010 STATEMENT OF WORK

DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 Title of Project

This is a non-personal services contract to provide a Portable Two-Way Radio Emergency Communications System.

C.2 Introduction

The U.S. Nuclear Regulatory Commission (NRC) seeks the design and installation of an integrated two-way radio system for all NRC-occupied buildings, including, but not limited to: Headquarters in Rockville, Maryland; Region I in King of Prussia, Pennsylvania; Region II in Atlanta, Georgia; Region III in Lisle, Illinois; and Region IV in Arlington, Texas. Design and installation must be from qualified and responsible sources and/or Government Shared Service Providers that are currently capable of providing solutions for the requirements described in this Statement of Work (SOW). The system design must demonstrate uninterrupted clear two-way radio communication within any NRC building and the ability to provide communication between the NRC's Headquarters buildings and the NRC regional locations. Additionally, the system must provide clear two-way radio communication between NRC's One, Two and Three White Flint Buildings (NRC Headquarters complex) at all times. The two-way radio system shall be technologically adaptable and remain technically relevant for ten (10) or more years.

The contractor shall provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items and non-personal services necessary to provide a two-way radio system for all NRC occupied buildings as defined in this SOW, except for those items specified as Government-furnished property and services. The contractor shall perform to the standards in this contract/order.

C.3 Background

The NRC seeks to purchase additional equipment and accessories, such as additional radios, chargers, and mindshare consoles, needed for the NRC integrated two-way frequency modulation (FM) radio multiple-channel communications system that will provide real-time communications capability throughout NRC-occupied buildings. This system will support the execution of the NRC's Continuity of Operations (COOP) and Occupant Emergency Plan (OEP), as well as other mission critical security functions and operations. A two-way radio system is required to significantly improve the efficiency and effectiveness of communications between NRC staff during emergencies and security operations at all NRC-occupied buildings.

C.4 Type of Contract Contemplated

The contract type contemplated for this requirement is firm fixed price.



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C.5 Scope of Work

The NRC requires reliable portable emergency radio communications equipment and accessories for emergency and security applications. The contractor shall assess, identify, and eliminate any areas with unreliable or limited reception (dead spots) within all NRC buildings. The contractor shall further assess the correct infrastructure to be installed or made available to achieve total operability and communications throughout NRC Headquarters and any other regional location over the NRC network. The installed system shall address and correct all existing dead spots ensuring reliable and unobstructed communications. It will be the responsibility of the Contractor to eliminate all dead-spots by identifying all that exist and assessing what infrastructure needs to be installed or made available to achieve total operability and communications throughout the NRC buildings. The contractor will provide a technical design and support with developing a technical overview to ensure the appropriate hardware requirements are communicated to the NRC project manager.

The NRC Headquarters (HQ) facility will consist of the following:

- OWFN - Eighteen floors, five parking garage levels, and one penthouse equaling three floors.
- TWFN – Ten floors and five parking garage levels.
- 3WFN - Fourteen floors, five parking garage levels, and one penthouse equaling three floors.
- In addition and within the contract period, coverage for projected NRC facilities is required as they are incorporated into NRC Headquarters space to ensure full communications coverage.

This project shall result in providing clear, reliable, and unobstructed transmission and reception throughout all NRC-occupied buildings and exterior areas in close proximity, within one (1) mile, of the NRC-occupied buildings. The following locations must also have the capability to receive the aforementioned radio transmission:

- Within exterior evacuation assembly areas (different floors)
- Exterior of the building to interior
- Interior of the building to exterior

The contractor shall explore options to minimize project costs or consider other recommendations without the need for acquisition of additional hardware or materials beyond those originally proposed.



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The radios will be stored in office environments and vehicles that may expose them to heat and sunlight, but will need to work under various other weather conditions, such as heat, sunlight, snow, ice, and water. The radios must meet or exceed the IP55 requirements for dust-protection and water jet resistance.

The Contractor shall perform or develop all work in accordance with the following:

- National Fire Protection Association (NFPA)
 - NFPA 70 – National Electrical Code (NEC) 2008 Edition
 - NFPA 101 – Life Safety Code
 - NFPA 80 – Standard for Doors and Other Opening Protectives
- Underwriters Laboratory (UL)
- American Society for Testing and Materials (ASTM)
- National Electrical Manufacturers Association (NEMA)
- Federal Communications Commission (FCC)
- Building Industry Consulting Services International (BISCI)
- International Building Code (IBC) 2003 Edition
- Local Authority Having Jurisdiction (AHJ) and Codes

In order to better evaluate the NRC's current facility configuration and equipment, the Contractor shall be offered the opportunity to survey and assess NRC buildings, if feasible.

C.6 Work Requirements

The contractor shall provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items and non-personal services necessary to provide a two-way radio system for NRC buildings as defined in this SOW, except for those items specified as Government-furnished property and services. The contractor shall perform to the standards in this contract.

TASK AREA 1: Minimum Functional Requirements and Minimum Portable Two-Way Radio Equipment Requirements

Executive radio with enhanced features. Each enhanced radio shall have, at least, the following features and capability:

- FIPS 140-2 compliant two-way radios with standard, off-the-shelf functionality Radios shall use encryption to prevent unauthorized listening
- Radios shall use rechargeable batteries

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- Radios shall be provided "test ready" with desktop chargers or charger cradles using standard electrical voltages
- Radio battery life shall be a minimum of 8 hours use between charges
- The radio shall have a low-power warning signal (visual or audible)
- The radio shall have ability to minimize back-ground noise (interferences) due to traffic or other activities.
- Each basic radio shall have four at least channels programmed
- Each portable radio shall be provided with a hands free push to talk microphone and earpiece for tactical applications
- Stun feature
- Supplied with a belt clip and back-up battery
- Have the ability to generate announcement calls to all radios
- For two-way communications, radios shall include a digital read-out identifying the 'in use' user. Digital readout that is easy to read in indoor and outdoor conditions, bright light and low light conditions.

Channels will be on the repeater and NRC network. The four basic channels shall be:

- Security Channel
- Facility Channel
- OEP Channel 1
- OEP Channel 2

Mindshare Console and other concurrent equipment:

- The contractor shall ensure that optimal coverage is provided to handle the network and audio connection required for the radio system at all NRC buildings.

Repeaters:

- The contractor will ensure that the base station operates with simplex or direct radio to radio manner and communicates over the NRC network. The contract shall further ensure that audio streams from the regional base stations and headquarters repeaters are encrypted, and that the transmission is only decoded when received at the portable or desktop base station.

Keyloader Device:

- The contractor shall keyload all radios operating within the NRC radio communication system to ensure keyload compatibility between various vendors and any additional radios.

TASK AREA 2: Radio Communications Equipment Acquisition and Installation

- The Contractor shall procure all equipment to provide a comprehensive FIPS 140-2 compliant FM radio system solution.
- The locations must have power and network drop.

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- The contractor shall ensure that all radio equipment is available as Commercial off-the-shelf (COTS) equipment from the manufacturer. The contractor shall not use customized hardware.
- The manufacturer shall authorize the radio equipment integrator for sales and servicing of all equipment.
- The Contractor shall possess any manufacturer's certification for proposed radio equipment.
- The Contractor shall review and install any new cabling and hardware components as required by code.
- The Contractor shall inspect all purchased equipment and materials upon delivery from the manufacturer or distributor to ensure it meets contractual requirements and specifications.
- The Contractor shall maintain records that document receipt and inspection of all equipment and components for this project including but not limited to: Packing slips, product nomenclature, part number(s)/ serial number(s), and quantity. The contractor shall develop an equipment receiving report containing all information. The contractor shall deliver this equipment receiving report to the COR upon delivery and acceptance of the system.
- The Contractor shall install, configure and test all components and equipment prior to final acceptance.
- The Contractor shall convey and provide standard manufacturer's warranty.
- The Contractor shall work with the COR and security representatives to determine the optimal placement of antenna, repeaters, and any other related equipment or systems.
 - The Contractor shall proceed with equipment installation in the buildings only after the COR provides the Contractor with the appropriate building permits issued by the NRC Facilities Maintenance Branch (hot work permits, electrical lock-out permits, etc.)
 - Note that permits required by Federal, State, Municipal and/or local codes are the responsibility of the Contractor and are covered under section 2.4.7.
- The Contractor shall provide maintenance on equipment in accordance with the terms and conditions of any warranty issued with the equipment and the standard manufacturer's warranty.
- The Contractor shall identify a clear procedure on how to identify equipment and systems needing maintenance and the associated maintenance process.

TASK AREA 3: PROJECT MANAGEMENT

- The Contractor shall deliver to the COR a proposed project plan and project schedule for the project at the project kick-off meeting. The project schedule will identify each activity, its planned start date and duration, and any dependencies that affect the initiation of completion of each task.
 - The project shall incorporate all tasks and elements required for successful completion of this project.



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- Upon COR review and acceptance, the Contractor shall deliver a formalized project schedule within five days after the project kick-off meeting.
- The Contractor shall update the project schedule weekly to reflect actual progress and shall submit updated project schedule to the COR.
- The Contractor shall furnish all needed security requirements documentation prior to the project kick-off meeting, as specified in section C. 11 of this document.
- All Contractor key personnel shall attend the project kick-off meeting in person and the COR will be provided with a list of these individual prior to the scheduled meeting. The COR will also be notified upon any change in the Contractor's key personnel.
- The Contractor shall deliver electronically, within ninety (90) days of the project kick-off meeting, a detailed installation plan in addition to the project schedule for all tasks. The document will give the COR and security representatives the opportunity to plan and support the project from a government support perspective.
- The Contractor shall coordinate scheduling of all work with the COR.
- The Contractor shall provide to the COR, a simplified block diagram that identifies quantity and location of installed equipment and associated coverage areas.
- Installation Preparation
 - The Contractor shall verify existing site conditions and requirements prior to installing any cabling and equipment for radio communications.
 - The Contractor shall investigate and acquire all permits required by Federal, State, Municipal, and/or local code requirements for fire alarm, electrical, alarm and hazardous material. The Contractor shall develop all supporting documentation required for obtaining necessary permits and provide documentation to permitting authorities
 - The Contractor shall notify the COR prior to the start of the project, any conditions that may impact the project, equipment and schedule.
 - The Contractor shall coordinate scheduling of all work at the site with the COR. The Contractor shall follow all Federal and NRC Rules of Conduct. Firearms, smoking, alcoholic beverages, illegal drugs, fighting, horseplay, and cursing on NRC property by Contractor personnel are not allowed; shall not be tolerated; and shall result in the individual or individuals being expelled from the site indefinitely.
 - The Contractor shall leave the site at the end of the day removing all trash and debris created by the installation of the new two way radio communications system.
 - The Contractor shall develop, subject to in-depth coordination and approval by the COR, the complete design of all aspects of the project including:
 - The final locations of all equipment, routing of all new conduit and cabling, electrical power supply to all elements of the system, supply of all required control equipment and testing of the equipment to ensure all pieces of equipment are operational, and function according to manufacturer's specifications. The Contractor shall provide the COR 95% design drawings within 30 days of contract award.



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- **Testing Procedures**
 - The Contractor shall develop test and performance criteria and submit criteria to the COR at least four weeks prior to commencement of formal testing.
 - Within four weeks of formal testing, the Contractor shall submit a test notification to the COR to formally request commencement of final testing.
 - The test notification shall include a complete list of equipment being tested and locations to be tested.
 - The COR shall review and approve testing locations prior to commencement of tests.
 - The Contractor shall configure each piece of equipment in accordance with the SOW prior to commencing formal testing. If the COR notes any deviation from the SOW before, during or after testing, the Contractor shall bring into compliance with the SOW stated deviation.
 - Upon successful completion of all testing, the COR shall review test results and confer acceptance of the system.

- **Change Management**
 - The COR, with assistance from the Contractor and NRC Security Representatives, will coordinate change management communications and activities.
 - Implementation date(s) for changes shall be coordinated in conjunction with Contractor and NRC resource availability.

ADDITIONAL REQUIREMENTS

User Training

- The Contractor shall provide basic operations manuals and equipment specification documents.
- The Contractor shall provide a basic training plan that encompasses the basic operations of each type of radio including:
 - Selective Call
 - Group Call
 - Talkgroup ID
 - Talkback Function
 - Call Mode Selection
 - Emergency Call Function
 - GPS Position Report
 - Status Messages
 - Use of encryption
 - Point to Point communications
 - Process for communicating between NRC Headquarters and regional locations over the NRC network using the radio system
 - Error messages



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- Radio Kill, Stun and Revive (only for DFS Management and communications officer)
- Other features as identified by the Contractor or Security Representatives
- The Contractor shall communicate best practices relative to use and maintenance of equipment.
- The NRC COR shall work with the Contractor to determine time and place of training. Training shall be completed for core group of NRC staff within 3 months of implementation.

Service Level Agreement

- The Contractor shall provide a service level agreement that specifies:
 - Responsibilities of contractor for radio maintenance and replacement.
 - Guarantees and warranties related to equipment
 - Time to respond to service outages
 - Response Time to replace broken or defective units
 - Other service requirements as defined by NRC security representatives

C.7 Access to Government Property and Facilities

The contractor is permitted limited access to the Government's facilities, as specified below:

- NRC Headquarters complex
- Any regional location, as needed for installation and maintenance

C.8 Place of Performance

The work to be performed under this contract will be performed at the NRC Headquarters complex in Rockville, Maryland; and the required regional locations, including, but not limited to: Region I in King of Prussia, Pennsylvania; Region II in Atlanta, Georgia; Region III in Lisle, Illinois; and Region IV in Arlington, Texas.

C.9 Recognized Holidays

The contractor is not required to perform services on Federal holidays.

New Year's Day
Martin Luther King Jr.'s Birthday
President's Day
Memorial Day
Independence Day

Labor Day
Columbus Day
Veteran's Day
Thanksgiving Day
Christmas Day



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(See NRC Local Clause "Compensation for On-Site Contractor Personnel" (AUG 2011) and its Alternate 1 clause)

C.10 Hours of Operation

The contractor is responsible for conducting business, between the hours of 6:00 A.M. and 6:00 P.M. Monday thru Friday, except Federal holidays or when the Government facility is closed due to local or national emergencies, administrative closings, or similar Government directed facility closings. For other than firm fixed price contracts, the contractor will not be reimbursed when the government facility is closed for the above reasons. The contractor must at all times maintain an adequate workforce for the uninterrupted performance of all tasks defined within this SOW when the Government facility is not closed for the above reasons. When hiring personnel, the contractor shall keep in mind that the stability and continuity of the workforce are essential.

C.11 Security Requirements

The Contractor shall ensure that all applicable personnel working on this contract, including subcontractors, meet the following security requirements for Contractors to protect against unauthorized disclosure of Sensitive but Unclassified (SBU) data. SBU data includes, but is not limited to, information that is protected from disclosure by the Privacy Act, 5 U.S.C. § 552a. Such contractor personnel shall be subject to the NRC contractor personnel security requirements of NRC Management Directive (MD) 12.3, Part I and will require a favorably adjudicated Limited Background Investigation (LBI). All Contractor and subcontractor project personnel are subject to an FBI Criminal History investigation in accordance with the NRC's Management Directive 12.3. The Contractor shall furnish all documentation prior to the project kick-off meeting. All Contractor personnel who will be performing duties related to the SOW who require site attendance shall supply proper U.S. documentation for residency for the purpose of conducting an FBI criminal history check prior to commencing any site work.

The contractor shall submit a completed security forms packet, including the SF-86, "Questionnaire for National Security Positions," and fingerprint charts, through the COR to DFS/Personnel Security Branch (PSB) for review and favorable adjudication, prior to the individual performing work under this contract. The contractor shall assure that all forms are accurate, complete, and legible (except for Part 2 of the questionnaire, which is required to be completed in private and submitted by the individual to the contractor in a sealed envelope), as set forth in MD 12.3 which is incorporated into this contract by reference as though fully set forth herein. Based on PSB review of the applicant's security forms and/or the receipt of adverse information by NRC, the individual may be denied access to NRC facilities, sensitive information technology systems or data until a final determination is made of his/her eligibility under the provisions of MD 12.3. Any questions regarding the individual's eligibility for IT Level I approval will be resolved in accordance with the due process procedures set forth in MD 12.3 and E.O. 12968.



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Applicable personnel may be unacceptable under this contract if their NAC and FBI Criminal History investigation reveals, including, but not limited to:

- Conviction of a felony;
- Crime of violence or a serious misdemeanor;
- Record of arrests for continuing offenses; or
- Failure to file or pay Federal income tax

The Government reserves the right to determine if a Contractor employee assigned to a task shall continue with the task. The Contractor shall agree to remove the person assigned within one business day of official notification by the Government and provide a replacement within five business days. New hires or substitutions of personnel are subject to the NAC and FBI Criminal History investigation requirement as well.

The contractor is responsible for ensuring that all its employees, including any subcontractor employees and any subsequent new employees who are assigned to perform the work on site, are approved by the NRC for building access.

Contractor personnel performing work under this contract shall satisfy all requirements for appropriate security eligibility as specified in the contract/order in dealing with access to sensitive electronic information and information systems belonging to or being used on behalf of the NRC.

All costs associated with obtaining clearances for contractor-provided personnel will be the responsibility of the contractor. Further, the contractor will be responsible for the actions of all individuals provided to work under this contract/order. If damages arise from work performed by contractor-provided personnel under the auspices of this contract/order, the contractor will be responsible for all resources necessary to remedy the incident.

Applicable personnel shall wear NRC-issued identification badges when working in Government facilities. In response to HSPD 12, the Department of Treasury has initiated a program for improving the identification and authentication of Federal contractors for access to Federal facilities and electronic and information technology (EIT) systems. Federal contractor employees with access to Federal facilities and information systems are required to comply with standards developed for the *Personal Identity Verification (PIV) of Federal Employees and Contractors* in order to satisfy the requirements of HSPD 12. These standards require the creation of biometric data cards and systems to identify contractor employees. Biometric data includes personal identification information such as fingerprints and facial images and allows this personal information to be electronically stored, maintained, and accessed by the Government. All data required by Treasury's PIV system will be provided by contractors before access to Federal facilities and information systems are granted. All contractors shall comply with HSPD-12 requirements as they are implemented or changed.

(See NRC contract security clauses)



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C.12 Physical Security

The contractor shall be responsible for safeguarding all Government property. At the close of each work period, Government facilities, equipment, and materials shall be secured.

C.13 Deliverables And Delivery Dates

- The Contractor shall commence system design upon contract award.
- Within 5 days of contract award, the Contractor Key Personnel shall attend a kick-off meeting to be held at NRC Headquarters.
- Within 30 days of contract award, the Contractor shall have completed installation of all required components and equipment for radio operations.
- At the completion of installation, the Contractor shall provide to the NRC COR, a complete inventory list of installed equipment. The list shall include name/description of item, part number, serial number, date of installation, location installation, warranty period and date of warranty expiration.
- Within 90 days of contract award, the Contractor shall complete all testing of equipment to ensure 100% NRC campus coverage.
- At the completion of testing, the Contractor shall provide to the NRC COR, a complete list of test locations, signal strength and pass/fail results.
- For purposes of pass/fail, signal transmission/reception of voice must be clear and understandable in each test area.
- For testing purposes, signal transmission/reception must pass from the highest point on the NRC campus to the lowest point on the NRC campus.

C.14 Postaward Orientation (kickoff) or Periodic Progress Meetings

The contractor agrees to attend any post-award conference convened by the contracting activity or contract administration office in accordance with FAR Subpart 42.5.

The CO, COR, and other Government personnel, as appropriate, may meet periodically with the contractor to review the contractor's performance. At these meetings the CO will apprise the contractor of how the government views the contractor's performance and the contractor will apprise the Government of problems, if any, being experienced. Appropriate action shall be taken to resolve outstanding issues. These meetings shall be at no additional cost to the Government. The contractor may be required to meet with the COR and CO at the beginning of contract/task order performance. Meetings will be scheduled as needed. The contractor may request meetings whenever a discrepancy exists and no mutual resolution is apparent.



ATTACHMENT NO. 001 NRC-HQ-40-14-C-0010 STATEMENT OF WORK

C.15 General – Contractor Personnel

Contractor Employees

The contractor shall not employ persons for work on this contract if such employee is considered by the contracting officer to be a potential threat to the health, safety, security, general well-being or operational mission of the installation and its population.

Contractor personnel shall present a neat appearance and be easily recognized as contractor employees. Contractor personnel attending meetings, answering phones, and working in other situations where their status is not obvious are required to identify themselves as such to avoid creating the impression that they are Government officials.

The contractor shall not employ any person who is an employee of the U.S. Government if employing that person would create a conflict of interest. Additionally, the contractor shall not employ any person who is an employee of the NRC, unless such person seeks and receives approval according to NRC regulations.

Base Year

Item No.	Part No/	Qty	Description	Unit Price	Total
1	D80DS31		Icom 4 watt UHF P25 FIPS compliant radio		
2	BC119N		Single Unit Charger		
3	BC121NF70		Multi-unit Charger		
4	F2721DSP		Icom UHF FIPS Base Station		
5	SM26		Base Station Microphone		
6	MOTHM		3" Magnetic Mount		
7	696580		Phantom Antenna		

Radio Accessories

8	I5-PRSM-HD3		Handheld Speaker Mic w Clip For 4101D		
9	AT-6		Earpiece for Speaker Mic		
10	GRSMA-3.5L-SH		Coiled Cord Short L		
11	IM-7060 CBWD		Nylon Case for F80 w/d ring		
12	ZZ-1000		Nylon Cary Strap		
13	BP254H		Spare Li-ion Battery		

2WFN Repeaters

14	RFT P25 UHF		UHF Repeater FIPS AES		
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Fiber Optic Distribution

15	OMU-I		Optical Master Unit		
16	BSF434A		Fiber Optic Repeater		
17	Install/ PM		System Install and Project Mngt		
			TOTAL FIPS AES RADIO SYSTEM		

18	Trade-in Port		Icom F4101/F4161 Portable trade in		
19	Trade-in Fixed		Fixed End Repeaters trade in		
			TOTAL TRADE-IN VALUE		

TOTAL EQUIPMENT & INSTALLATION

20	IDOR 1.50		Airtime Subscription Service (Frequency lease) radio/month * months		
21	RA-1		Transmitter / Receiver System Maintenance Chassis/mo * 12 months		

TOTAL BASE YEAR \$166,938.28

Option Year 1

Dispatch Position Equipment

22	10500MAXPLUS		Console Processor and Audio Adapter		
23	ELO2201L		Touch Screen Monitor 22" Widescreen, stand and cables		
24	10050MS-1		Dispatcher Speakers (2 per position)		
25	Mindshare-DM		Console Desk microphone w 7' cable		

Item No.	Part No/	Qty	Description	Unit Price	Total
26	OPT-FTSW		Console Position Footswitch, Single		
27	MS-FIPS-USB		FIPS USB Encryption Interface		
28	MS-100SL		Console Application Seat License		
29	OPR-UPS		Console Position UPS 1500VA		
Total Dispatch Equipment					
Infrastructure Items					
30	MS-DFSI-CAR		P25 DFSI CAR Gateway Application and Server		
31	MS-DFSI-STRM		Concurrent P25 DFSI Stream		
32	MS-OPT-P25T		Mindshare P25 Feature License		
33	T7537B		KVL4000 Encryption Key loader		
34	CA00182AP		AES Encryption		
35	MC55A		Motorola PDA for us with KVL4000		
Total Infrastructure Equipment					
District Offices Base Radios					
36	RFTP25400-430		P25 Base Station w DFSI 2-100 watt UHF		
37	IAS 1RU ANT SW		Antenna Switch		
38	45977		Back-up Battery (4 hrs)		
39	BS450U-A		Comtelco UHF Base Antenna		
40	ANTCBLKIT		50 ft. Antenna Cable and Connectors		
41	INST RMT		Base Station and Antenna Installation		
Total Base Stations					
42	Installation and PM		Installation, Programming and PM		
43	H51QDF9PW6N		Motorola APX4000 UHP P25 AES portable radio with rapid charger*		
SYSTEM TOTAL					\$163,266.43
44	IDOR 1.50		Maintenance for Mindshare console position, [redacted] position/month * [redacted] months		
45	RA-1		P25 Transmitter / Receiver System Maintenance, [redacted] Chassis/mo * [redacted] months		
46	IDOR 1.50		Airtime Subscription Service (Frequency lease) [redacted] radio/month * [redacted] months		
47	RA-1		Transmitter / Receiver System Maintenance [redacted] Chassis/mo * [redacted] months		
TOTAL OPTION YEAR 1					\$193,506.43
Option Year 2					
48	IDOR 1.50		Airtime Subscription Service (Frequency lease) [redacted] radio/month * [redacted] months		

Item No.	Part No/	Qty	Description	Unit Price	Total
49	RA-1	[REDACTED]	Transmitter / Receiver System Maintenance, [REDACTED] Chassis/mo * [REDACTED] months	[REDACTED]	[REDACTED]
50	POM-I2	[REDACTED]	Peace of Mind Radio Maintenance I Maintenance for Mindshare console position, [REDACTED] position/month * [REDACTED] months	[REDACTED]	[REDACTED]
51	MS-MAX	[REDACTED]	P25 Transmitter / Receiver System Maintenance, [REDACTED] Chassis/mo * [REDACTED] months	[REDACTED]	[REDACTED]
52	RA-1	[REDACTED]	P25 Transmitter / Receiver System Maintenance, [REDACTED] Chassis/mo * [REDACTED] months	[REDACTED]	[REDACTED]
TOTAL OPTION YEAR 2					\$33,804.00
Option Year 3					
53	IDOR 1.50	[REDACTED]	Airtime Subscription Service (Frequency lease) \$ [REDACTED] radio/month * [REDACTED] months	[REDACTED]	[REDACTED]
54	RA-1	[REDACTED]	Transmitter / Receiver System Maintenance, [REDACTED] Chassis/mo * [REDACTED] months	[REDACTED]	[REDACTED]
55	POM-I2	[REDACTED]	Peace of Mind Radio Maintenance I Maintenance for Mindshare console position, [REDACTED] position/month * [REDACTED] months	[REDACTED]	[REDACTED]
56	MS-MAX	[REDACTED]	P25 Transmitter / Receiver System Maintenance, [REDACTED] Chassis/mo * [REDACTED] months	[REDACTED]	[REDACTED]
57	RA-1	[REDACTED]	P25 Transmitter / Receiver System Maintenance, [REDACTED] Chassis/mo * [REDACTED] months	[REDACTED]	[REDACTED]
TOTAL OPTION YEAR 3					\$33,804.00
Option Year 4					
58	IDOR 1.50	[REDACTED]	Airtime Subscription Service (Frequency lease) [REDACTED] radio/month * [REDACTED] months	[REDACTED]	[REDACTED]
59	RA-1	[REDACTED]	Transmitter / Receiver System Maintenance, [REDACTED] Chassis/mo * [REDACTED] months	[REDACTED]	[REDACTED]
60	POM-I2	[REDACTED]	Peace of Mind Radio Maintenance I Maintenance for Mindshare console position, [REDACTED] position/month * [REDACTED] months	[REDACTED]	[REDACTED]
61	MS-MAX	[REDACTED]	P25 Transmitter / Receiver System Maintenance, [REDACTED] Chassis/mo * [REDACTED] months	[REDACTED]	[REDACTED]
62	RA-1	[REDACTED]	P25 Transmitter / Receiver System Maintenance, [REDACTED] Chassis/mo * [REDACTED] months	[REDACTED]	[REDACTED]
TOTAL OPTION YEAR 4					\$33,804.00
TOTAL ALL YEARS					\$461,856.71
ORIGINAL CONTRACT PRICE					\$265,950.28
MOD 4 INCREASE					\$195,906.43