



VILLAGE OF SCHAUMBURG
PROGRESS THROUGH THOUGHTFUL PLANNING

June 25, 2019

Subject: Invitation for Bid – # FD-021 20

From: Jan Williams, CPPB, Buyer
Purchasing Division.

The Village of Schaumburg IL has a current sealed bid opportunity for **Portable and Mobile Radio Equipment**. Bids are due no later than 11:00 a.m. on Tuesday, July 23, 2019.

*Bids shall be submitted in sealed envelopes clearly identified with the Respondent's name, address, subject matter and project number of bid as indicated in the specification, and designated date and time the bids are due. **Absolutely NO electronic bids will be accepted***

Village bids and proposals are available on-line via the village's internet web site. The instructions for accessing this site and down loading the PDF files have been provided on page two of this notice.

It is extremely important that you immediately notify the Purchasing Division via e-mail to jwilliams@schaumburg.com if your firm intends to submit a response to the electronic document. This step is necessary to establish a communication link between the village and the Respondent so that any addenda or other relevant information may be transmitted properly. The Respondent, not the village, is responsible for obtaining any addenda to the original specification when the Respondent chooses the option of downloading electronic files. Addenda and other relevant information will be posted on the *Business to Government-Commerce and Bid Information* web page.

Documents may also be obtained at the Village of Schaumburg, Purchasing Division, 101 Schaumburg Ct., Schaumburg, IL from of 9:00 a.m. to 4:00 p.m., Monday through Friday. **If there are blueprint plans with the project, the files will be provided in CD format, not paper.**

Please complete the information requested below and return via e-mail to jwilliams@schaumburg.com.

Our firm has obtained the electronic PDF file for **Portable and Mobile Radio Equipment** and will be submitting a sealed response.

Company Name: _____ Contact Name: _____

Complete Mailing Address: _____

Phone No.: _____ Fax No: _____

E-mail Address: _____

The Village of Schaumburg's internet web site provides purchasing related information for current & future village suppliers.

IMPORTANT! Vendors that download and print documents from this web site are responsible for obtaining ALL files associated with the individual bids or proposal. In order to maintain the line of communication, vendors intending to respond to a bid or proposal document must provide the Purchasing Division with all company contact information via e-mail to jwilliams@schaumburg.com.

To access the Village of Schaumburg website:

- Logon to: www.villageofschaumburg.com, the main page of the village's web site.

The **Business to Government** page provides general information and access to the village's *Vendor Registration Form, Freedom of Information Form*, and several purchasing related links. To find this page, single click on the left side of the main website page.

The **Current Requests for Bids and Proposals** page provides access to downloadable PDF bid and proposal documents.

Please read the instructions entirely. Below the instructions is a list of bid & proposal opportunities. Access any of the listed projects by single clicking on the individual **TITLE**. A complete detail of the specific project will open up. All document files related to the specific project will be provided as PDF at the bottom of the detail page.

The **General Terms and Conditions** page provides answers to frequently asked questions concerning how to do business with the Village of Schaumburg. To find this page, single click on the left side of the *Business to Government* web page.

The **Procurement Processes** page provides an explanation of the processes utilized by the Village of Schaumburg for procurement of goods and services. To find this page, single click on the left side of the *Business to Government* web page.

**Village of Schaumburg
Legal Notice
Invitation for Bid**

The Village of Schaumburg, IL will accept sealed bids for the purchase and installation of **Portable and Mobile Radio Equipment.**

Specifications and all Contract Documents are available on-line on the Village of Schaumburg's Purchasing Division web page at www.villageofschaumburg.com under **Bids & Proposals**. They may also be obtained from the Village of Schaumburg, Purchasing Division, Atcher Municipal Center, 101 Schaumburg Ct., Schaumburg, IL, 60193 during the hours of 9:00 a.m. and 4:00 p.m., Monday through Friday with prior notification. Prices quoted must be valid for a minimum of 60 days from the date of the bid opening.

Bids will be received by Jan Williams, CPPB, in the Purchasing Office, at the above address until **11:00 a.m. on Tuesday, July 23, 2019.** All bids will be publicly opened immediately thereafter.

The Village of Schaumburg reserves the right to reject any and all bids or to waive any technicalities, discrepancies, or information in the bids. The Village of Schaumburg does not discriminate in admission, access to, treatment, or employment in its programs and activities.

General questions regarding this Legal Notice shall be directed to Jan Williams, CPPB, Purchasing Office, at (847)923.4512. **All detailed questions concerning the actual bid specification are to be forwarded in writing via e-mail to jwilliams@schaumburg.com no less than five (5) business days prior to the scheduled bid opening date.**

Following review and the Purchasing Division's receipt of an award recommendation, contract awards will be posted on the Village of Schaumburg's Internet web site <http://www.villageofschaumburg.com>.

Individuals with disabilities who plan to attend this meeting and who require certain accommodations to allow them to observe and/or participate in this meeting are requested to contact the Village Manager's Office at (847) 923.4708 at least one (1) week prior to this public meeting if possible.

Lisa Petersen
Finance Director

EQUAL EMPLOYMENT OPPORTUNITY CLAUSE

EQUAL EMPLOYMENT OPPORTUNITY CLAUSE required by the Illinois Fair Employment Practices Commission as a material term of all public contracts.

During the performance of this contract, the contractor agrees as follows:

- 1. That** it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or ancestry; and further, that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such under utilization.
- 2. That**, if it hires additional employees in order to perform this contract, or any portion hereof, it will determine the availability (in accordance with the Commission's Rules and Regulations for Public Contracts) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
- 3. That**, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, national origin, or ancestry.
- 4. That** it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the contractor's obligations under the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules and Regulations the contractor will promptly so notify the Illinois Fair Employment Practices Commission and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations there under.
- 5. That** it will submit reports as required by the Illinois Fair Employment Practices Commission's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Commission or the contracting agency, and in all respects comply with the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts.
- 6. That** it will permit access to all relevant books, records, accounts, and work sites by personnel of the contracting agency and the Illinois Fair Employment Practices Commission for purposes of investigation to ascertain compliance with the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts.
- 7. That** it will include verbatim or by reference the provisions of paragraphs 1 through 7 of this clause in every performance subcontract as defined in Section 2.10 (b) of the Commission's Rules and Regulations for Public Contracts so that such provision will be binding upon every such subcontractor; and that it will also include the provisions of paragraphs 1,5, 6, and 7 in every supply subcontract as defined in Section 2.10(a) of the Commission's Rules and Regulations for Public Contracts so that such provisions will be binding upon every such subcontractor. In the same manner as with other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by all its subcontractors; and further it will promptly notify the contracting agency and the Illinois Fair Employment Practices Commission in the event any subcontractor fails or refuses to comply therewith. In addition, no contractor will utilize any subcontractor declared by the Commission to be non-responsible and therefore ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

The Village of Schaumburg does not discriminate on the basis of handicapped status in admission or access to, or treatment or employment in, its programs and activities.

STANDARD CONDITIONS

Contract Documents: Any drawings, plans, standard conditions, special conditions, supplemental additional conditions, specifications, bid notice, bid sheet, and addendum, if any, as specified herein shall form the “Contract Documents.” For the purpose of this bid, the word “Village” shall refer to the Village of Schaumburg, and the word “Bidder” shall refer to any person, company, or entity submitting a bid. Any work shown or described in one of the documents shall be construed as if described in all the documents.

Interpretation of Contract Documents: Each request for interpretation of the Contract Documents shall be made in writing addressed Purchasing Division, Village of Schaumburg, 101 Schaumburg Ct., Schaumburg, IL 60193 and shall be received at least five (5) business days prior to the scheduled bid opening date. Interpretations and supplemental instructions will be in the form of written addenda to the Contract Documents.

Electronic Bid Documents: Bidders that download PDF documents from the Village of Schaumburg’s Purchasing Division internet web page must immediately notify the Purchasing Division via e-mail to jwilliams@schaumburg.com if they intend to submit a response to the bid documents. This step is necessary to establish a communication link between the Village and the Bidder so that any addenda or other relevant information may be transmitted properly. The Bidder, not the Village, is responsible for obtaining any addenda to the original specification when the Bidder chooses the option of downloading bid or proposal files. Addenda and other relevant information will be posted on the *Current Requests for Bids and Proposals*, project specific, web page.

Submittal of Bid: Bids must be submitted to the attention of Jan Williams, CPPB at the above address no later than 11:00 a.m. on Tuesday, July 23, 2019. Bids arriving after the specified time will not be accepted. Mailed bids which are delivered after the specified hour will not be accepted regardless of postmarked time on the envelope. Bidders shall carefully consider all bid delivery options (US Postal Service, UPS, Federal Express, private delivery service, etc.) and select a method that will successfully deliver their bid by the required time and date. Bids shall be submitted in **sealed envelopes** carrying the following information: Bidder’s name, address, subject matter and project number of bid as indicated in the specification, and designated date and time of the bid opening.

Withdrawal of Bid: Bidders may withdraw or cancel their bid, in written form, at any time prior to the advertised bid opening time.

Bidder’s Qualifications: No award will be made to any Bidder who cannot satisfy to the Village that they have sufficient ability and experience in this class of work, as well as sufficient capital and equipment to do the job and complete the work successfully within the time named (i.e. responsible). The Village’s decision or judgment on these matters shall be final, conclusive, and binding. The Village may make such investigations as it deems necessary. The Bidder shall furnish to the Village, under oath if so required, all information and data the Village may request for the purpose of investigation.

Preparation of Bid: The Bidder’s submittal shall include the completed *Bid Sheet* found in the Contract Documents and any further specified documentation. The Village will strictly hold the Bidder to the terms of the bid. The bid must be executed by a person having the legal right and authority to bind the Bidder.

Compliance with Laws: The Bidder shall at all times observe and conform to all laws, ordinances, and regulations of the Federal, State, and local governments, which may in any manner affect the preparation of bids or the performance of the contract.

Freedom of Information Act (FOIA): The Village is required by Public Act 96-542 to comply with freedom of information requests (FOIA) within five (5) business days of a record request. All contractors used by the Village may be in possession of records covered by this act and therefore will be required to provide the Village with those records upon request and within the time frame of the Act.

Confidentiality: As a public agency, the Village is required to adhere to Freedom of Information Public Act 96-542. If a responding firm intends to request confidentiality on any portion of a bid, the submittal shall also include a redacted copy of the bid. Limited redactions will be considered. However, entire full redaction of bid submittals will not be considered for award. If a redacted copy is not provided, the original submittal may be released by the Village as received.

Bid Review: The Village reserves the right to reject any or all bids and/or to waive any irregularities or disregard any informality in the bids and bidding when, in its opinion, the best interest of the Village will be served by such action. Furthermore, the Village reserves the right to award each item to a different Bidder, or all items to a single Bidder unless otherwise noted on the *Bid Sheet*. The Village may determine as follows: 1) an equal or alternative is a satisfactory substitute; 2) an early delivery date is entitled to more consideration than price; 3) an early delivery date is to be disregarded because of the reputation of the Bidder for not meeting delivery dates; 4) a Bidder is not a responsible Bidder; and 5) what exceptions or deviations from written specifications will be accepted. No bid will be accepted from or contract awarded to any person, firm, or corporation that is in arrears or is in default to the Village upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligation to the Village, or had failed to perform faithfully any previous contract with the Village.

Form of Contract: The form of contract between the Village and the successful Bidder will be a purchase order referencing the bid specification, the bid submitted by the successful Bidder, and the resulting purchasing order.

Bid Results: Following the bid opening, bid tabulations will be posted on the Village's Internet web site at www.ci.schaumburg.il.us under the **Bids & Proposals**, project specific, web page. Bid tabulations posted on-line represent "as read" submittals at time of the bid opening. They do not represent contract award. Final awards will be posted when approved.

Delivery: Where applicable, all materials shipped to the Village must be shipped F.O.B. delivered, designated location, Schaumburg, Illinois. If the delivery is made by truck, arrangements must be made in advance by the Bidder, with concurrence by the Village, for receipt of the materials. The materials must be delivered where directed. Truck deliveries will be accepted at the Public Works Facility between 7:00 a.m. and 3:30 p.m. and at all other Village locations 8:00 a.m. and 4:00 p.m., weekdays only.

Inspections: The Village shall have the right to inspect any materials, components, equipment, supplies, services, or completed work specified herein. Any of said items not complying with these specifications are subject to rejection at the option of the Village. Any items rejected shall be removed from the premises of the Village and/or replaced at the entire expense of the successful Bidder.

A. GENERAL SUPPLEMENTAL ADDITIONAL CONDITIONS

Payment: Payment shall be made within 30 days of invoice receipt and approval, unless otherwise specified in the agreed upon contract. **All invoices must include the PO number associated with the order and shall be submitted to the Village of Schaumburg, Accounts Payable Division, 101 Schaumburg Rd., Schaumburg, IL 60193.** If prevailing wage is a requirement of the contract, the invoice must include certified payroll and waivers. Failure to submit all documentation as specified may result in delay of invoice payment.

Toxic Substance: Prior to delivery of any material which is caustic, corrosive, flammable, or dangerous to handle, the supplier will provide written directions as to methods of handling such products, as well as the antidote or neutralizing material required for its first aid. (Materials Safety Data Sheet).

Guarantees and Warranties: All guarantees and warranties required shall be furnished by the Bidder and shall be delivered to the Village before final payment on the contract is issued.

Termination of Contract: The Village reserves the right to terminate in whole or any part of this contract, upon written notice to the Bidder, in the event of default by the Bidder. Default is defined as failure of the Bidder to perform any of the provisions of this contract or failure to make sufficient progress so as to endanger performance of this contract in accordance with its terms. In the event of default and termination, the Village may procure, upon such terms and in such a manner as the Village may deem appropriate, supplies, or services similar to those terminated.

The Bidder shall be liable for any excess costs for such similar supplies or service unless evidence is submitted to the Village that, in the sole opinion of the Village, clearly proves that failure to perform the contract was due to causes beyond the control and without the fault or negligence of the Bidder.

Hold Harmless Agreement (Contractual Liability): The Bidder shall, without regard to the availability or unavailability of any insurance either of the Village or the Bidder, indemnify and save harmless, the Village, its officials, and its employees, against any and all damages, liabilities, losses, and expenses, including reasonable attorneys' fees and administrative expenses recoverable under applicable law, to the extent arising, out of or caused by, the Bidder's negligent or wrongful acts or omissions in the performance of, or failure to perform, the Services or any part thereof, except to the extent caused by the negligence of the Village.

* **Special Requirement:** If the Bidder is an architectural firm or engineering firm, said Bidder shall file a certificate of insurance for professional liability, errors and omissions coverage subject to final acceptance by the Village of said coverage.

Insurance: The Bidder will provide certificates of insurance evidencing the following types and limits of insurance. The certificates of insurance will specifically address each of the requirements noted below. Each insurance company shall be acceptable to the Village. The General Liability coverage shall name the Village of Schaumburg as additional insured. All insurance noted below is primary and in no event will be considered contributory to any insurance purchased by the Village. All insurance noted below will not be canceled, reduced, or materially changed without providing the Village thirty (30) days advance notice, via certified mail.

The Bidder will provide written Proof of Endorsement, with the General Liability policy number on the endorsement.

- A. **Comprehensive General Liability** including Products Liability/Completed Operations insurance, in an amount not less than \$1,000,000/occurrence, \$2,000,000/policy limit, including Broad Form Contractual Liability insurance, in an amount not less than \$1,000,000/occurrence, \$2,000,000/policy limit, subject to the terms and conditions of the policy. A copy of the policy may be required.
- B. **Automobile Liability** insurance, in an amount not less than \$1,000,000 combined single limit. Said insurance is to be extended to cover hired and non-owned vehicles.
- C. **Umbrella or Excess Liability** coverage, the Contractor shall provide evidence of Umbrella or Excess Liability coverage of \$2,000,000.
- D. **Workers' Compensation** is to be provided as required by statute, by an insurance company licensed to write worker's compensation in the State of Illinois. Employer's Liability, in an amount not less than \$500,000 each accident, \$500,000 disease – policy limit, and \$500,000 disease – each employee.
- E. Insurance Rating – All insurance policies required by this contract shall be underwritten by insurance companies with a minimum A. M. Best rating of A:VII.
- F. A certificate of insurance is required as evidence of coverage, with the Village of Schaumburg named as an additional insured. The certificate will include an "Additional Insured Endorsement". The same full insurance coverage provided to the named insured, whether it is the contractor or a sub-contractor, shall be provided to the Village without any limitations or endorsements that might limit or exclude coverage. If insurance is canceled for any reason whatsoever the Village will be given not less than thirty (30) days prior written notice.

Any and all deductibles or other forms of retention are the responsibility of the Contractor. All deductibles or other forms of retention are subject to the approval of the Village. Contractor will disclose to the Village in writing the amounts of any deductible or self-insured retentions on the insurance required under this contract.

Contractor waives any right of subrogation it may have or later acquire against the Village.

The Bidder shall not commence work under this contract until they have obtained all insurance required under this section and such insurance has been approved by the Village, nor shall Bidder allow any subcontractor to commence work on their subcontract until the same insurance has been obtained by the subcontractor. The Bidder and their subcontractor(s) shall maintain all insurance required under paragraphs A through D of this Section for not less than one (1) year after completion of this contract.

Change Orders: After the contract award, changes in or additions to the work and/or a change in the amount of money to be paid to the Bidder must be the result of an approved change order first ordered by the Director of the lead department and approved by the Village Manager and/or the Village Board.

Public Act 094-0460 will require the successful contractor verify any change order request you receive from a subcontractor will not exceed 49% of your original subcontract amount. Any needed change order that will increase the subcontract by 50% or more will require your opening up that portion of the work to competitive bidding.

**VILLAGE OF SCHAUMBURG
INVITATION TO BID
FIRE DEPARTMENT PORTABLE AND MOBILE RADIO EQUIPMENT**

INTENT: The Village of Schaumburg (hereafter Village) is seeking firm pricing for the purchase and installation of portable and mobile radio equipment (hereinafter referred to as the “Project”).

SCOPE: The scope of the Project shall include all equipment, materials, labor, training, warranties and construction and/or installation services necessary to implement the contemplated project. The Village will seek sealed bids for the purchase and installation of:

Three (3) black case P25 compliant Dual band VHF/ 700/800 MHz portable radios, including Six (6) Batteries, Three (3) Multi Band Antennas, Three (3) Vehicular Chargers, Three (3) Desk Chargers, Three (3) Fire Speaker Remote Microphones, One (1) Single Band VHF Dual Remote Head Mobile Radio, One (1) Dual Band VHF/700/800 MHz Dash Mount Mobile Radio, Eight (8) Dual Band VHF/ 700/800 MHz Dash Mount with Single Remote Head Mobile Radios, Seven (7) Single Band 7/800 MHz Remote Mount Dual Control Heads Mobile Radios, Four (4) Single Band 7/800 MHz Dash Mount Mobile Radios, Five (5) Single Band VHF Dash Mount Mobile Radios, One (1) Single Band VHF Remote Mount Dual Control Heads Mobile Radio.

SPECIFIED MANUFACTURERS: The Village has standardized on *Kenwood* and *Motorola* equipment for interoperability with other equipment and Northwest Central Dispatch. Alternate manufacturers will not be acceptable.

DELIVERY & INSTALLATION: All radios will be shipped for programming to Northwest Central Dispatch at 1975 E. Davis St. Arlington Heights, IL 60005. Final installation will commence within 30 days of programming and be completed within 30 business days from start of installation. The installation will take place at Fire Station #54 at 1601 N. Roselle Rd., Schaumburg IL 60195. The Village will be responsible for transporting the programmed equipment from Northwest Central Dispatch to Fire Station #54.

SERVICE: Service for all radios must be from within a 45 mile radius from Fire Station #54 at 1601 N. Roselle Rd., Schaumburg, IL 60195.

WARRANTY: The purchase price shall include a five (5) year warranty on equipment and a one (1) year warranty on installation.

PRICING: Submittals shall include the total amount bid for the specified equipment, the installation cost for all equipment, and the TOTAL amount bid for the project. Delivery charges shall be included in the TOTAL bid price. No additional payment will be allowed for delivery.

QUESTIONS: All questions concerning this Invitation for Bid shall be forwarded in writing via email to jwilliams@schaumburg.com no less than five (5) business days prior to the scheduled

due date. No direct contact shall be made with the Fire Dept. during the open solicitation period. *No verbal questions will be addressed.*

DESCRIPTION: The radio products must meet the following general specifications to be fully compliant with this bid. Bidders must identify in their response any specifications to which they do not fully comply utilizing the *Detail Exception Sheet*.

EQUIPMENT

Dual Band VHF + 7/800MHz Portable Radio Specifications

1. Radio must be available in dual frequency bands (7-800 MHz, VHF) supporting P25 Trunking operation, as well as P25 Conventional and Analog Conventional.
2. Radio must support 9600 Baud Digital APCO P25 Phase 1 FDMA and Phase 2 TDMA Trunking.
3. Radio must be able to interoperate with SmartNet and SmartZone trunking systems.
4. Radio must support Digital APCO 25, Conventional, Analog MDC 1200, Quick Call II System Configurations Narrow and Wide Bandwidth Digital Receiver (6.25 kHz Equivalent/25/20/12.5 kHz).
5. Radio must be available in a configuration that supports at least 1000 Channels with at least 30 zones.
6. Voice Announcements - Radio shall be able to be programmed with customizable voice announcements to support enhanced channel/zone navigation and blind operation of the radio.
7. Standard built in GPS capability.
8. Integrated Bluetooth technology standard
9. Use of VHF/700/800 at minimum on dual band, VHF on single band
10. 10 hour standard battery life
11. MIL Spec 810G 511.4 / Explosive atmosphere, 810G 504.1/ Fluid contamination, IP-68 Immersion rated @ 2 meters for 4 hours.....standard for all. Must meet all other Mil- Spec standards
12. Operating temps of -22 to +140 F
13. Start to operations acquisition sensitivity Cold <35 sec/ Hot <1 sec
14. Internal chassis of I beam construction/ ruggedized
15. Battery must be LI Ion 3100 MAh compatible between models
16. Antennas will be a flexible helical 136-870 MHz style with screw on base
17. Emergency button, main body of portable and on top face of speaker mic
18. Active noise reduction built in to Speaker Mic
19. 5 year warranty

VHF Mobile Vehicle Radios

1. Full color front display screen
2. Multi – digital + FM analog operation
3. P25 phase 1 and 2, DMR or NXDN and FM for mixed operations
4. At least 1000 channel capacity, with multiple zoning
5. MDC 1200
6. Complies with ETSi and DMR tier II Conventional

7. 15-50 Watts (136-174 MHz)
8. -22 to + 144 F operating temp range min.
9. Ability to remote mount multiple heads from RF deck unit (s)
10. VHF- 50 to 5 Watt RF power output
11. Built in GPS receiver
12. 56 bit DES encryption, 256 bit AES encryption
13. Slot for micro SD/ SDHC memory card for increased voice& data
14. MIL Spec 810 C/D/E/F/G standard
15. IP 54, IP 55 dust and water standard
16. PTT ID ANI, caller display, group call, emergency status capable
17. Fleet sync capable
18. Active noise reduction microphone to suppress ambient noise
19. Emergency button located on main face of head unit
20. 5 year warranty

Dual Band VHF + 7/800MHz Mobile Radio Specifications

1. Radio must be available in dual frequency bands (7-800 MHz, VHF) supporting P25 Trunking operation, as well as P25 Conventional and Analog Conventional.
2. Radio must support 9600 Baud Digital APCO P25 Phase 1 FDMA and Phase 2 TDMA Trunking.
3. Radio must be able to interoperate with SmartNet and SmartZone trunking systems.
4. Radio must support Digital APCO 25, Conventional, Analog MDC 1200, Quick Call II System Configurations Narrow and Wide Bandwidth Digital Receiver (6.25 kHz Equivalent/25/20/12.5 kHz).
5. Radio must be available in a configuration that supports at least 1000 Channels with at least 30 zones.
6. Voice Announcements - Radio shall be able to be programmed with customizable voice announcements to support enhanced channel/zone navigation and blind operation of the radio.
7. Standard built in GPS capability.
8. Use of VHF/700/800 at minimum on dual band, VHF on single band
9. Radio must have a backlit color display
10. Radio must be available in a configuration that supports at least 1000 Channels with at least 30 zones.
11. MDC 1200 and GE-Star Signaling
12. Industry-standard encryption capabilities: AES multi key, DES, DES-OFB, ARC4
13. 15-50 Watts (136-174 MHz), 2 - 30Watts (700 MHz), 2 – 35Watts (800 MHz)
14. -22 to + 144 F operating temp range min
15. Ability to remote mount multiple heads from RF deck unit (s)
16. VHF- 50 to 5 Watt RF power output
17. IP 56 dust and water
18. Over the air rekeying (OTAR)
19. Over the internet programming (OTIP)
20. IP 54, IP 55 dust and water standard
21. PTT ID ANI, caller display, group call, emergency status capable
22. True voice noise cancellation

23. Blue tooth built in for hands free operation
24. Optional remote “Stun/Kill” anti-theft
25. Factory installed dual deck dual speaker remote
26. Emergency button located on main face of head unit
27. Perpetual Software licensing
28. Fleet Sync Capable
29. 5 year warranty

Single Band 7/800MHz Mobile Radio Specifications

1. Radio must be available in dual frequency bands (7-800 MHz, VHF) supporting P25 Trunking operation, as well as P25 Conventional and Analog Conventional.
2. Radio must support 9600 Baud Digital APCO P25 Phase 1 FDMA and Phase 2 TDMA Trunking.
3. Radio must be able to interoperate with SmartNet and SmartZone trunking systems.
4. Radio must support Digital APCO 25, Conventional, Analog MDC 1200, Quick Call II System Configurations Narrow and Wide Bandwidth Digital Receiver (6.25 kHz Equivalent/25/20/12.5 kHz).
5. Radio must be available in a configuration that supports at least 1000 Channels with at least 30 zones.
6. Voice Announcements - Radio shall be able to be programmed with customizable voice announcements to support enhanced channel/zone navigation and blind operation of the radio.
7. Standard built in GPS capability.
8. Use of VHF/700/800 at minimum on dual band, VHF on single band
9. Radio must have a backlit color display
10. Radio must be available in a configuration that supports at least 1000 Channels with at least 30 zones.
11. MDC 1200 and GE-Star Signaling
12. Industry-standard encryption capabilities: AES multi key, DES, DES-OFB, ARC4
13. 15-50 Watts (136-174 MHz), 2 - 30Watts (700 MHz), 2 – 35Watts (800 MHz)
14. -22 to + 144 F operating temp range min.
15. Ability to remote mount multiple heads from RF deck unit (s)
16. VHF- 50 to 5 Watt RF power output
17. IP 56 dust and water
18. Over the air rekeying (OTAR)
19. Over the internet programming (OTIP)
20. IP 54, IP 55 dust and water standard
21. PTT ID ANI, caller display, group call, emergency status capable
22. True voice noise cancellation
23. Blue tooth built in for hands free operation
24. Optional remote “Stun/Kill” anti-theft
25. Factory installed dual deck dual speaker remote
26. Emergency button located on main face of head unit
27. Perpetual Software licensing
28. Fleet Sync Capable
29. 5 year warranty

INSTALLATION / LABOR

Equipment to be installed in the following vehicles:

500 - Fire Chief Taurus

1 – Dual band dash mount mobile radio

1 – Dual band portable radio, install vehicle charger

Install customer supplied Havis console. Mobile radio to be installed in console. Portable radio charger will be mounted in or on the console for ease of reach. Any and all cables, antennas, mics, mounts and external speakers shall be included.

501 - Deputy Chief Ford Explorer

1 – Dual band Starcom/VHF dash mount mobile with a single remote head

1 – Dual band portable radio, install vehicle charger

These radios to be installed with dash mount radio installed in front existing console and remote head installed to rear area of vehicle for ease of use. Portable radio charger will be mounted in or on the console for ease of reach. Any and all cables, antennas, mics, mounts and external speakers shall be included.

502 - Deputy Chief Ford Explorer

1 – Dual band Starcom/VHF dash mount mobile with a single remote head

1 – Dual band portable radio, install vehicle charger

Install customer supplied Havis console. These radios to be installed with dash mount radio installed in front console and remote head installed to rear area of vehicle for ease of use. Portable radio charger will be mounted in or on the console for ease of reach. Any and all cables, antennas, mics, mounts and external speakers shall be included.

Admin. Buggy – Ford Crown Victoria

1 – Dual band Starcom/VHF dash mount mobile with a single remote head

These radios to be installed with dash mount radio installed in front console and remote head given to customer for a future Ford Explorer that is coming in 2020. Any and all cables, antennas, mics, mounts and external speakers shall be included.

(5) Freightliner Ambulances – Below specs are for each vehicle

1 – Dual band Starcom/VHF dash mount mobile with a single remote head

These radios to be installed with dash mount radio installed in front console and remote head installed to rear patient compartment area of ambulance for ease of use. Any and all cables, antennas, mics, mounts and external speakers shall be included.

Engine 51 and Squad 55 (2) Pierce Fire Engines – Below specs are for each vehicle

1-Single band Starcom dual head remote mount radio

1-VHF dash mount radio

This mobile radio shall include full installation of a dual head remote mount radio, and a dash mount VHF Radio. Remote radio heads to be placed in front right area of crew cab and into left (driver) side rear jump seat area of fire engines. Any and all cables, antennas, mics, mounts and external speakers shall be included.

Reserve Engine – E-One Fire Engine

1-Single band Starcom dual head remote mount radio

1-VHF dash mount radio

This mobile radio shall include full installation of a dual head remote mount radio, and a dash mount VHF Radio. Remote radio heads to be placed in front right area of crew cab and into left (driver) side rear jump seat area of fire engines. Any and all cables, antennas, mics, mounts and external speakers shall be included.

Squad 55A – Rosenbauer Fire Engine

1-Single band Starcom dash mount radio

This mobile radio shall include full installation of a dash mount radio. Any and all cables, antennas, mics, mounts and external speakers shall be included.

Engines 52, 53, 54 – (3) Pierce Fire Engines – Below specs are for each vehicle

1-Single band Starcom dual head remote mount radio

This mobile radio shall include full installation of a dual head remote mount radio. Remote radio heads to be placed in front right area of crew cab and into left (driver) side rear jump seat area of fire engines. Any and all cables, antennas, mics, mounts and external speakers shall be included.

Truck 52 – Pierce Fire Truck

1-Single band Starcom dash mount radio with additional speaker

This mobile radio shall include full installation of a dash mount radio and installing a remote speaker in the center jump seat area. Any and all cables, antennas, mics, mounts and external speakers shall be included.

Truck 53 and Reserve Truck – 1 Pierce Fire Truck and 1 E-One Fire Truck – Below specs are for each vehicle

1-Single band Starcom dash mount radio with additional speaker

1-VHF dash mount radio

This mobile radio shall include full installation of a dash mount radio and installing a remote speaker in the center jump seat area. Install a dash mount VHF radio in front cab. Any and all cables, antennas, mics, mounts and external speakers shall be included.

Reserve Battalion 5 – 2019 Chevy Tahoe

1-Single band Starcom remote mount radio with dual heads

1-VHF remote mount radio with dual heads

This mobile radio shall include full installation of a dual head remote mount radio, and a remote mount VHF Radio. Remote radio heads to be placed in front area of cab and into rear area of vehicle. Any and all cables, antennas, mics, mounts and external speakers shall be included.

No wiring shall be exposed. If wiring is to be seen from control heads, it must be a minimum amount required.

BID SHEET

Note: the Bidder must complete all portions of the Bid Sheet.

The undersigned, having examined the specifications and all conditions affecting the specified project, offer to furnish all services, labor, and incidentals specified for the price below.

The undersigned Bidder certifies that they are not barred from bidding on this contract as a result of a conviction for the violation of state laws prohibiting bid rigging or bid rotating, (720ILCS 5/33E-1, et seq.) and is not delinquent in any taxes to the Illinois Department of Revenue. (65ILCS 5/11-42.1-1).

It is understood that the Village reserves the right to reject any and all bids and to waive any irregularities and that the prices contained herein will remain valid for a period of not less than sixty (60) days.

I (We) propose to complete the following project as more fully described in the specifications for the following:

Bidding Company Name: _____

PORTABLE & MOBILE RADIO EQUIPMENT		
Total cost of equipment, as specified	\$	
Total cost of installation & labor, as specified	\$	
TOTAL PROJECT COST	\$	
Service for all radios is located within a 45 mile radius from Fire Station #54 at 1601 N. Roselle Rd., Schaumburg, IL 60195.	YES	NO

If it is the Contractor's intention to utilize a subcontractor(s) to fulfill the requirements of this contract, the Village must be advised of the subcontractor's company name, address, telephone and fax numbers, and a contact person's name at the time of bid submittal.		
Will you be utilizing a subcontractor?	YES	NO
If yes, have you included all required information with your bid submittal?	YES	NO

INDEMNIFICATION: The Bidder shall, without regard to the availability or unavailability of any insurance either of the Village or the Bidder, indemnify and save harmless, the Village, its officials, and its employees, against any and all damages, liabilities, losses, and expenses, including reasonable attorneys' fees and administrative expenses recoverable under applicable law, to the extent arising, out of or caused by, the Bidder's negligent or wrongful acts or omissions in the performance of, or failure to perform, the Services or any part thereof, except to the extent caused by the negligence of the Village.

I hereby certify that the item(s) proposed is/are in accordance with the specifications as noted and that the prices quoted are not subject to change; and that

_____ (Company Name) is not barred by law from submitting a bid to the Village for the project contemplated herein because of a conviction for prior violations of either Illinois Compiled Statutes, 720 ILCS 5/33E-3 (Bid Rigging) or 720 ILCS 5/33-4 (Bid Rotating); and that

_____ (Company Name) is not delinquent in payment of any taxes to the Illinois Department of Revenue in accordance with 65 ILCS 5/11-42.1; and that

_____ (Company Name) provides a drug free workplace pursuant 30 ILCS 580/1, et seq.; and that

_____ (Company Name) certifies they have a substance-abuse program and provide drug testing in accordance with 820 ILCS 265/1 et. seq., Public Act 095-0635: and that

_____ (Company Name) is in compliance with the Illinois Human Rights Act 775 ILCS 5/1.101, et seq. including establishment and maintenance of sexual harassment policies and program.

Bidder's Firm Name

Signed Name and Title

Street Address

Print Name and Title

City State Zip Code

E-mail Address

Phone Number

Fax Number

Date

DETAIL EXCEPTION SHEET

EXCEPTIONS: Any exception must be clearly noted on the *Detail Exceptions Sheet(s)*. Failure to do so may be reason for rejection of the bid. It is not our intention to prohibit any potential bidder from bidding by virtue of the specifications, but to describe the material(s) and service(s) actually required. The Village reserves the right to accept or reject any or all exceptions.

DETAIL EXCEPTIONS SHEET MUST BE ENCLOSED WITH BID SHEET.

Bidder's exceptions are:
