
THE VILLAGE OF COAL CITY
GRUNDY & WILL COUNTIES, ILLINOIS

ORDINANCE NUMBER 16-35

**AN ORDINANCE AUTHORIZING ENTRY INTO AN INTERGOVERNMENTAL
AGREEMENT BY AND BETWEEN THE VILLAGE OF COAL CITY AND THE
GRUNDY COUNTY EMERGENCY TELEPHONE SYSTEM BOARD FOR
STARCOM21 RADIO PROJECT COMPONENT ACQUISITION AND FINANCING**

TERRY HALLIDAY, Village President
PAMELA M. NOFFSINGER, Village Clerk

ROSS BRADLEY
TIMOTHY BRADLEY
DANIEL GREGGAIN
NEAL NELSON
DAVID TOGLIATTI
JUSTIN WREN
Village Trustees

Published in pamphlet form by authority of the President and Board of Trustees of the Village of Coal City
on December 18, 2016

ORDINANCE NO. _____

AN ORDINANCE AUTHORIZING ENTRY INTO AN INTERGOVERNMENTAL AGREEMENT BY AND BETWEEN THE VILLAGE OF COAL CITY AND THE GRUNDY COUNTY EMERGENCY TELEPHONE SYSTEM BOARD FOR STARCOM21 RADIO PROJECT COMPONENT ACQUISITION AND FINANCING

WHEREAS, the Village of Coal City (“Coal City”) is an Illinois non-home rule municipal corporation, organized and operating pursuant to the Constitution and laws of the State of Illinois; and

WHEREAS, the Grundy County Emergency Telephone System Board (“ETSB”) was formed pursuant to the Emergency Telephone System Act (50 ILCS 750/1 *et seq.*) on December 13, 1988, for the purpose of implementing and maintaining emergency services dispatch center and operates pursuant to the Emergency Telephone System Act, the Wireless Emergency Telephone Safety Act, 50 ILCS 751/1, *et seq.* and serves as a centralized emergency services dispatch and communication system for its member agencies;

WHEREAS, Coal City and the ETSB are public agencies within the meaning of Section 2 of the Illinois Intergovernmental Cooperation Act, 5 ILCS 220/2 (the “Act”); and

WHEREAS, the Constitution of the State of Illinois, 1970, Article VII, Section 10, authorizes units of local government to contract or otherwise associate among themselves in any manner not prohibited by law or ordinance; and

WHEREAS, the Act provides that any power or powers, privileges or authority, exercised or which may be exercised by a public agency may be exercised and enjoyed jointly with any other unit of local government; and

WHEREAS, the ETSB and its member local government bodies desire to modernize the ETSB’s interoperable emergency radio dispatch system for use by first responders within the ETSB’s service area via implementation of the Motorola StarCom21 Network (“Starcom”); and

WHEREAS, implementing Starcom will enhance the ability of ETSB and its

governmental members to effectively respond to emergency calls; and

WHEREAS, ETSB and Coal City have negotiated an agreement providing in general terms for Coal City to acquire two-way radios compatible with an upgraded interoperable radio network infrastructure and to finance that acquisition in accordance with the terms set forth in the attached intergovernmental agreement affixed hereto as Exhibit A; and

WHEREAS, the Village President and Board of Trustees of the Village of Coal City (cumulatively, the “Corporate Authorities”) hereby find and determine that it is in the best interests of the Village and in furtherance of the public health, safety, and welfare to ensure that Coal City will be able to effectively respond to emergency communications in the future by entering into an intergovernmental agreement with the ETSB as provided herein and therefore authorize and direct the execution of the intergovernmental agreement described herein;

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Coal City, Counties of Will and Grundy, Illinois, as follows:

SECTION 1. RECITALS.

That the foregoing recitals shall be and are hereby incorporated into and made a part of this Ordinance as if fully set forth in this Section 1.

SECTION 2. ENACTMENT.

The Corporate Authorities shall and do hereby authorize, approve and direct the Village President to execute and deliver that certain INTERGOVERNMENTAL AGREEMENT BETWEEN GRUNDY EMERGENCY TELEPHONE SYSTEM BOARD (ETSB) AND INDIVIDUAL ETSB MEMBERS FOR STARCOM21 RADIO PROJECT FINANCING (the “Agreement”) attached hereto as Exhibit A. The Corporate Authorities shall and do hereby

authorize, approve and direct the Village Clerk to affix the Village seal thereto and to attest the executed Agreement following the Village President's signature. The Village President and Village Clerk are further authorized and directed to execute and attest any and all other documents necessary to carry out and give effect to the purpose and intent of this Ordinance. All acts and doings of the officials of the Village, past, present and future which are in conformity with the purpose and intent of this Ordinance are hereby, in all respects, ratified, approved, authorized and confirmed.

SECTION 3. RESOLUTION OF CONFLICTS.

All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 4. SAVING CLAUSE.

If any section, paragraph, clause, or provision of this Ordinance shall be held invalid, the invalidity thereof shall not affect any of the other provisions of this Ordinance, which are hereby declared to be separable.

SECTION 5. EFFECTIVENESS.

This Ordinance shall be in full force and effect from and after its passage, approval, and publication in the manner provided by law.

SO ORDAINED this 19 day of December, 2016, at Coal City,

Grundy and Will Counties, Illinois.

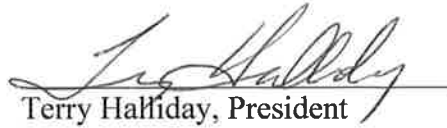
AYES: 4

NAYS: 0

ABSENT: 2

ABSTAIN: 0

VILLAGE OF COAL CITY


Terry Hallday, President

Attest:



Pamela M. Noffsinger, Clerk

EXHIBIT A

INTERGOVERNMENTAL AGREEMENT

[Attached on following pages]

**INTERGOVERNMENTAL AGREEMENT
BETWEEN GRUNDY COUNTY EMERGENCY TELEPHONE SYSTEM BOARD (ETSB)
AND INDIVIDUAL ETSB MEMBERS FOR STARCOM21 RADIO PROJECT FINANCING**

This INTERGOVERNMENTAL AGREEMENT ("The Agreement") is made and entered into by and between the
GRUNDY COUNTY EMERGENCY TELEPHONE SYSTEM BOARD (ETSB) and
Village of Coal City (ETSB MEMBER);

RECITALS

WHEREAS, ETSB and the ETSB MEMBERS are part of a collaboration to enhance their ability to effectively respond to emergency calls to 9-1-1 through interoperable public safety communications capabilities available throughout the service area of ETSB; and

WHEREAS, ETSB and ETSB MEMBERS consider an interoperable radio network infrastructure and related emergency dispatch equipment to be an essential component of ETSB, as well as integral to producing an effective response by the appropriate first responding member agency as a result of an emergency call to 9-1-1; and

WHEREAS, ETSB and ETSB MEMBERS desire the use of an interoperable emergency dispatch radio system for its personnel and the personnel of its member agencies to effectively respond to emergency calls to 9-1-1; and

WHEREAS, ETSB intends to facilitate a modern interoperable emergency radio dispatch system for use by first responders within the ETSB service area through the Motorola StarCom21 Network; and

WHEREAS, ETSB wishes to establish the terms and conditions under which an interoperable emergency dispatch radio system will be made available to its first responding member agencies; and

WHEREAS, ETSB has determined that it is in the best interests of its ETSB MEMBERS and the people they serve to partner with the Western Will County Communication Center (WESCOM) to establish an interoperable emergency radio system; and

WHEREAS, the State of Illinois has a Master Contract with the Motorola STARCOM21 radio system for use for public safety purposes and has made access to the StarCom21 System available to local public safety agencies; and

WHEREAS, the Constitution and laws of the State of Illinois permit units of local government to enter into intergovernmental agreements in such a manner as is not restricted by law or ordinance; and

WHEREAS, Article VII, Section 10 of the Illinois Constitution of 1970 and 5 ILCS 220, The Intergovernmental Cooperation Act, authorize the parties hereto to enter into this agreement;

WHEREAS, ETSB and ETSB MEMBERS believe that the goal of enhancing their ability to effectively respond to emergency calls to 9-1-1, however initiated, through interoperable public safety communications capabilities for its members, will be realized by communicating through the Motorola StarCom21 System as follows:

1. A radio network infrastructure that will consist of adding three (3) STARCOM21 radio sites and an additional site shared by ETSB with WESCOM, who will also add three (3) STARCOM21 radio sites. designed to achieve 16db coverage with an overall goal of a 98% Grade of Service (GOS);
2. Certain two-way radios ("subscriber units") necessary for two-way emergency dispatch communications on the interoperable radio network infrastructure for the use of ETSB's public safety agencies, including, but not limited to, its police and fire departments, on the terms more fully described herein;
3. Certain radio control stations belonging to ETSB for the use of ETSB's public safety agencies on the terms more fully described herein;
4. All associated connections required to complete interoperability; and

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, ETSB and the undersigned ETSB MEMBER hereby agree as follows:

Part 1 - Incorporation of Recitals and Definitions

Section 1.1 - Recitals Incorporated. The recitals set forth above are incorporated in this Agreement by reference and made part of this Agreement.

Section 1.2 - Definitions. As used in this agreement, unless the context clearly requires otherwise, the following terms shall have the following meanings:

- a) "ETSB" means the Grundy County Emergency Telephone System Board created by the Grundy County Board by written Resolution on the 13th day of December, 1988, for the purpose of implementing and maintaining an emergency 911 communications system pursuant to the Illinois Emergency Telephone System Act, as amended (50 ILCS 750/1 et seq);
- b) "WESCOM" means the Western Will County Communication Center, Illinois, an intergovernmental agency created in 1992 for the joint and mutual operation of a centralized public safety communications system on behalf of its member agencies, established pursuant 5 ILCS 220 Intergovernmental Cooperation Act in Will, DuPage, Kendall, Grundy, and Cook Counties;
- c) "STARCOM21 System" means the interoperable emergency dispatch radio system consisting of network and equipment utilizing the local STARCOM21 sites as integrated as part of the overall radio system, as part of the State of Illinois Master Contract with Motorola/STARCOM21;
- d) "Motorola" means Motorola Solutions, Inc., a business corporation organized under the laws of the State of Delaware;
- e) "STARCOM21" means a 700/800mHz, Association of Public-Safety Communications Officials (APCO) Project 25 P25 interoperable, digital, trunked statewide voice and data radio communications network owned and operated by Motorola, under a public-private contract with

the State of Illinois by way of Illinois Central Management Services;

- f) "Impact Fee" means a dollar value charged by STARCOM21 to increase the capabilities of various radio site components, which equipment is not owned by ETSB, in order to provide two-way voice and data communications within the ETSB service area. WESCOM will coordinate payments from the ETSB and ETSB MEMBERS to Motorola for the financing of the Impact Fee;
- g) "Port Fee", also known as "Air Time", is the fee charged by STARCOM21 as a flat, annual fee that provides for the service, repair, replacement, maintenance, software upgrades, hardware replacement, and access to the radio system. ETSB and WESCOM will divide this fee on a per-radio, per-month basis for cost recovery from ETSB MEMBERS;
- h) "Lease-Purchase Agreement" is the finance agreement between Grundy County and Motorola to allow ETSB MEMBERS through ETSB and Grundy County to finance, over time, the cost of the ETSB MEMBER'S subscriber radios, other Equipment described on Attachment A, and "Impact Fee";
- i) "ETSB MEMBERS" are those agencies that have executed this Intergovernmental Agreement and receive service from ETSB or any agency which hereinafter becomes a member of ETSB;
- j) "Equipment" shall mean the subscriber radio units, control stations, and all attendant hardware and software as is further defined in Attachment A to this Agreement.
- (k) "Code" means the Internal Revenue Code of 1986, as amended.
- (l) "Person" means any entity with standing to be sued or to sue, including any natural person, corporation, body politic, governmental unit, agency, authority, partnership, trust, estate, association, company, or group of any of the above.
- (m) "Private Business Use" means any use of the Equipment by any Person, other than a state or local government unit, including as a result of (i) ownership, (ii) actual or beneficial use pursuant to a lease or a management, service, incentive payment, research or output contract or (iii) any other similar arrangement, agreement or understanding, whether written or oral, except for use of the Equipment on the same basis as the general public. Private Business Use includes any formal or informal arrangement with any Person, other than a state or local governmental unit, that conveys special legal entitlements to any portion of the Equipment that is available for use by the general public or that conveys to any Person, other than a state or local governmental unit, any special economic benefit with respect to the Equipment that is not available for use by the general public.

Part 2 - Allocation of Equipment, Ownership, Assignment & System Access

Section 2.1 – ETSB as Sponsoring Entity. Generally, pursuant to this agreement, ETSB shall act as a pass-through sponsoring entity for the purchase of products and services from Motorola. In order to facilitate this arrangement, ETSB and or the County of Grundy shall execute: 1) a lease-purchase agreement, 2) a StarCom21 Communications System Agreement, 3) a Motorola port fee agreement or intergovernmental agreement associated with the port fee, and 4) Tower lease agreements, as applicable. Said documents are incorporated herein, and, except as otherwise provided in the Lease-Purchase Agreement with respect to

the Equipment, any and all title, warranties, licenses or other contractual benefits are hereby assigned to the ETSB MEMBERS, and acceptance of said assignment is hereby acknowledged. ETSB MEMBER payments will be invoiced and collected by ETSB, and payments will be transmitted from ETSB to Grundy County or Motorola. Ownership of Equipment as set forth in Section 2.2 shall only become the property of the ETSB MEMBER upon expiration and full payment of the schedule to the Lease-Purchase Agreement covering such Equipment. ETSB MEMBERS shall insure the Equipment at its full replacement value until all ETSB MEMBER payments and obligations with respect to such Equipment are completed and shall provide evidence of such insurance as deemed necessary by the ETSB or the County of Grundy.

Section 2.2 – ETSB MEMBER Allocated Equipment. ETSB MEMBERS, at their own expense and through payments to ETSB for forwarding to the County of Grundy, shall pay for the subscriber radio units, control stations, and other Equipment for use with the STARCOM21 System as set forth in Attachment A, which is attached hereto and incorporated herein, and shall acquire ownership of said Equipment when the County of Grundy has satisfied all payment obligations under the schedule to the Lease-Purchase Agreement covering such Equipment. The parties agree that Attachment A was developed by ETSB in consultation with the ETSB MEMBERS and reflects the appropriate allocation of Equipment for the respective ETSB MEMBERS.

Section 2.2a - Additional Equipment. The ETSB MEMBER may purchase additional equipment beyond that identified in Exhibit A or may opt for certain accessories or options of the Equipment outlined in Section 2.2. The ETSB MEMBER agrees that it shall be responsible for all such additional equipment costs including its purchase, maintenance, and operation. ETSB MEMBER further agrees that any options which are integrated as part of the subscriber units shall become the property of ETSB MEMBER upon receipt.

Section 2.3 - Access to the STARCOM21 System. An annual "Port Fee" is being charged by Motorola for ETSB and ETSB MEMBER access to the STARCOM21 System. This flat rate will be calculated based on a per radio, per month rate and assessed and invoiced to the ETSB MEMBERS, in advance, on a semi-annual basis, and ETSB MEMBERS agree to pay the same when due in a timely manner. The annual Port Fee shall not commence until January 1, 2018, however, ETSB will invoice these costs in May, 2017.

Section 2.4 - Assignment Prohibited. Neither ETSB nor the ETSB MEMBER will have the right to transfer, assign, sublease, modify, or confer any rights or benefits with respect to the use of the STARCOM21 System, including allocated Equipment, to any third party without the written permission of ETSB. This Section does not prohibit ETSB or the ETSB MEMBER from allocating Equipment to the first responding personnel of the ETSB MEMBER.

Section 2.5 - Use of the ETSB STARCOM21 System Equipment. All Equipment allocated to an ETSB MEMBER shall be used for the purposes permitted by law and by personnel associated with emergency response including radio system operators and first responding emergency personnel. ETSB and ETSB MEMBERS may also use said Equipment for any other purpose related to its official duties in accordance with all applicable Federal, State and local laws and ordinances provided that such use does not represent any additional cost to ETSB.

Part 3 - Control and Operation of Radio Systems

Section 3.1 - STARCOM21 System. The parties agree that the management and control of the STARCOM21 System is and shall remain under full control and supervision of ETSB. The parties agree that ETSB is and shall be the sole point of contact and authority with regard to the STARCOM21 tower sites contemplated herein. ETSB shall be the sole point of contact and authority for the initial deployment as well as any new or added equipment that may, in the future, be made part of the ETSB STARCOM21 System and other networks or property. This shall include, but is not limited to, all ETSB owned towers, radio

equipment, connections, generators, computers, and all other such attachments and appurtenances thereto.

Section 3.2 - Radio Frequencies. STARCOM21 utilizes a mix of locally-allocated 700mHz frequencies as well as 800mHz frequencies assigned to the State of Illinois and other local agencies. ETSB shall provide the STARCOM21 system with the appropriate licensed frequencies as may be allocated to ETSB through the Regional Planning Committee (RPC) Region 54, and as may be requested for future capacity. ETSB shall make available such updated or alternative frequencies as may be allocated and requested.

Section 3.3 - Programming of Equipment. ETSB shall have sole programming authority for subscriber units, consoles and control stations pursuant to maintenance and warranty agreements entered into by ETSB for the ETSB STARCOM21 System during the term of this Agreement. Due to the critical nature of the programming of the radios, ETSB staff will be solely responsible for maintenance of the Advanced System Key (ASK) and any encryption programming.

Section 3.4 - Access Limitations. The parties agree that no additional subscriber units shall be added to the ETSB STARCOM21 System beyond the number of subscriber units allocated as part of this Agreement without first obtaining the approval of ETSB. ETSB may limit access to the ETSB STARCOM21 System to the number of subscriber units allocated to the ETSB MEMBER as part of this agreement if it determines that additional subscriber units would adversely impact the system's performance, channel capacity, and the contractually designed grade of service.

Section 3.5 - Local Radio System. The parties agree that ETSB shall retain ultimate authority and ownership over its existing radio equipment and system(s) as well as any new, added equipment which may in the future be made a part of ETSB's radio system, other networks, or property. The parties further agree that any ETSB-owned equipment which may be installed at an ETSB MEMBERS existing communication location shall remain ETSB's property and shall not be disturbed.

Part 4 - Responsibilities of ETSB

Section 4.1 - Delivery and Installation of ETSB STARCOM21 Equipment. Pursuant to a mutually agreed upon schedule, and consistent with the timeline for the deployment of the ETSB STARCOM21 System, ETSB and its contractors shall (a) install consoles and control stations at ETSB; (b) deliver the equipment described in Section 2.2 and Section 2.2a and (c) install necessary equipment for the interoperability as designated by the STARCOM21 requirements. ETSB shall not be responsible for the installation of any ETSB MEMBERS equipment such as mobile radios or control stations at agency facilities. The parties agree that this Agreement contemplates ETSB's participation in the installation of only the necessary equipment described herein. Should an ETSB MEMBER subsequently desire the participation of ETSB in the installation of additional equipment such participation is not governed or contemplated by this Agreement.

Section 4.2 - Training. ETSB shall provide training as needed on the use and operation of ETSB STARCOM21 equipment for the ETSB MEMBER'S personnel responsible for the operation of such equipment as deemed necessary by ETSB.

Section 4.3 - Performance. ETSB shall make available to the ETSB MEMBER such system coverage and performance as provided in the contract documents referenced in Section 2.1 herein. Improvements, modifications or changes made to improve system coverage and performance may only be done with the approval of ETSB and other necessary parties at the expense of ETSB MEMBERS. ETSB retains the authority to increase channel capacity, if feasible, at the request of an ETSB MEMBER which may, at ETSB's option, be at the ETSB MEMBERS expense.

Section 4.4 - Maintenance of ETSB Equipment. ETSB shall be responsible for maintenance associated with the core operations of the ETSB STARCOM21 System. Core Operations shall include maintenance of ETSB provided equipment, consoles, control stations, subscriber units, telephony, network, and backhaul.

Section 4.5 - Payment of Maintenance Costs. ETSB shall be responsible for the maintenance costs for the ETSB STARCOM21 System expenses that are directly billed to ETSB by the providers of such maintenance services, except for the "Port Fee" set forth in Section 2.3. Annual maintenance for ETSB tower sites, generators, and ETSB-owned infrastructure control stations shall be covered by ETSB;

Section 4.6 - Payment of Telephone and Utility Costs. ETSB shall be responsible for telephone, network, microwave, and utility costs, unless as otherwise defined within this document, and expenses associated with the ETSB STARCOM21 System.

Section 4.7 - Duty to Contract with Motorola for Use of Radio System Network. ETSB shall enter into a user agreement with Motorola on behalf of the ETSB MEMBERS for a period of (10) years to permit the use of the equipment described in Attachment A to operate on the ETSB STARCOM21 System. The price for this contract shall be determined pursuant to the contract documents referenced in Section 2.1. A cost projection is provided in Attachment B. ETSB will not be responsible for the costs associated with use of equipment beyond the equipment deployed to the ETSB MEMBER as set forth in Section 2.2.

Part 5 - Responsibilities of the ETSB MEMBER

Section 5.1 - Reimbursements to ETSB. The ETSB MEMBER shall reimburse ETSB for costs incurred by ETSB as a result of purchases made by ETSB at the request of and for the benefit of the ETSB MEMBER which may include, but are not limited to, the following:

- (a) Purchase costs of subscriber radios, or finance payments described in Exhibit A;
- (b) Non-standard programming, special re-programming, or other added expenses associated with the maintenance of equipment owned by the ETSB MEMBER;
- (c) Installation or re-installation costs of mobile equipment of ETSB MEMBER;
- (d) Installation or re-installation costs of equipment owned by the ETSB MEMBER which requires permanent installation; or
- (e) Special equipment, service, or connections for which only the ETSB MEMBER directly benefits.

Section 5.1a – Invoicing and Payment Schedule:

- (a) While nothing is due to Motorola until November 2018, ETSB will be invoicing and collecting funds six (6) months in advance in order to make payments to Motorola by November 2018.
- (b) For ETSB MEMBERS paying for the radios in a lump sum and not financing the radio acquisition, ETSB can receive the full amount any time prior to November 1, 2018.
- (c) For ETSB MEMBERS financing radios through Motorola using ETSB as a single point-of-payment,

ETSB will invoice its ETSB MEMBER for equipment costs, impact fee and the annual Port Fee commencing May, 2018. Port Fee invoicing shall commence in May, 2017. ETSB MEMBERS shall pay all such invoices in one lump sum within 60 days of invoice. Total amounts due from each ETSB MEMBER are set forth in Exhibit B.

- (d) An invoicing and payment schedule is attached as Exhibit D. However, ETSB reserves the right to modify the invoicing and/or payment schedule at its discretion. In that event, payments will be processed as directed on the ETSB invoice.

Section 5.2 - Use of Equipment. The ETSB MEMBER and its personnel shall use ETSB's STARCOM21 system and other Equipment and equipment for official purposes only. The ETSB MEMBER shall ensure that subscriber units are issued only to personnel designated as first responders and that such personnel keep each subscriber unit tuned at all times to the licensed interoperable frequencies designated and programmed by ETSB. For security purposes, the ETSB MEMBER shall ensure that any access codes, passwords, or proprietary information provided by ETSB shall only be given to those authorized by ETSB to receive them. The parties authorize ETSB to review compliance with this section.

Section 5.2a - Tax Covenants. Each of the parties covenants that it will not take any action, omit to take any action or permit the taking or omission of any action within its control (including, without limitation, making or permitting any use of the Equipment) if taking, permitting or omitting to take such action would cause the Lease-Purchase Agreement to be an arbitrage bond or a private activity bond within the meaning of the Code or would otherwise cause interest payments under the Lease-Purchase Agreement to be included in the gross income of the recipients thereof for federal income tax purposes. Each of the parties acknowledges that, in the event of an examination by the Internal Revenue Service of the exemption from federal income taxation of interest payments under the Lease-Purchase Agreement, under present rules, the County may be treated as a "taxpayer" in such examination and each of the parties agrees that it will respond in a commercially reasonable manner to any inquiries from the Internal Revenue Service in connection with such an examination. During the Lease Term (as defined in the Lease-Purchase Agreement), each of the parties hereby further (i) covenants to not use the Equipment in a Private Business Use or permit the use or allow others to use the Equipment in a Private Business Use; (ii) acknowledges that if the Equipment or any portion thereof is sold, leased or otherwise disposed of, such sale, lease, or disposition may require remedial actions to prevent the Lease-Purchase Agreement from becoming a private activity bond; (iii) covenants to not sell, transfer or lease the Equipment unless it receives prior written permission from the County; and (iv) agrees to maintain adequate records relating to the use of the Equipment to demonstrate compliance with these covenants and will furnish such records to the County on request.

Section 5.3 - Reimbursement to ETSB for System Access. With respect to the Port Fee, STARCOM21 is not charging for the first one (1) year of Port Fees. Commencing January, 2018, WESCOM and ETSB will track the total number of subscriber radios and calculate the per-radio/per-month rate and invoice ETSB MEMBERS according to the radio counts for each ETSB MEMBER. By the 28th of each month, WESCOM and Grundy ETSB will confirm the total number of subscriber radios in the system and adjust the calculation of the monthly fee. Commencing November 2020, the Port Fee will increase by 1.7% per year until November

2026 at which time a similar Port Fee agreement will be renegotiated with MOTOROLA STARCOM21, ETSB MEMBER agrees to pay such increased Port Fee as set forth herein.

Section 5.4 - Cooperation and Access. Throughout the term of this Agreement, the ETSB MEMBER shall provide ETSB with reasonable cooperation and access to its assigned subscriber radios to promote the proper performance of the subscriber units, accessories, and other equipment for the training of the ETSB MEMBERS personnel and any other purposes of this Agreement including inventory and accountability.

Section 5.5 - Miscellaneous Costs. The ETSB MEMBER further agrees to:

- (a) Properly care for and use the subscriber radios in accordance with Motorola specifications;
- (b) provide for mobile and fixed-station radio installations, if required, including, but not limited to, new circuits, outlets, grounding, and wiring required to add new equipment as defined by Motorola specifications;

Section 5.6 - Risk of Loss, Insurance. Upon the delivery and installation of Equipment to the ETSB MEMBER, the ETSB MEMBER shall bear the risk of loss for any damage or loss to such Equipment beyond the coverage provided in the warranty and maintenance agreements entered into by ETSB for any and all equipment that is part of this Agreement. ETSB MEMBERS who finance the purchase of their subscriber units through Motorola shall carry replacement value insurance on said Equipment until such financing has been paid in full, as set forth above in sections 2.1 and 2.2.

Section 5.7 - Subsequent Purchase of Equipment. The parties agree that should the ETSB MEMBER desire to purchase additional equipment for use on the ETSB STARCOM21 System after its execution of this agreement, it shall be solely responsible for any costs associated with its purchase, maintenance, or operation which may be incurred by WESCOM. For the first three years of the agreement, Motorola will extend the system discount rates to ETSB and ETSB MEMBERS as shown in Exhibit A.

Part 6 - Term and Termination

Section 6.1 - Effective Date. This Agreement shall commence upon its execution by both parties and the STARCOM21 Oversight Committee. The Agreement shall continue thereafter for a period of ten (10) years or until it is terminated in accordance with this Part 6.

Section 6.2 - Termination by Election of Parties. After the initial ten (10) year term of this Agreement, either party wishing to terminate this Agreement may do so for any reason upon one-hundred twenty (120) days written notice to the other. Upon termination, except as provided in Part 7, the ETSB MEMBER shall, at the discretion of ETSB, return all ETSB-owned equipment or reimburse ETSB for the cost of the equipment as detailed in the original purchase contract less depreciation. The terminating party shall be responsible any costs associated with equipment removal as well as previously contracted costs of maintenance and equipment use.

Section 6.3 - Effects of Termination. Upon the effective date of the termination of this agreement pursuant to a written notice by the ETSB MEMBER as set forth in Section 6.2, (1) the ETSB MEMBERS right to use the ETSB STARCOM21 System shall cease; (2) the ETSB MEMBERS obligation to reimburse ETSB for any costs as provided in this Agreement shall survive the termination of the Agreement and shall remain in full force and effect; and (3) the ETSB MEMBER shall promptly return all ETSB-owned equipment to ETSB.

Part 7 - Agency Termination

Section 7.1 - Agency Terminates Membership with ETSB. If an ETSB MEMBER terminates this Agreement prior to the conclusion of ten (10) years, the ETSB MEMBER shall be responsible for all past, present, and future payments to ETSB that are due in connection with the ETSB MEMBER'S participation in this ETSB STARCOM21 project, including all outstanding Motorola financing payments (both principal and interest) and unpaid impact fees. Upon satisfaction of same the ETSB MEMBER shall have no obligation to return Equipment to the County of Grundy. Further, upon the effective date of this Agreement, the terminating ETSB MEMBER will no longer be able to remain covered by the terms of the WESCOM-ETSB STARCOM21 agreement or other contract documents incorporated herein, and will no longer be responsible for payment of the Port Fee to ETSB. Upon termination, the terminating agency will be responsible for contacting Motorola for restoration of services on the STARCOM21 system under the State of Illinois Master Contract at then prevailing air time rates, and will be solely responsible for all port fees associated with the restoration of STARCOM21 services to the former ETSB MEMBER.

Part 8 - Miscellaneous Terms

Section 8.1 - No Joint Venture. This Agreement shall not be construed in such a way that ETSB, or the ETSB MEMBER constitutes, or is deemed to be, the representative, agent, employee, partner, or joint venture of the other. The parties shall not have the authority to enter into any agreement, nor to assume any liability, on behalf of the other party, nor to bind or commit the other party in any manner, except as expressly provided herein.

Section 8.2 - Notice. All notices required to be given pursuant to this Agreement shall be in writing and addressed to the parties at their respective addresses set forth below. All such notices shall be deemed duly given if personally delivered, or if deposited in the United States mail, registered or certified return receipt requested, or upon receipt of facsimile transmission. Notice given as provided herein does not waive service of summons or process.

| | |
|---|---|
| If to ETSB, to: Grundy County Emergency Telephone System Board 78 Lowery Road Morris, Illinois 60450 | If to the ETSB MEMBER, to: Attention: <INSERT AGENCY INFO HERE> |
|---|---|

Section 8.3 - Entire Agreement. This Agreement constitutes the entire agreement between ETSB and the ETSB MEMBER with respect to the subject matter hereof and supersedes all other prior and contemporary agreements, understandings, representations, negotiations, and commitments between ETSB and the ETSB MEMBER with respect to the subject matter hereof.

Section 8.4 - Approval Required and Binding Effect. This Agreement shall not become effective unless authorized and executed by ETSB and the ETSB MEMBER governing authority. This Agreement constitutes a legal, valid and binding agreement, enforceable against the ETSB MEMBER and, once duly authorized and executed as set forth herein, against ETSB.

Section 8.5 - Representations. Each party represents that it the authority to enter into this Agreement and undertake the duties and obligations contemplated by this Agreement and that it has taken or caused to be taken all necessary action to authorize the execution and delivery of this Agreement.

Section 8.6 - Covenant Not to Sue. The parties hereby covenant and agree that each shall not sue, institute, cause to be instituted or permit to be instituted on its behalf, or by or on behalf of its past, present or future officials, officers, employees, attorneys, agents or assigns, any proceeding or other action with or before any local, state and/or federal agency, court or other tribunal, against the other party, its board members, officers, commissioners, employees, attorneys, agents or assigns, arising out of, or from, or otherwise relating, directly or indirectly, to this Agreement to the extent authorized by law.

Section 8.7 - Indemnification. The parties hereby release and agree that each shall indemnify and hold harmless the other party and all of its present, former and future officers, including board members, commissioners, employees, attorneys, agents and assigns from and against any and all losses, liabilities, damages, claims, demands, fines, penalties, causes of action, costs and expenses whatsoever, including, but not limited to, attorneys' fees and court costs, present or future, known or unknown, sounding in law or equity that arise out of or from or otherwise relate, directly or indirectly, to this Agreement or to the use of the ETSB STARCOM21 System to the extent authorized by law, including, but not limited to any injury or damage caused by the failure of the supplied equipment to function properly, the failure of radio transmissions to be accurately transmitted and/or received or the failure of the ETSB STARCOM21 System or the STARCOM21 System to operate as designed.

Section 8.8 - Amendments. This Agreement may only be amended upon the written agreement of the parties.

WHEREFORE, the parties have signed and executed this Agreement as of the date written below:

**GRUNDY COUNTY EMERGENCY TELEPHONE
SYSTEM BOARD (ETSB):**

ETSB MEMBER:

NAME: Terry Halliday

BY: _____

BY: Terry Halliday

DATE: _____

DATE: December 19, 2016

Exhibit List:

Exhibit A = 30 page Motorola equipment list from proposal

Exhibit B = 2 page "Price Sheet November 4, 2016"

Exhibit C = 1 page "7 Year lease view and TCO View"

Exhibit D = 1 page Invoicing and Payment Schedule

EQUIPMENT LIST (EXHIBIT A)

| Qty | Part No. | Grundy County Main Dispatch Site Licenses | Description |
|---|--------------|---|-------------|
| 1 | SQM01SUM0273 | MASTER SITE CONFIGURATION | |
| 1 | CA02629AB | ADD EXPAND 7 16 M COPE | |
| 3 | UA00156AA | ADD MCC 7500 CONSOLE LICENSES (QTY 5) | |
| Main MCC 7500 Dispatch Operator Positions | | | |
| 7 | TT2833 | COMPUTER, Z440 WORKSTATION WINDOWS 7 (NON RETURNABLE) | |
| 7 | B1933 | MOTOROLA VOICE PROCESSOR MODULE | |
| 7 | CA01642AA | ADD MCC 7500 BASIC CONSOLE FUNCTIONALITY SOFTWARE LICENSE | |
| 7 | CA01643AA | ADD MCC 7500 / MCC 7100 TRUNKING OPERATION | |
| 7 | CA01644AA | ADD MCC 7500 / MCC 7100 ADV CONVL. OPERATION | |
| 7 | CA00147AF | ADD MCC 7500 SECURE OPERATION | |
| 7 | CA00182AB | ADD AES ALGORITHM | |
| 7 | CA00140AA | ADD AC LINE CORD NORTH AMERICAN | |
| 1 | B1905 | MCC 7500 ASTRO 35 SOFTWARE | |
| 28 | B1912 | MCC SERIES DESKTOP SPEAKER | |
| 7 | B1914 | MCC SERIES DESKTOP GOOSENECK MICROPHONE | |
| 14 | B1913 | MCC SERIES HEADSET JACK | |
| 7 | DSTWIN6928A | PROVIDES ONE DUAL PEDAL FOOTSWITCH FOR USE WITH MOTOROLA MCC 7500 DISP | |
| 7 | RLN6098 | HDST MODULE BASE W/PIT, 15' CBL | |
| 7 | T7895 | MCAFEE WINDOWS AV CLIENT | |
| 7 | T7449 | WINDOWS SUPPLEMENTAL TRANS CONFIG | |
| 7 | DSRMP615A | SPD. TYPE 3, 120V RACK MOUNT, 15A PLUG-IN W/ (6) 15A NEMA 5, 15 OUTLETS | |
| Site Controller and Network Gear | | | |
| 4 | SQM01SUM0205 | GGM 8RU0 GATEWAY | |

Molecular Simulation of Confined Polymer

to the constraints on the confidentiality of disclosure of this proposal is subject

11

renewal) $\{t_0, t_1, \dots, t_n\}$ due to discrete time steps (

www.elsevier.com/locate/jmbs

www.elsevier.com/locate/jmbs

| Qty | Part No | Description |
|-----------------------------------|--------------|--|
| 0 | 17885 | MCAFEE WINDOWS AV CLIENT |
| 0 | DSTG131 | TECH UGBAL EVOLUTION SERIES 19INCH NON TOUCH |
| 1 | 77449 | WINDOWS SUPPLEMENTAL TRANS CONFIG |
| 2 | B1939 | MCC 7100 HP Dispatch Position Main Model |
| 2 | B1940 | MCC 7100 TMD |
| 2 | B1942 | MCC 7100 SOFTWARE LICENSING |
| 2 | CA01642AB | ADD MCC 7100 BASIC CONSOLE FUNCTIONALITY SOFTWARE LICENSE |
| 2 | UA002501AA | ADD 10 CHANNEL SW LICENSE |
| 2 | CA01643AA | ADD MCC 7500 / MCC 7100 TRUNKING OPERATION |
| 2 | CA01644AA | ADD MCC 7500 / MCC 7100 ADV CONVAL OPERATION |
| 2 | CA02181AA | ADD MCC 7100 SECURE OPERATION |
| 2 | CA02082AA | ADD SOFTWARE AES, DES-OFB, ADP ENCRYPT KEY FILE MGMT |
| 0 | DSHP640G11AP | HP 840 G11 15-4200M 500GB HD 4GB WIN7 TOP |
| 2 | 17885 | MCAFEE WINDOWS AV CLIENT |
| 2 | B1941 | USB AUDIO INTERFACE MODULE |
| 2 | B1913 | MCC SERIES HEADSET JACK |
| 2 | B1914 | MCC SERIES DESKTOP GOOSENECK MICROPHONE |
| 2 | RLN6098 | HDS1 MODULE BASE W/PTT 15' CBL |
| 0 | RMN50785 | SUPRAPLUS MC SINGLE MUFF HEADSET |
| 2 | DSTWIN6328A | PROVIDES ONE DUAL PEDAL FOOTSWITCH FOR USE WITH MOTOROLA MCC 7500 DISP |
| 4 | DSSA410APW | PALCO AUDIO CUBIK USB SPEAKERS SET OF 2 |
| APX 7500 Consoles (Main Dispatch) | | |
| 2 | 130URSS9PW1N | APX 7500 SINGLE BAND 7800 |
| 2 | G806 | ADD ASTRO DIGITAL CAL OPERATION |
| 2 | G51 | ENIT SMARTZONE OPERATION APX |
| 2 | QA01648 | ADD ADVANCED SYSTEM KEY - HARDWARE KEY |
| 2 | G361 | ADD P25 TRUNKING SOFTWARE |
| 2 | CA01658 | ADD AC LINE CORD US |
| 2 | L986 | ADD LIMITED FRONT PANEL W/LOCK/UNL |
| 2 | GA00248AD | 1-8M LANC SP'S COMPREHENSIVE 1 YR |

November 3, 2014
 Use as a measure of the proposed solution.
 to the conditions of the contract.
 Equipment list (Exhibit C-3) / 3

| Qty | Part No | Description |
|--|-------------|--|
| 7 | CB43 | ADD AT-SUNRISE/PTON APX |
| 7 | W969 | ADD MUR (PT) LFP ENCRYPT/PTON OPERATION |
| 7 | HKNB211A | APX CONSOLE LITE BACK MOUNT KIT |
| 7 | HKNB18A | CAD P-21 P25-855MMBIL USB |
| 7 | WVNB221A | PURCHASED AND INVENTORY OF P25-855MMBIL USB |
| FCC, MCC 7100 Dispatch Operator Position | | |
| 7 | B1939 | MCC 7100 HP Dispatch Position Main Model |
| 7 | B1940 | MCC 7100 TMD |
| 7 | B1942 | MCC 7100 SOFTWARE LICENSING |
| 7 | CA01642AB | ADD MCC 7100 BASIC CONSOLE FUNCTIONALITY SOFTWARE LICENSE |
| 7 | HKNB4157A | 20 CHANNEL SW LICENSE |
| 7 | CA01643AA | ADD MCC 7500 / MCC 7100 TRUNKING OPERATION |
| 7 | CA01644AA | ADD MCC 7500 / MCC 7100 ADV CONVAL OPERATION |
| 7 | CA02180AA | ADD MCC 7100 SECURE OPERATION |
| 7 | CA02082AA | ADD SOFTWARE AES, DES-OFB, ADP ENCRYPT KEY FILE MGMT |
| 7 | 17885 | MCAFEE WINDOWS AV CLIENT |
| 7 | B1941 | USB AUDIO INTERFACE MODULE |
| 7 | B1913 | MCC SERIES HEADSET JACK |
| 7 | B1914 | MCC SERIES DESKTOP GOOSENECK MICROPHONE |
| 7 | RLN6098 | HDS1 MODULE BASE W/PTT 15' CBL |
| 7 | DSTWIN6328A | PROVIDES ONE DUAL PEDAL FOOTSWITCH FOR USE WITH MOTOROLA MCC 7500 DISP |
| 2 | DSSA410APW | PALCO AUDIO CUBIK USB SPEAKERS SET OF 2 |
| 2 | DSMP612A | SET OF 2 DUAL PEDAL FOOTSWITCHES FOR USE WITH CUBIK |
| 2 | RLN1856 | 20 CHANNEL BASE W/PTT 15' CBL |
| 2 | SQMD151001A | 30M HOOKUP POWER |
| 2 | CA01616AA | ADD AC LINE CORD |
| 2 | CA02186AA | ADD MCC 7100 SECURE OPERATION |
| Auxiliary Operator Position | | |
| 7 | B1939 | MCC 7100 HP Dispatch Position Main Model |
| 7 | WVNB221A | ADD MCC 7100 TMD |

November 3, 2014
 Use as a measure of the proposed solution.
 to the conditions of the contract.
 Equipment list (Exhibit C-3) / 3

| Qty | Part No. | Description |
|-----------------------|--------------|--|
| 1 | V266 | ADD 90VAC PS TO SM |
| 3 | V592 | AAD TERM BLK & CONN WI |
| Equipment Racking | | |
| 1 | TRN7343 | SEVEN AND A HALF FOOT RACK |
| 8 | BLN6200 | AC POWER STRIP 6 OUTLET |
| 2 | DSTSJADP | RACK MOUNT GROUND BAR 19 IN FOR TSJ AND WPH SERIES DATA SPOUS |
| 2 | DSTS48CLT | SPD RJ-45 OR HARDWIRE CONNECTED FOR T1/E1 PROTECTS 4 WIRES |
| Critical Spares | | |
| 1 | SQM01SUM0205 | GSM 8000 GATEWAY |
| 1 | CA01816AA | ADD AC POWER |
| 1 | CA02086AA | ADD HIGH DENSITY ENH CONV GATEWAY |
| 1 | TT2633 | COMPUTER 2440 WORKSTATION WINDOWS 7 (NON RETURNABLE) |
| 1 | CLN1836 | 2620-24 ETHERNET SWITCH |
| 1 | B1912 | MCC SERIES DESKTOP SPEAKER |
| 1 | B1914 | MCC SERIES DESKTOP GOOSENECK MICROPHONE |
| 1 | B1913 | MCC SERIES HEADSET JACK |
| 1 | DSTWIN6328A | PROVIDES ONE DUAL PEDAL FOOTSWITCH FOR USE WITH MOTOROLA MCC 7500 DISP |
| 1 | RWN5078B | SUPRAPLUS NC SINGLE MUFF HEADSET |
| 1 | RLN6098 | HDST MODULE BASE W/PTT 15' CBL |
| Desks and Accessories | | |
| 5 | F2380 | MCD 5000 DESKSET |
| 5 | FHN7469 | MCD 5000 DESKSET / RGU POWER SUPPLY WITH USA POWER CORD |
| 5 | F7979 | MCD 5000 DESKSET / RADIO GATEWAY UNIT (RGU) |
| 5 | FHN7469 | MCD 5000 DESKSET / RGU POWER SUPPLY WITH USA POWER CORD |
| 1 | FVN5847 | MCD 5000 DESKSET SYSTEM CONFIG TOOL SYSTEM W/OUT OMC |
| 1 | CLN1836 | 2620-24 ETHERNET SWITCH |
| 8 | FKN8695 | ETHERNET CABLE 10' WITH RED & BLACK LABELS |
| 10 | CL1700 | FSU1-50A CABLE 1/4" SUPERFLEX POLY JKT PER FOOT |
| 2 | DDN9769 | FTTNM4HC 1/4" TYPE N MALE CONNECTOR FOR FSU1-50A CABLE |
| 1 | BLN6200 | AC POWER STRIP 6 OUTLET |

Grandy County Emergency Telephone System Board
Grandy County Communication System Upgrade
November 3, 2015
Use or disclosure of this proposal is subject to the restrictions on the cover page
Equipment List (Exhibit G.2) / 5

| Qty | Part No. | Description |
|---------------------------|----------------|--|
| 1 | HKNB233 | ASSEMBLY ACCESSORY APX CONSOLE/TIE RACK MOUNT TRAY HARDWARE KIT |
| 1 | FTN7430 | MCD 5000 DESKSET / RGU RACK MOUNT PANEL PLUS SCREWS |
| Console Antenna and Lines | | |
| 1 | DSCS049608053 | SIMPLE HALF CONTROL STATION / COMBINED (0-560 MHz 241) |
| 1 | DSISB50HNC2M/A | RF SPD 125 TONNIE (X) HIGH / BULKHEAD MOUNTED ANTENNA / ANTENNA EQUIPMENT SHIELD |
| 1 | DTN10189 | LINE PSA 170P N FEMALE (50) OHM DIN / FEMALE |
| 3 | DTN10188 | LINE PSA 170P N FEMALE (50) OHM DIN / FEMALE |
| 100 | CL1705 | LINE 50A CABLE 17' TYPE N FEMALE (50) OHM DIN / FEMALE |
| 1 | DSMF8W7463 | WIDE-BAND FIR-FIBERGLASS ANTENNA / FIBER 355 NEW BULK HEAD |
| 1 | TDN9289 | 22 FT 13 CABLE WRAP WEAHERPROOFING |
| 3 | USSG120682A | SG12-0682A 1/2 IN STUR GROUND GROUNDING RIG |
| 1 | DSGS4K11N | (GROUND) STRAP KIT (435A-KIT N) |

| Qty | Part No. | Description |
|-----|----------|--|
| 2 | F2668 | COMPACT WSGU |
| 1 | FVN1743 | MOBILE WIRELESS DISPATCH FOR SMARTPHONE UP TO 10 USERS |
| 1 | FVN1738 | MOBILE WIRELESS DISPATCH FOR SMART PHONE |
| 1 | FVN6811 | RADIO PTT W/ APPLICATION |
| 1 | FVN1745 | RADIO PTT W/ APPLICATION UP TO 10 USERS |
| 1 | FVN1741 | DISPATCH APPLICATION UPGRADE |
| 1 | FVN1736 | SOFTWARE (UNIT) DISPATCH APPLICATION UPGRADE |

| Qty | Part No. | Description |
|---------------------------|---------------|--|
| Coal City Fire | | |
| APX 4500 Black Dash Mount | | |
| 12 | IM22URS9PW11N | APX4500 / 7800 |
| 12 | CAU2756 | ADJ: 4800 OR 9800 12 PUNKIE / BOLD / SINGLE SYSTEM |
| 12 | GAU00580 | ADJ: 110MA / 00P / 511N |
| 12 | TA00R014 | ADJ: APX / 0 / 00P / 511N |

Grandy County Emergency Telephone System Board
Grandy County Communication System Upgrade
November 3, 2015
Use or disclosure of this proposal is subject to the restrictions on the cover page
Equipment List (Exhibit G.2) / 5

| | | |
|-----------------------------|---------------|--|
| 12 | QA09000 | ADD DIGITAL TONE SIGNALING |
| 12 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 12 | G66 | ADD DASH MOUNT |
| 12 | G89 | ADD NO RF ANTENNA NEEDED |
| 12 | W22 | ADD PALM MICROPHONE |
| 12 | QA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 12 | G843 | ADD AES ENCRYPTION APX |
| 12 | W969 | ADD MULTIPLE KEY ENCRPTION OPERATION |
| APX8000XE 2 band, 2.5 Black | | |
| 6 | H91TGD9PW6 N | APX 8000 ALL BAND PORTABLE MODEL 2.5 |
| 6 | QA02006 | ENH APX8000XE RUGGED RADIO |
| 6 | Q806 | ADD ASTRO DIGITAL CALL OPERATION |
| 6 | Q361 | ADD P25 9600 BAUD TRUNKING |
| 6 | QA05509 | DEL DELETE UHF BAND |
| 6 | H38 | ADD SMARTZONE OPERATION |
| 6 | QA00580 | ADD TDMA OPERATION |
| 6 | Q887 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 6 | QA09000 | ADD DIGITAL TONE SIGNALING |
| 6 | QA01648 | ADD ADVANCED SYSTEM KEY - HARDWARE KEY |
| 6 | Q829 | ENH AES ENCRYPTION |
| 6 | H869 | ENH MULTITKEY |
| 6 | QA09001 | ADD: WIFI CAPABILITY |
| 6 | QA09007 | ADD OUT OF THE BOX WIFI PROVISIONING |
| APX 8000 Accessories | | |
| 6 | WPLN7080 | APX 7000 IMPRES CG SU APX7000 USNA/CALA |
| 6 | HMN4104B | IMPRES RSM DISPLY W JACK W CHNL |
| 6 | NKNTN7038B | BATT IMP STD IP67 LIKIN 2900M 3100T BLK |
| 6 | JAY000222A01 | CARRY ACCESSORY CASE APX7000 FIRE |
| Braceville FD | | |
| 3 | W22JURS9PW1 N | APX4500 7800 |
| 3 | QA02756 | ADD 3600 OR 9600 TRUNKING BAUD SINGLE SYSTEM |
| 3 | QA00580 | ADD TDMA OPERATION |

Shelby County Emergency Telecommunications System
Shelby County Communications System
Shelby County Emergency Telecommunications System
Shelby County Emergency Telecommunications System

November 3, 2014
Use of resources of the Department of Public Safety
in the execution of the above work
Equipment List (Shelby County)

| | | |
|------------------------------|---------------|--|
| 3 | QA00804 | ADD APX 02 CONTROL HEAD SOFTWARE |
| 3 | QA09000 | ADD DIGITAL TONE SIGNALING |
| 3 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 3 | G66 | ADD DASH MOUNT |
| 3 | G89 | ADD NO RF ANTENNA NEEDED |
| 3 | W22 | ADD PALM MICROPHONE |
| 3 | QA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 3 | G843 | ADD AES ENCRYPTION APX |
| 3 | W969 | ADD MULTIPLE KEY ENCRPTION OPERATION |
| APX 8500 ST W DTS Dash Mount | | |
| 1 | M25JURS9PW1 N | APX8500 7800 MHZ MID POWER MOBILE |
| 1 | Q806 | ADD ASTRO DIGITAL CALL OPERATION |
| 1 | Q361 | ENH SMARTZONE OPERATION APX8500 |
| 1 | Q361 | ADD P25 TRUNKING SOFTWARE |
| 1 | QA00580 | ADD TDMA OPERATION |
| 1 | QA00805 | ADD APX 02 CONTROL HEAD SOFTWARE |
| 1 | QA09000 | ADD DIGITAL TONE SIGNALING |
| 1 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 1 | Q86 | ADD DASH MOUNT |
| 1 | G89 | ADD NO RF ANTENNA NEEDED |
| 1 | W22 | ADD PALM MICROPHONE |
| 1 | B18 | ADD AUXILIARY SPKR 15 WATT |
| 1 | QA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 1 | G843 | ADD AES ENCRYPTION APX |
| 1 | W969 | ADD MULTIPLE KEY ENCRPTION OPERATION |
| Gardiner Fire | | |
| APX3000XE 2 band, 2.5 Black | | |
| 2 | H91TGD9PW6 N | APX 3000 ALL BAND PORTABLE MODEL 2.5 |
| 2 | QA02006 | ENH APX3000XE RUGGED RADIO |
| 2 | Q806 | ADD ASTRO DIGITAL CALL OPERATION |
| 2 | Q361 | ADD P25 TRUNKING SOFTWARE |
| 2 | QA05509 | DEL DELETE UHF BAND |

November 3, 2014
Use of resources of the Department of Public Safety
in the execution of the above work
Equipment List (Shelby County)

| | | |
|----------------------------|--------------|--|
| 2 | Q838 | ADD SMARTZONE OPERATION |
| 2 | QA00580 | ADD TDMA OPERATION |
| 2 | Q887 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 2 | QA00500 | ADD DIGITAL TONE SIGNALING |
| 2 | QA01648 | ADD ADVANCED SYSTEM KEY - HARDWARE KEY |
| 2 | Q629 | ENH AES ENCRYPTION |
| 2 | H869 | ENH MULTIKEY |
| 2 | QA00901 | ADD WIFI CAPABILITY |
| 2 | QA00907 | ADD OUT OF THE BOX WIFI PROVISIONING |
| APX 8000 Accessories | | |
| 2 | WPLN7080 | APX 7000 IMPRES CG SU APX7000 US/NA/CAL/A |
| 2 | HMN4104B | IMPRES RSMI DSPLY W JACK, W CHNL |
| 2 | NNTN7038B | BATT IMP STD IP67 LION 2800M 3100T BLK |
| 2 | AY000222A01 | CARRY ACCESSORY CASE APX7000 FIRE |
| | | Gardiner Fire Total |
| Grundy County | | |
| APX 4000 dual knob w/o DTS | | |
| 1 | H51UCF9PW6 N | APX 4000 7800 MHZ MODEL 2 PORTABLE |
| 1 | QA04865 | ADD TWO KNOB CONFIGURATION |
| 1 | QA02756 | ENH 3600 OR 9600 TRUNKING BAUD SIN |
| 1 | QA00580 | ADD TDMA OPERATION |
| 1 | QA01648 | ADD ADVANCED SYSTEM KEY - HARDWARE KEY |
| 1 | H869 | ENH MULTIKEY |
| 1 | Q887 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 1 | Q629 | ENH AES ENCRYPTION |
| | | APX 4500 - Black dash mount |
| 1 | M22JRS9PW1 N | APX4500 7800 |
| 1 | QA02756 | ADD 3600 OR 9600 TRUNKING BAUD SINGLE SYSTEM |
| 1 | QA00580 | ADD TDMA OPERATION |
| 1 | QA00304 | ADD APX Q2 CONTROL HEAD (Grey) |
| 1 | GA09000 | ADD DIGITAL TONE SIGNALING |
| 1 | Q444 | ADD APX CONTROL HEAD SOFTWARE |

Grundy County Emergency, Telephone Systems, Local
Grundy County Communication System, Unit 911
Grundy County, Missouri, Commercial Radio, is 4

| | | |
|--------------------------------|--------------|--|
| 1 | Q866 | ADD DASH MOUNT |
| 1 | Q889 | ADD NOIR ANTENNA NEEDLE |
| 1 | W22 | ADD PALM MICROPHONE |
| 1 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 1 | Q843 | ADD AES ENCRYPTION APX |
| 1 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| APX 6000 w/o DTS | | |
| 34 | H80UCF9PW6BN | APX6000 7800 MHz MODEL 2 5 PORTABLE |
| 34 | Q806 | ADD ASTRO DIGITAL CALL OPERATION |
| 34 | H38 | ADD SMARTZONE OPERATION |
| 34 | Q361 | ADD P25 9600 BAUD TRUNKING |
| 34 | QA01648 | ADD ADVANCED SYSTEM KEY - HARDWARE KEY |
| 34 | QA00901 | ADD WIFI CAPABILITY |
| 34 | QA00580 | ADD TDMA OPERATION |
| 34 | Q629 | ENH AES ENCRYPTION |
| 34 | H869 | ENH MULTIKEY |
| 34 | Q887 | ADD 5 YEAR SERVICE FROM THE START LITE |
| APX 6500 07 w/o DTS Dash mount | | |
| 29 | M25JRS9PW1 N | APX6500 7800 MHZ MID POWER MOBILE |
| 29 | Q806 | ADD ASTRO DIGITAL CALL OPERATION |
| 29 | Q351 | ENH SMARTZONE OPERATION APX6500 |
| 29 | Q361 | ADD P25 TRUNKING SOFTWARE |
| 29 | QA00580 | ADD TDMA OPERATION |
| 29 | GA00805 | ADD APX Q7 CONTROL HEAD |
| 29 | Q444 | ADD APX CONTROL HEAD SOFTWARE |
| 29 | Q866 | ADD DASH MOUNT |
| 29 | Q889 | ADD NOIR ANTENNA NEEDLE |
| 29 | W22 | ADD PALM MICROPHONE |
| 29 | B18 | ADD AUXILIARY SPEAKER 5 WATT |
| 29 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 29 | Q843 | ADD AES ENCRYPTION AP |
| 29 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |

November 1, 2018
Use of equipment is the property of Grundy County
Grundy County, Missouri, Commercial Radio, is 3

Grundy County Emergency, Telephone Systems, Local
Grundy County Communication System, Unit 911
Grundy County, Missouri, Commercial Radio, is 3

| APX 8000 ALL BAND PORTABLE MODEL 3.5 | |
|--------------------------------------|---|
| 4 H91TGD9PW7 N | APX 8000 ALL BAND PORTABLE MODEL 3.5 |
| 4 Q806 | ADD ASTRO DIGITAL CALL OPERATION |
| 4 Q361 | AUD P25 9600 BAUD TRUNKING |
| 4 H38 | AUD SMART ZONE OPERATION |
| 4 QAU0580 | AUD TDMA OPERATION |
| 4 Q887 | AUD 5 YEAR SERVICE FROM THE START LITE |
| 4 H869 | ENH MULTIPLE |
| 4 QAU0001 | AUD WIFI CAPABILITY |
| 4 QAU0007 | AUD OUT OF THE BOX WIFI PROVISIONING |
| 4 QAU0000 | AUD DIGITAL TONE SIGNALING |
| 4 Q829 | ENH AES ENCRYPTION |
| 4 QAU03176 | ADD BASIC DEVICE COLLABORATION SOFTWARE |
| 4 Q353 | ADD FRONT PANEL PROGRAMMING (FPP) |
| APX 4000 accessories | |
| 1 PMMN4069A | IMPRES RSM 3.5MM AUDIO JACK |
| 1 PMLN182A | APX2000/4000 TWO-KNOB SWIVEL LEATHER CARRY CASE |
| 1 PMNN448AR | BATTERY PACK, MAH,BATT IMP STD IP67 L10N2700M2800T |
| APX 6000 Accessories | |
| 34 PMMN4084A | PLUS RSM NC IP54 THRD 3.5MM JACK RX |
| 34 WPLN7080 | APX 7000 IMPRES CG SU APX7000 USINA/CA/LA |
| 34 PMLN6802A | ACCESSORY KIT MOLDED NYLON CARRY CASE W/SWIVEL |
| 34 PMNN4486 | BATT IMPRES 2 L10N R IP68 3400T |
| APX 8000 Accessories | |
| 4 WPLN7080 | APX 7000 IMPRES CG SU APX7000 USINA/CA/LA |
| 4 HMN4104B | IMPRES RSM DISPLAY W JACK, W CHNL |
| 4 NNTN7038B | BATT IMP STD IP67 L10N 2900M 3100T BLK |
| 4 PMLN6802A | ACCESSORY KIT MOLDED NYLON CARRY CASE W/SWIVEL |
| Grundy County Total | |

Grundy County Emergency Telephone System RFP and
Grundy County Contract #2019-0011-0001
November 3, 2019
Use or inclusion of this proposal is subject
to the restrictions on the cover page
Equipment List (Exhibit C-2) / 15

| Grundy County ETSB | |
|---|--|
| APX 6000 w/o DTS | |
| 2 H88UCJF9WWS211 | APX6000 7800 MHz DUAL BAND ABLK |
| 2 Q806 | AUD ASTRO DIGITAL CALL OPERATION |
| 2 H38 | AUD SMART ZONE OPERATION |
| 2 Q361 | AUD P25 9600 BAUD TRUNKING |
| 2 QAU0580 | AUD ADVANCED SYSTEM KEY HARIWAPR KE |
| 2 QAU0001 | AUD WIFI CAPABILITY |
| 2 QAU0580 | AUD TDMA OPERATION |
| 2 Q829 | ENH AES ENCRYPTION |
| 2 H869 | ENH MULTIPLE |
| 2 Q887 | AUD 5 YEAR SERVICE FROM THE START LITE |
| APX 5500 Mobile - 07 Remote-Mount | |
| 1 M25URSPW1N | APX5500 7800 MHz MID POWER MOBILE |
| 1 Q806 | AUD ASTRO DIGITAL CALL OPERATION |
| 1 Q361 | ENH SMART ZONE OPERATION APX6500 |
| 1 QAU0580 | AUD P25 TRUNKING SOFTWARE |
| 1 QAU0805 | AUD TDMA OPERATION |
| 1 QAU0000 | AUD APX 07 CONTROL HEAD |
| 1 G444 | AUD DIGITAL TONE SIGNALING |
| 1 G67 | AUD APX CONTROL HEAD SOFTWARE |
| 1 G89 | AUD REMOTE MOUNT MID POWER |
| 1 W22 | AUD NO RF ANTENNA NEEDED |
| 1 B18 | AUD PAI MMR RUPTURE |
| 1 QAU0318 | AUD AUXILIARY SPARE 5.9VA/1 |
| 1 G843 | AUD 5 YEAR SERVICE FROM THE START LITE |
| 1 W569 | AUD AES ENCRYPTION APX |
| 1 G628 | AUD MULTIPLE KEY ENCRYPTION OPERATION |
| | AUD REMOTE MOUNT LBL 17 FEET |
| APX 8500 Mobile - 07 Dual Control Heads | |
| 1 M25URSPW1N | APX8500 8000 MHz MID POWER MOBILE |
| 1 Q806 | AUD ASTRO DIGITAL CALL OPERATION |

November 3, 2019
Use or inclusion of this proposal is subject
to the restrictions on the cover page
Equipment List (Exhibit C-2) / 15

Grundy County Emergency Telephone System RFP and
Grundy County Contract #2019-0011-0001
November 3, 2019
Use or inclusion of this proposal is subject
to the restrictions on the cover page
Equipment List (Exhibit C-2) / 15

| | | |
|--------------------------------------|--------------|--|
| 1 | G51 | ENH SMARTZONE OPERATION APX6500 |
| 1 | G361 | ADD P25 TRUNKING SOFTWARE |
| 1 | GA00580 | ADD TDMA OPERATION |
| 2 | G442 | ADD OS CONTROL HEAD |
| 1 | GA09000 | ADD DIGITAL TONE SIGNALING |
| 1 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 1 | G366 | ADD DASH MOUNT |
| 1 | G389 | ADD NO RF ANTENNA NEEDED |
| 2 | W22 | ADD PALM MICROPHONE |
| 2 | B18 | ADD AUXILIARY SPKR 7.5 WATT |
| 1 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 1 | G343 | ADD AES ENCRYPTION APX |
| 1 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| 1 | GA00092 | ADD DUAL-CONTROL HD HARDWARE |
| 2 | G628 | ADD REMOTE MOUNT CBL 17 FEET |
| APX 8500 OS Dash mount w/DT'S | | |
| 3 | M25URS9PW1 N | APX8500 71800 MHZ MID POWER MOBILE |
| 1 | G306 | ADD ASTRO DIGITAL CAL OPERATION |
| 1 | G51 | ENH SMARTZONE OPERATION APX8500 |
| 3 | G361 | ADD P25 TRUNKING SOFTWARE |
| 3 | GA00580 | ADD TDMA OPERATION |
| 3 | G442 | ADD OS CONTROL HEAD |
| 3 | GA09000 | ADD DIGITAL TONE SIGNALING |
| 3 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 1 | G366 | ADD DASH MOUNT |
| 3 | G389 | ADD NO RF ANTENNA NEEDED |
| 3 | W22 | ADD PALM MICROPHONE |
| 3 | B18 | ADD AUXILIARY SPKR 7.5 WATT |
| 3 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 3 | G343 | ADD AES ENCRYPTION APX |
| 3 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| | | APX 8500 OS VHF Dash Mount w/DT'S |

November 1, 2016
Use the recorder of this program, it is subject to the restrictions on the cover page.

Equipment List (Table 1-2) 7-13

| | | |
|---|--------------|--|
| 3 | M25KSS9PW1 N | APX8500 VHF MID POWER |
| 3 | G341 | ENH SMARTZONE OPERATION APX8500 |
| 3 | G348 | ENH CONVENTIONAL OPERATION APX8500 |
| 3 | G442 | ADD OS CONTROL HEAD |
| 3 | GA09000 | ADD DIGITAL TONE SIGNALING |
| 3 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 3 | G366 | ADD DASH MOUNT |
| 3 | G389 | ADD NO RF ANTENNA NEEDED |
| 3 | W22 | ADD PALM MICROPHONE |
| 3 | B18 | ADD AUXILIARY SPKR 7.5 WATT |
| 1 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 3 | G343 | ADD AES ENCRYPTION APX |
| 3 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| | | APX 8500 ALL BAND PORTABLE MODEL 3.5 |
| 3 | H01G09PW7 N | APX 8500 ALL BAND PORTABLE MODEL 3.5 |
| 1 | GA02006 | ENH APX8000X1 (RUSCE) (3400) |
| 1 | G306 | ADD ASTRO DIGITAL CAL OPERATION |
| 1 | G361 | ENH SMARTZONE OPERATION |
| 1 | H38 | ADD TDMA OPERATION |
| 1 | GA00580 | ADD TDMA OPERATION |
| 1 | G387 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 1 | GA09000 | ADD DIGITAL TONE SIGNALING |
| 1 | GA01848 | ADD ADVANCED SYSTEM KEY HARDWARE KEY |
| 1 | G629 | ENH AES ENCRYPTION |
| 1 | H869 | ENH MULTIPLE |
| 1 | GA09001 | ADD WIFIT APABILITY |
| 1 | GA09007 | ADD EXIT OF THE BOX WIFIT PROVISIONING |
| 1 | G53 | ADD FRONT PANEL PROGRAMMING (FPP) |
| | | APX 8500 all band unit available in Dec 2016 |
| 1 | M37TSS9PW1 N | APX 8500 ALL BAND MID POWER |
| 1 | G306 | ADD ASTRO DIGITAL CAL OPERATION |
| 1 | G51 | ENH SMARTZONE OPERATION APX |

November 1, 2016
Use the recorder of this program, it is subject to the restrictions on the cover page.

Equipment List (Table 1-2) 7-14

November 1, 2016
Use the recorder of this program, it is subject to the restrictions on the cover page.

Equipment List (Table 1-2) 7-15

| | | |
|-----|-----------|---|
| 1 | G361 | ADD: P25 TRUNKING SOFTWARE |
| 1 | GA00580 | ADD: TDMA OPERATION |
| 1 | QA01648 | ADD: ADVANCED SYSTEM KEY HARDWARE KEY |
| 1 | G442 | ADD: Q5 CONTROL HEAD |
| 1 | G444 | ADD: APX CONTROL HEAD SOFTWARE |
| 1 | G66 | ADD: DASH MOUNT |
| 1 | GA01513AA | ADD: ALL BAND MOBILE ANTENNA 78 V U 764-870 136-174 380 to 520 Not compatible with motorcycle configuration |
| 1 | W22 | ADD: PALM MICROPHONE |
| 1 | G142 | ADD: NO SPEAKER NEEDED |
| 1 | GA01517 | DEL NO J600 ADAPTER CABLE NEEDED |
| 1 | GA00235 | ADD: NO GPS ANTENNA NEEDED |
| 1 | GA00318 | ADD: 5 YEAR SERVICE FROM THE START LITE |
| 1 | GA09001 | ADD: WIFI This feature Enables Wi-Fi capability in the radio. Supports codeplug updates, firmware releases, and FLASHport upgrades over pre-provisioned wireless networks. Requires Radio Management SW (ordered separately) Must order Out of the Box Wi-Fi provisioning option (GA09007) used if provisioning the radios out of the box using Wi-Fi. Requires Wi-Fi antenna selection. |
| 1 | GA09007 | ADD: OUT OF THE BOX Wi-Fi Provisioning Requires Wi-Fi (GA09001) Must be added if provisioning the radios out of the box using Wi-Fi is desired. Refer to the "Out of the Box Wi-Fi Provisioning" section above for details |
| 1 | W969 | ADD: MULTIPLE KEY ENCRYPTION OPERATION |
| 1 | G843 | ADD: AES ENCRYPTION APX |
| | | Misc Accessories |
| 7 | NNTN7055B | IMPRES MULTI UNIT CHARGER US/NA/CA/LA |
| | | Radio Management |
| 1 | T7914 | RADIO MANAGEMENT ONLINE |
| 346 | UA00049AA | ADD: RADIO MANAGEMENT LICENSES ONLINE |
| | | Flashing Budget |
| 1 | T7696 | ANALOG SMARTZONE |

November 1, 2014
 Use or disclosure of this proposal is subject to the restrictions in the cover page
 Equipment List (Exhibit C.2) 1-15

| | | |
|----|-------------|--|
| 51 | W809BL | ENH: MULTIKEY OPERATION |
| 1 | T7696 | ANALOG SMARTZONE |
| 53 | G361AK | ENH: ASIRX P25 TRUNKING SOFTWARE |
| 53 | GA00580AC | ENH: UPGRADE TO LIME |
| 53 | QA01648AC | ADD: ADVANCED SYSTEM KEY HARDWARE KEY H/F |
| 51 | W969BL | ENH: MULTIKEY OPERATION |
| 1 | T7686 | KVI: 4000 FLASHPORT UPGRADE |
| 51 | CA01639AA | ADD: APX ENCRYPTION |
| | | APX 500W Accessories |
| 2 | PMNN4084A | PLUG: RSM NO IP54 110V 3.5MM JACK RX |
| 2 | WPLN7080 | APX: 7000 IMPRES G35 SII APX7000 US/NA/CA/LA |
| 2 | PMLN6802A | IMPRES: RSM DISPLAY W JACK W CHNL |
| 2 | PMNN4486 | BAT: 1IMP STD IP67 110V 2400M 31001 BLK |
| | | CARRY ACCESSORY CASE APX7000 FIRE |
| | | APX 800W Accessories |
| 1 | WPLN7080 | APX: 7000 IMPRES G35 SII APX7000 US/NA/CA/LA |
| 1 | HMNA104B | IMPRES: RSM DISPLAY W JACK W CHNL |
| 1 | NNTN70385 | BAT: 1IMP STD IP67 110V 2400M 31001 BLK |
| 1 | AY000222A01 | CARRY ACCESSORY CASE APX7000 FIRE |
| | | APX Dual Band Console |
| 3 | L30TSS9PW1N | APX7500 CONSOLE LITE DUAL BAND M |
| 3 | G806 | ADD: ASIRX DIGITAL CAL OPERATION |
| 3 | GA00244 | ADD: 7800MHZ PRIMARY BAND |
| 3 | QA00579 | ADD: ENABLE DUAL BAND OPERATION |
| 3 | GA00308 | ADD: YHIF MP SECONDARY BAND |
| 3 | G351 | ENH: SMARTZONE OPERATION APX |
| 3 | QA01648 | ADD: ADVANCED SYSTEM KEY HARDWARE KEY |
| 3 | G361 | ADD: P25 TRUNKING SOFTWARE |
| 3 | CA01598 | ADD: ALI LINE CONDUIS |
| 3 | L999 | ADD: F111 FP W/BIKE /HAUCLOCK/KVU |
| 3 | GA00318 | ADD: 5 YEAR SERVICE FROM THE START LITE |
| 3 | LKN6233C | APX: 4000MHZ 110V 2400M 31001 BLK |
| 3 | G843 | ADD: APX ENCRYPTION APX |

November 1, 2014
 Use or disclosure of this proposal is subject to the restrictions in the cover page
 Equipment List (Exhibit C.2) 1-15

| | | |
|------------------------------------|--------------|--|
| 3 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| 1 | | Gundy County ETSB Total |
| Mazon Fire | | |
| APX 4500 - Black dash mount | | |
| 1 | M22URS9PW1N | APX4500 7/800 |
| 1 | QA02756 | ADD 3600 OR 9600 TRUNKING BAUD SINGLE SYSTEM |
| 1 | QA00580 | ADD TDMA OPERATION |
| 1 | QA00804 | ADD APX OZ CONTROL HEAD (Grey) |
| 1 | QA09000 | ADD DIGITAL TONE SIGNALING |
| 1 | QA444 | ADD APX CONTROL HEAD SOFTWARE |
| 1 | QA66 | ADD DASH MOUNT |
| 1 | QA89 | ADD NO RF ANTENNA NEEDED |
| 1 | W22 | ADD PALM MICROPHONE |
| 1 | QA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 1 | QA43 | ADD AES ENCRYPTION APX |
| 1 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| APX 9600XE | | |
| 6 | H98UCF9PW6BN | APX6000 7/800 MODEL 2 5 PORTABLE |
| 6 | QA02006 | EN11 APX6000XE RUGGED RADIO |
| 6 | QA06 | ADD ASTRO DIGITAL CAL OPERATION |
| 6 | QA361 | ADD P25 9600 BAUD TRUNKING |
| 6 | QA38 | ADD SMARTZONE OPERATION |
| 6 | QA01648 | ADD ADVANCED SYSTEM KEY HARDWARE KEY |
| 6 | QA00680 | ADD TDMA OPERATION |
| 6 | QA09000 | ADD DIGITAL TONE SIGNALING |
| 6 | QA09001 | ADD WIFI CAPABILITY |
| 6 | QA09007 | ADD OUTPUT OF THE BOX WIFI PROVISIONING |
| 6 | H864 | ENH MULTIPLE KEY |
| 6 | QA629 | ENH AES ENCRYPTION |
| 6 | QA87 | ADD 5 YEAR SERVICE FROM THE START LITE |
| | | APX8000XE 2 band 2 5 Black |
| 2 | H91GJ9PW6N | APX 8000 ALL BAND PORTABLE MODEL 2 5 |

Gundy County Emergency Services System Board
Gundy County, Missouri, 64501-1000
4850-200 Solutions - Communications Resources



| | | |
|------------------------------|-------------|--|
| 2 | QA02006 | EN11 APX8000XE RUGGED RADIO |
| 2 | QA06 | ADD ASTRO DIGITAL CAL OPERATION |
| 2 | QA361 | ADD P25 9600 BAUD TRUNKING |
| 2 | QA05509 | DEL DELETE UHF HAND |
| 2 | HJ8 | ADD SMARTZONE OPERATION |
| 2 | QA00580 | ADD TDMA OPERATION |
| 2 | QA887 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 2 | QA09000 | ADD DIGITAL TONE SIGNALING |
| 2 | QA01648 | ADD ADVANCED SYSTEM KEY HARDWARE KEY |
| 2 | QA629 | ENH AES ENCRYPTION |
| 2 | H869 | ENH MULTIPLE KEY |
| 2 | QA09001 | ADD WIFI CAPABILITY |
| 2 | QA09007 | ADD OUTPUT OF THE BOX WIFI PROVISIONING |
| APX 8000 Accusync | | |
| 8 | WPLN7080 | APX 7000 IMPRES DIG SII APX7000 US/NA/CAL A |
| 8 | IMNA1043 | IMPRES RSW (RSP) W PL R SP HNI |
| 8 | NNTN7038R | BATT IMP STD (P47) IICN 7800W 31001 RIK |
| 8 | AY000222A01 | CARRY ALICE SSKRY CASE APX7000 FIRE |
| South Wilmington Fire | | |
| 5 | M22URS9PW1N | APX 4500 Black dash mount |
| 5 | QA02756 | APX4500 7/800 |
| 5 | QA00580 | ADD 3600 OR 9600 TRUNKING BAUD SINGLE SYSTEM |
| 5 | QA00804 | ADD TDMA OPERATION |
| 5 | QA09000 | ADD APX OZ CONTROL HEAD (Grey) |
| 5 | QA444 | ADD DIGITAL TONE SIGNALING |
| 5 | QA66 | ADD APX CONTROL HEAD SOFTWARE |
| 5 | QA89 | ADD DASH MOUNT |
| 5 | W22 | ADD NO RF ANTENNA NEEDED |
| 5 | QA00318 | ADD PALM MICROPHONE |
| 5 | QA43 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 5 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |

November 1, 2016
This is a disclaimer of the proposal to support
the operations of the Gundy County
Emergency Services System Board



November 1, 2016
This is a disclaimer of the proposal to support
the operations of the Gundy County
Emergency Services System Board



| | | |
|---|--------------|---|
| 12 | H38 | ADD SMARTZONE OPERATION |
| 12 | QA00580 | ADD TDMA OPERATION |
| 12 | Q487 | ADD 5 YEAR SERVICE FROM THE START LIFE |
| 12 | H869 | ENH MULTIKEY |
| 12 | QA01648 | ADD ADVANCED SYSTEM KEY - HARDWARE KEY |
| 12 | QA09001 | ADD WIFI CAPABILITY |
| 12 | QA09007 | ADD OUT OF THE BOX WIFI PROVISIONING |
| 12 | QA09000 | ADD DIGITAL TONE SIGNALING |
| 12 | Q629 | ENH AES ENCRYPTION |
| 0 | H499 | ENH SUBMERSIBLE (DELTA T) |
| APX 8500 all bands w/o DTS (not available till Dec 2016) | | |
| 3 | M37TSS9PW1 N | APX8500 ALL BAND MID POWER |
| 3 | G806 | ADD ASTRO DIGITAL CAL OPERATION |
| 3 | G51 | ENH SMARTZONE OPERATION APX |
| 3 | G361 | ADD P25 TRUNKING SOFTWARE |
| 3 | QA00580 | ADD TDMA OPERATION |
| 3 | QA01648 | ADD ADVANCED SYSTEM KEY - HARDWARE KEY |
| 3 | G442 | ADD OS CONTROL HEAD |
| 3 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 3 | G66 | ADD DASH MOUNT |
| 3 | GA01513AA | ADD ALL BAND MOBILE ANTENNA /B V. U. 764-870, 136-174 380 to 520 - Not compatible with motorcycle configuration |
| 3 | W22 | ADD PALM MICROPHONE |
| 3 | G142 | ADD NO SPEAKER NEEDED |
| 3 | GA01517 | DEL NO J600 ADAPTER CABLE NEEDED |
| 3 | GA00235 | ADD NO GPS ANTENNA NEEDED |
| 3 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LIFE |
| 3 | GA09001 | ADD WIFI |

November 7, 2016
Use a description of the equipment in all parts
of the equipment list on the cover page

Equipment List (Exhibit C-2) 1-21

| | | |
|-----------------------------|---------------|--|
| 3 | | This feature Enables Wi-Fi capability in the radio. Supports codeplug updates, firmware refreshes, and FLASHPort upgrades over pre-provisioned wireless networks. Requires Radio Management SW (ordered separately). Must order Out of the Box Wi-Fi Provisioning option (GA09007) used if provisioning the radios out of the box using Wi-Fi. Requires Wi-Fi antenna selection. |
| 3 | GA09007 | ADD OUT OF THE BOX Wi-Fi Provisioning |
| 3 | | Requires Wi-Fi (GA09001). Must be added if provisioning the radios out of the box using Wi-Fi is desired. Refer to the "Out of the Box Wi-Fi Provisioning" section above for details. |
| 3 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| 3 | G843 | ADD AES ENCRYPTION APX |
| APX 8000 Accessories | | |
| 12 | WPLN7080 | APX 7000 IMPRES LOG SU APX7000 US/NA/CA/LA |
| 12 | HMN4104B | IMPRES RSW DISPLAY W/ JAK K W/ CHNI |
| 12 | NNTN7038R | BATT IMP STD IP67 LION 2900M 3100T BLK |
| 12 | PMLN6802A | ACU/SSORY KIT MOLDED NYLON CARRY CASE W/ SWIVEL |
| APX 5000 Accessories | | |
| 9 | PMNN4064A | PLUS RSM NO IP54 THRD 3.5MM JACK RX |
| 9 | WPLN7080 | APX 7000 IMPRES LOG SU APX7000 US/NA/CA/LA |
| 9 | PMLN6802A | ACCESSORY KIT MOLDED NYLON CARRY CASE W/ SWIVEL |
| 9 | PMNN4486 | BATT IMPRES 2 LION R IP68 3400T |
| | | Coal City Village 1 total |
| Amazon Police | | |
| APX 8000 w/o DTS | | |
| 1 | H98UCFHPW6B1N | APX8000 7/800 MODEL 2.5 PORTABLE |
| 1 | Q806 | ADD ASTRO DIGITAL CAL OPERATION |
| 1 | H38 | ADD SMARTZONE OPERATION |
| 1 | Q361 | ADD P25 9600 BAUD FRUNKIN |
| 1 | QA01648 | ADD ADVANCED SYSTEM KEY - HARDWARE KEY |
| 1 | QA09001 | ADD WIFI CAPABILITY |
| 1 | QA00580 | ADD TDMA OPERATION |

November 3, 2016
Use a description of the equipment in all parts
of the equipment list on the cover page

Equipment List (Exhibit C-2) 1-21

Grady County Emergency Telephone System Board
Grady County Communication System Upgrade

Grady County Communication System Upgrade

| | | |
|---------------------------------------|--------------|--|
| 1 | Q629 | ENH AES ENCRYPTION |
| 1 | H869 | ENH MULTI KEY |
| 1 | Q887 | ADD 5 YEAR SERVICE FROM THE START LIFE |
| APX 6500 07 w/o DTS Dash mount | | |
| 1 | M25URSSPW1 N | APX6500 7800 MHZ MID POWER MOBILE |
| 1 | G806 | ADD ASTRO DIGITAL CAL OPERATION |
| 1 | G51 | ENH SMARTZONE OPERATION APX6500 |
| 1 | G361 | ADD P25 TRUNKING SOFTWARE |
| 1 | GA00580 | ADD TDMA OPERATION |
| 1 | GA00805 | ADD APX DXT CONTROL HEAD |
| 1 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 1 | G66 | ADD DASH MOUNT |
| 1 | G89 | ADD NO RF ANTENNA NEEDED |
| 1 | W22 | ADD PALM MICROPHONE |
| 1 | B18 | ADD AUXILIARY SPKR 7.5 WATT |
| 1 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LIFE |
| 1 | G843 | ADD AES ENCRYPTION APX |
| 1 | W599 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| APX 6000 Accessories | | |
| 1 | PMNN4084A | PLUS RSM NC IPS4 THRD 3.5MM JACK RX |
| 1 | WPLN7080 | APX 7000 IMPRES CG SU APX7000 USNAC/ALA |
| 1 | PMLN6802A | ACCESSORY KIT MOLDED NYLON CARRY CASE W/SWIVEL |
| 1 | PMNN4486 | BATT IMPRES 2 LION R IP68 3400T |
| | | Mazort Police |
| Minodoka Police | | |
| APX 6000 w/o DTS | | |
| 24 | H98UCF9PW6BN | APX6000 7800 MODEL 2.5 PORTABLE |
| 24 | G806 | ADD ASTRO DIGITAL CAL OPERATION |
| 24 | H38 | ADD SMARTZONE OPERATION |
| 24 | G361 | ADD P25 9600 BAUD TRUNKING |
| 24 | QA01848 | ADD ADVANCED SYSTEM KEY - HARDWARE KEY |
| 24 | QA09001 | ADD WIFI CAPABILITY |

Grand County Emergency Telephone System Revised
Grand County Communication System Update

November 1, 2016
This is a disclaimer of this proposal is subject
to the restrictions on the cover page
Equipment List (Table 1); 7.2.1

| | | |
|---------------------------------------|--------------|---|
| 24 | QA00580 | ADD TDMA OPERATION |
| 24 | Q629 | ENH AES ENCRYPTION |
| 24 | H869 | ENH MULTI KEY |
| 24 | Q887 | ADD 5 YEAR SERVICE FROM THE START LIFE |
| APX 6500 07 w/o DTS Dash mount | | |
| 7 | M25URSSPW1 N | APX6500 7800 MHZ MID POWER MOBILE |
| 7 | G806 | ADD ASTRO DIGITAL CAL OPERATION |
| 7 | G51 | ENH SMARTZONE OPERATION APX6500 |
| 7 | G361 | ADD P25 TRUNKING SOFTWARE |
| 7 | GA00580 | ADD TDMA OPERATION |
| 7 | GA00805 | ADD APX DXT CONTROL HEAD |
| 7 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 7 | G66 | ADD DASH MOUNT |
| 7 | G89 | ADD NO RF ANTENNA NEEDED |
| 7 | W22 | ADD PALM MICROPHONE |
| 7 | B18 | ADD AUXILIARY SPKR 7.5 WATT |
| 7 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LIFE |
| 7 | G843 | ADD AES ENCRYPTION APX |
| 7 | W599 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| APX 6000 Accessories | | |
| 24 | PMNN4084A | PLUS RSM NC IPS4 THRD 3.5MM JACK RX |
| 24 | WPLN7080 | APX 7000 IMPRES CG SU APX7000 USNAC/ALA |
| 24 | PMLN6802A | ACCESSORY KIT MOLDED NYLON CARRY CASE W/SWIVEL |
| 24 | PMNN4486 | BATT IMPRES 2 LION R IP68 3400T |
| | | Mazort Police |
| Morris Fire | | |
| APX 4500 Green Dash mount | | |
| 10 | M22URSSPW1 N | APX4500 7800 |
| 10 | QA02756 | ADD 9600 CTR 9600 TDM IN USE BAUD SINGLE SYSTEM |
| 10 | GA00580 | ADD TDMA OPERATION |
| 10 | GA00804 | ADD APX DXT CONTROL HEAD (key) |
| 10 | G4201 | ADD 100 WATT G4201 IN CARRY CASE (CZ) |

November 1, 2016
This is a disclaimer of this proposal is subject
to the restrictions on the cover page
Equipment List (Table 1)

Grand County Emergency Telephone System Revised
Grand County Communication System Update

| | | |
|------------------------------|--------------|--|
| 10 | GA09000 | ADD DIGITAL TONE SIGNALING |
| 10 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 10 | G66 | ADD DASH MOUNT |
| 10 | G89 | ADD NO RF ANTENNA NEEDED |
| 10 | W22 | ADD PALM MICROPHONE |
| 10 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 10 | G843 | ADD AES ENCRYPTION APX |
| 10 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| APX 6500 07 w DTS Dash mount | | |
| 3 | M25URS9PW1 N | APX6500 /800 MHz MID POWER MOBILE |
| 3 | G806 | ADD ASTRO DIGITAL CAL OPERATION |
| 3 | G51 | ENH SMARTZONE OPERATION APX6500 |
| 3 | G361 | ADD P25 TRUNKING SOFTWARE |
| 3 | GA00580 | ADD TDMA OPERATION |
| 3 | GA00805 | ADD APX C7 CONTROL HEAD |
| 3 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 3 | GA09000 | ADD DIGITAL TONE SIGNALING |
| 3 | G66 | ADD DASH MOUNT |
| 3 | G89 | ADD NO RF ANTENNA NEEDED |
| 3 | W22 | ADD PALM MICROPHONE |
| 3 | B18 | ADD AUXILIARY SPKR 7.5 WATT |
| 3 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 3 | G843 | ADD AES ENCRYPTION APX |
| 3 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| APX 8000 XE 2 band 2.5 green | | |
| 25 | H91TSD9PW6 N | APX 8000 ALL BAND PORTABLE MODEL 2.5 |
| 25 | GA02006 | ENH APX8000XE RUGGED RADIO |
| 25 | GA01427 | ALT APX 8000 HOUSING GREEN |
| 25 | G806 | ADD ASTRO DIGITAL CAL OPERATION |
| 25 | G361 | ADD P25 9600 BAUD TRUNKING |
| 25 | GA05009 | DEL DELETE UHF BAND |
| 25 | H38 | ADD SMARTZONE OPERATION |

Quincy County Emergency Telephone System Board
Quincy County Emergency Telephone System Upgrade

November 3, 2016
Use of graphics of this proposal is subject to the restrictions on the cover page

Equipment List (Exhibit C) 7.29

| | | |
|----------------------|--------------|---|
| 25 | GA00580 | ADD TDMA OPERATION |
| 25 | Q887 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 25 | GA09000 | ADD DIGITAL TONE SIGNALING |
| 25 | GA01648 | ADD ADVANCED SYSTEM KEY HARDWARE KEY |
| 25 | G629 | ENH SMARTZONE |
| 25 | H869 | ENH MULTIPLE KEY |
| 25 | GA09001 | ADD WIFI CAPABILITY |
| 25 | GA09007 | ADD OUT OF THE BOX WIFI PROVISIONING |
| APX 8000 Accessories | | |
| 25 | WPLN7080 | APX 7000 IMPRES C650 APX 7000 USINACALA |
| 25 | HMIN4104B | IMPRES RSM DISPLAY W/ATF W/CHIN |
| 25 | NNIN/038B | BATT IMP STD IPN/7 LITHIUM 2900MA 3100f BLK |
| 25 | AY000222401 | CARRY ACCESSORY CASE APX7000 FIRE |
| Morris Fire | | |
| City of Morris | | |
| APX 1500 | | |
| 46 | M36URS9PW1 N | APX 1500 /800 |
| 46 | GA01339 | ENH SW P25 TRUNKING |
| 46 | GA00580 | ALT TDMA OPERATION |
| 46 | GA00804 | ALT APX C7 CONTROL HEAD SOFTWARE |
| 46 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 46 | G66 | ENH DASH MOUNT |
| 46 | GA01648 | ADD ADVANCED SYSTEM KEY HARDWARE KEY |
| 46 | G89 | ADD NO RF ANTENNA NEEDED |
| 46 | W22 | ADD PALM MICROPHONE |
| 46 | G142 | ADD NO 3 SPEAKER NEEDED |
| 46 | Q887 | ADD 5 YEAR SERVICE FROM THE START LITE |
| APX 8000 w/o DTS | | |
| 32 | H98UCF9PW6BN | APX8000 /800 MODEL 2.5 PORTABLE |
| 32 | G806 | ADD ASTRO DIGITAL CAL OPERATION |
| 32 | H38 | ADD SMARTZONE OPERATION |
| 32 | G361 | ADD P25 9600 BAUD TRUNKING |

November 3, 2016
Use of graphics of this proposal is subject to the restrictions on the cover page

Equipment List (Exhibit C) 7.29

Quincy County Emergency Telephone System Board
Quincy County Emergency Telephone System Upgrade

November 3, 2016
Use of graphics of this proposal is subject to the restrictions on the cover page

Equipment List (Exhibit C) 7.29

| | | |
|---------------------------------------|--------------|--|
| 32 | QA01648 | ADD ADVANCED SYSTEM KEY - HARDWARE KEY |
| 32 | QA09001 | ADD WIFI CAPABILITY |
| 32 | QA00560 | ADD TDMA OPERATION |
| 32 | QB29 | ENH AES ENCRYPTION |
| 32 | HB69 | ENH MULTIPLE KEY |
| 32 | QB87 | ADD 5 YEAR SERVICE FROM THE START LITE |
| APX 6500 07 W/5 DTS Dual mount | | |
| 2 | M25URS9PW1 N | APX6500 7/800 MHZ MID POWER MOBILE |
| 2 | G806 | ADD ASTRO DIGITAL GAI OPERATION |
| 2 | G51 | ENH SMART ZONE OPERATION APX6500 |
| 2 | G361 | ADD P25 TRUNKING SOFTWARE |
| 2 | GA00580 | ADD TDMA OPERATION |
| 2 | GA00805 | ADD APX 07 CONTROL HEAD |
| 2 | G444 | ADD APX CONTROL HEAD SOFTWARE |
| 2 | G365 | ADD DASH MOUNT |
| 2 | G389 | ADD NO RF ANTENNA NEEDED |
| 2 | W22 | ADD PALM MICROPHONE |
| 2 | A18 | ADD AUXILIARY SPKR 7.5 WATT |
| 2 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 2 | G3843 | ADD AES ENCRYPTION APX |
| 2 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| APX 6000 Accessories | | |
| 32 | PMNN4084A | PLUS RSM NC IP54 THRD 3.5MM JACK RX |
| 32 | WPLN7080 | APX 7000 IMPRES CG SU APX7000 USINCA/LA |
| 32 | PWLN6802A | ACCESSORY KIT MOLDED NYLON CARRY CASE W/5WVVEL |
| 32 | PMNN4486 | BATT IMPRES 2 LION R IP68 3400T |
| | | City of Morris |

| | | |
|-----------------------------|--------------|---|
| APX 4000 Dual Knob | | |
| 1 | H5TUCF9PW6 N | APX 4000 7/800 MHZ MID PWR PORTABLE |
| 1 | QA04965 | ADD TDMA OPERATION |
| 1 | QA02755 | ENH 3800 JRS 9600 TRUNKING BATT SW |
| 1 | QA00580 | ADD TDMA OPERATION |
| 1 | QA01648 | ADD ADVANCED SYSTEM KEY - HARDWARE KEY |
| 1 | H869 | ENH MULTIPLE KEY |
| 1 | QB29 | ENH AES ENCRYPTION |
| | | APX 4500 Black Dash mount |
| 1 | M22URS9PW1 N | APX4500 7/800 |
| 1 | QA02755 | ADD 3800 JRS 9600 TRUNKING BATT SINGLE SYSTEM |
| 1 | GA00580 | ADD TDMA OPERATION |
| 1 | GA00804 | ADD APX 02 CONTROL HEAD (3ley) |
| 1 | GA00800 | ADD DIGITAL TONE SIGNALING |
| 1 | G444 | ADD APX CONTROL HEAD (3) TWAITE |
| 1 | G389 | ADD NO RF ANTENNA NEEDED |
| 1 | W22 | ADD PALM MICROPHONE |
| 1 | GA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 1 | G3843 | ADD AES ENCRYPTION APX |
| 1 | W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| APX 4000 Accessories | | |
| 1 | PMNN4089A | IMPRES RSM 3.5MM AUDIO JACK |
| 1 | PMN17182A | APX2000/4000 1W/3 KNUP SWIVEL LEATHER CARRY CASE |
| 1 | PMNN4448AR | BATTERY PACK MAH48A11 IMP STD IP67 (1000/2700/2800) |
| | | MVA |

| Lynxcell | |
|------------------------------|--|
| APX 4500 - Black dash mount | |
| 5 M2URS9PW1 N | APX4500 7800 |
| 5 QAO2756 | ADD 3600 CP 9600 TRUNKING BAUD SINGLE SYSTEM |
| 5 GA00380 | ADD TDMA OPERATION |
| 5 GA00804 | ADD APX CP CONTROL HEAD (Grey) |
| 5 GA00900 | ADD DIGITAL TONE SIGNALING |
| 5 G444 | ADD APX CONTROL HEAD SOFTWARE |
| 5 G366 | ADD DASH MOUNT |
| 5 G389 | ADD NO RF ANTENNA NEEDED |
| 5 W22 | ADD PALM MICROPHONE |
| 5 GA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 5 G3843 | ADD AES ENCRYPTION APX |
| 5 W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| APX 6500 07 W OTS Dash mount | |
| 2 M2URS9PW1 N | APX6500 7800 MHZ MID POWER MOBILE |
| 2 G306 | ADD ASTRO DIGITAL CAI OPERATION |
| 2 G351 | ENH SMARTZONE OPERATION APX6500 |
| 2 G361 | ADD P25 TRUNKING SOFTWARE |
| 2 GA00360 | ADD TDMA OPERATION |
| 2 GA00805 | ADD APX CP CONTROL HEAD |
| 2 G444 | ADD APX CONTROL HEAD SOFTWARE |
| 2 QA09000 | ADD DIGITAL TONE SIGNALING |
| 2 G366 | ADD DASH MOUNT |
| 2 G389 | ADD NO RF ANTENNA NEEDED |
| 2 W22 | ADD PALM MICROPHONE |
| 2 B18 | ADD AUXILIARY SPKR 7.5 WATT |
| 2 GA00318 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 2 G3843 | ADD AES ENCRYPTION APX |
| 2 W969 | ADD MULTIPLE KEY ENCRYPTION OPERATION |
| | APX 8000XE all band 2.5 |
| 1 H91 TG939PW6 N | APX 8000 ALL BAND PORTABLE MODEL 2.5 |

Copyright © 2015
 Use or disclosure of this proposal is subject
 to the restrictions on this cover page
 Equipment List (F-number) 1/29

Stanley County Emergency Telephone System Board
 Stanley County Communication System Operator
 Motorola Solutions Confidential Restricted

| | |
|----------------------|--|
| 4 QAO2006 | ENH APX8000XE RUGGED/RAUPT |
| 4 Q306 | ADD ASTRO DIGITAL CAI OPERATION |
| 4 Q361 | ADD P25 9600 BAUD TRUNKING |
| 4 H36 | ADD SMARTZONE OPERATION |
| 4 QA00580 | ADD TDMA OPERATION |
| 4 Q387 | ADD 5 YEAR SERVICE FROM THE START LITE |
| 4 QA09000 | ADD DIGITAL TONE SIGNALING |
| 4 QA01648 | ADD ADVANCED SYSTEM KEY HARDWARE KEY |
| 4 Q629 | ENH AES ENCRYPTION |
| 4 H669 | ENH MULTIKEY |
| 4 QA09001 | ADD WIFI CAPABILITY |
| 4 QA09007 | ADD OUT OF THE BOX WIFI PROVISIONING |
| APX 9000 Accessories | |
| 4 WPLN7080 | APX 7000 IMPRES C/S SU APX7000 US/NA/CA/EA |
| 4 HMN4104B | IMPRES RSM DISPLAY W/CHNI |
| 4 NNTN7038B | BATT IMP STIP II B7 III IN 2900M 1001 BLK |
| 4 AY000222AU1 | CARRY ACCESSORY CASE APX 900 FIRE |
| | Lynxcell |

Copyright © 2015
 Use or disclosure of this proposal is subject
 to the restrictions on this cover page
 Equipment List (F-number) 1/29

Stanley County Emergency Telephone System Board
 Stanley County Communication System Operator
 Motorola Solutions Confidential Restricted

Price Sheet November 4 2016

Capital Costs

| Subscribers Grundy County | Qty | Unit Discount Price | Unit Extended Price |
|----------------------------------|-----|---------------------|---------------------|
| Coal City Fire Scope | | | \$72,850.80 |
| Braceville Fire Department Scope | | | \$12,948.78 |
| Gardiner Fire Scope | | | \$12,136.72 |
| Grundy County | | | \$273,023.46 |
| Grundy County ETSB Scope | | | \$187,094.86 |
| Mazon Fire Scope | | | \$43,637.56 |
| South Wilmington Fire Scope | | | \$47,685.40 |
| GE Scope | | | \$6,073.44 |
| Coal City Village Scope | | | \$152,993.04 |
| Mazon Police Scope | | | \$7,667.64 |
| Minooka Police Scope | | | \$120,143.82 |
| Morris Fire Scope | | | \$194,064.56 |
| City of Morris Scope | | | \$232,443.00 |
| MVK Scope | | | \$5,825.16 |
| Lyondell Scope | | | \$48,862.28 |
| Grundy Subscriber Total | | | \$1,417,450.52 |

Starcom21 Impact Fees

| | | | |
|---------------------------------------|-----|--------------|--------------|
| RF Remote Sites (one time impact fee) | 3.5 | \$265,000.00 | \$927,500.00 |
| Coverage Drive Test | | | \$10,000.00 |

Grundy County Consoles & Motobridge

| | | | |
|------------------------------------|--|--|--------------|
| 10 Position Console (Wireline) | | | \$640,190.00 |
| Motobridge Equipment Only Purchase | | | \$26,588.00 |

TOTALS

| | | | |
|---------------------------------------|--|--|----------------|
| Capital Purchase of System (up front) | | | |
| * Subscribers, Sites, Consoles | | | \$3,021,728.52 |
| Total | | | \$3,021,728.52 |
| Additional System Incentive | | | (\$132,500.00) |

Exhibit B to ETSB StarCom21 IGA

| | | | |
|---|--|--|-----------------------|
| New System Total to be financed | | | \$2,889,228.52 |
| | | | |
| 10 Year Console Lifecycle Agreement* | | | \$225,000.00 |
| Equipment plus Lifecycle Total | | | \$3,114,228.52 |
| | | | |
| Recurring Costs | | | |
| Port Fee* | | | \$125,000.00 |
| Annual Console Lifecycle Costs (paid annually) | | | \$22,500.00 |
| Annual Console Maintenance Costs (paid annually) | | | 19,381 |

Notes

- * 7 new RF sites: WWT, Cedar, Route 6 Water tower, Linzie, Seneca, Morris, WCCQ
- * Includes conversion of Grundy Starcom site to simulcast
- * All Subscriber pricing is exclusive of installation and programming
- * Port Fee price is per year and the year to year payments are reflected in the TCO View.
- * System incentive was applied to each line of subscribers for showpricing purposes only
- * All subscribers are TDMA
- * Motorola will provide a 46% discount (which reflects the system incentive) off of new APX subscribers outside of this purchase to the Grundy County ETSB members listed above until February 28, 2017
- * This pricing page is contingent upon Motorola's proposal and contract
- * Yearly Starcom Port Fee is shown for illustration purposes only. This fee will be charged to WESCOM dispatch in full who will then bill Grundy County ETSB for the appropriate portion
- * Annual increases in console lifecycle and maintenance are reflected in the TCO view
- * The console lifecycle SUA agreement is a 10 year agreement that is paid annually outside of the financing scope
- * Pricing is valid until Nov 11, 2016 and contingent upon permission to ship all subscribers, dispatch equipment

| | |
|----------------|---------------|
| Finance Amount | 52,989,228.52 |
| Interest Rate | 2% |

[illegible][illegible]

ETSB StarCom 21 Billing and Payment Schedule

| Bill Date | Charges Included | Due Date |
|-----------|--------------------------------------|-----------|
| 5/1/2017 | 2018 Port Fee | 11/1/2017 |
| 5/1/2018 | 2019 Port Fee, Impact Fee, *Hardware | 11/1/2018 |
| 5/1/2019 | 2020 Port Fee, Impact Fee, *Hardware | 11/1/2019 |
| 5/1/2020 | 2021 Port Fee, Impact Fee, *Hardware | 11/1/2020 |
| 5/1/2021 | 2022 Port Fee, Impact Fee, *Hardware | 11/1/2021 |
| 5/1/2022 | 2023 Port Fee, Impact Fee, *Hardware | 11/1/2022 |
| 5/1/2023 | 2024 Port Fee, Impact Fee, *Hardware | 11/1/2023 |
| 5/1/2024 | 2025 Port Fee | 11/1/2024 |
| 5/1/2025 | 2026 Port Fee | 11/1/2025 |
| 5/1/2026 | 2027 Port Fee | 11/1/2026 |

*Hardware will only be charged if an outstanding balance is due