

**Union County Sheriff's Office
Union/Alexander County 9-1-1**

309 West Market Street
Room 016
Jonesboro, IL 62952

Invitation to Bid – Request for Proposals

Digital VHF Radio System

Solicitation Date: June 10, 2019

Bid Proposal

Dispatch/Equipment Room Viewing: June 18, 2019 9:00am-3:00pm (call to schedule appointment)

Submission Deadline: July 12, 2019 @ 4:00pm

Bid Opening: July 15, 2019 @ 10:00am

The Union County Sheriff's Office and Union Alexander County 9-1-1, a body corporate and politic (the "Authority"), is soliciting bid proposals to purchase a Digital VHF Radio System to include Repeater Equipment, Digital Base Station Equipment, Mobile and Portable Radios, Replacement Parts for Existing Dispatch Console, Radios and Analog Mobile Radios pursuant to specifications in this solicitation.

Bidders are invited to submit bid proposals to the Authority by the Bid Proposal submission deadline.

This Bid solicitation contains, and is subject to the terms and conditions of, the Invitation to Bid, Instructions to Bidders (General Terms & Conditions), any Supplemental Conditions, Plans and Specifications and Bid Form.

The award of the Contract pursuant to this solicitation will be made to the responsive and responsible Bidder with the lowest bid price. *The Authority reserves the right to waive any technicalities in the Bid proposals, accept or reject any Bid proposal, award a Contract in the best interest of the County, or revoke any solicitation.*

Bid Proposal Summary: The Authority is soliciting proposals from qualified professional vendors to design a Digital Radio System for Union County Sheriff and 9-1-1 and purchase a Digital VHF Radio System to include Repeater Equipment, Digital Base Station Equipment, and Digital Portable Radios Digital Mobile Radios & Installation Labor where applicable. The Authority requests TWO (2) bids: 1st bid- to build the Digital Radio System in phases (i.e. (2) Repeater Locations) 2nd bid- to build the remainder of the Digital Radio System (i.e. additional repeater sites for optimal County coverage).

Form of Bid:

Sealed Bids shall be submitted on the forms provided in accordance with instructions given in the Bid Specifications. Any deviation from the Bid Specifications must be in writing and attached as part of the Bid submitted. The Bidder shall indicate the item or part that deviates from the Bid Specification(s) and indicate how the Bid will deviate from said Specifications.

Interpretations/Questions:

No interpretation on the meaning of the Plans, Specifications or other Contract Documents will be made to any Bidder orally. Every request for such interpretation must be in writing in a Microsoft Word attachment with the subject noted as Union County Illinois Digital Radio System and addressed to the Union County Sheriff or 9-1-1 Director, 309 West Market St, Room 016, Jonesboro IL 62952 or via email at sharvel@unioncountyil.gov and/or cgurley@unioncountyil.gov Questions about this solicitation, must be emailed and/or received by the Authority no later than seven (7) days prior to Bid Opening.

INSTRUCTIONS TO BIDDERS

Compliance with Instructions to Bidders

These Instructions to Bidders contain terms and conditions that will govern the preparation and submission of a Bid proposal and any contract awarded pursuant to this solicitation. Bidders must comply with each and every requirement of these Instructions to Bidders. Any failure to comply with any requirement may result in the determination of a non-responsive bid proposal and/or the rejection of the Bid proposal.

Priority of Terms and Conditions

The terms and conditions in these Instructions to Bidders *supersede* any and all inconsistent or conflicting terms and conditions in any other provision of any other document in this solicitation or in the Bid proposal and govern this solicitation, the Bid proposal, and any contract awarded pursuant to this solicitation.

Offer to Contract

Bid proposals constitute an offer to contract with the Union County Sheriff's Office and Union Alexander County 9-1-1 (the "Authority") on the terms and conditions contained in the solicitation, the laws of the State of Illinois, and applicable federal and local law, all of which are incorporated into this solicitation and any contract awarded pursuant to this solicitation by this reference.

Comprehensive Review and Inspection

The Bidder is responsible for carefully reviewing all of the requirements of this solicitation, inspecting the project location, including checking and/or verifying measurements, site conditions, any limitations, and other details, prior to preparing and submitting its Bid proposal. Failure to submit a complete Bid proposal may result in rejection of the Bid proposal. Claims for additional costs or time resulting from the bidder's failure to inspect and/or verify will not be considered.

Addenda

Upon request, responses to questions from Bidders, interpretations of plans and specifications, changes prior to the Bid proposal submission deadline, approvals of any substitutions, and supplemental instructions and terms will be available to all bidders. No addenda will be issued within the 5-day period preceding the Bid proposal submission deadline except for an addendum withdrawing the solicitation or extending the bid proposal submission deadline.

Costs

The Bidder is responsible for all costs and expenses to develop and submit a Bid proposal in response to this solicitation.

Preparation of Bid Proposal

Bid Proposals must be made on the Bid Form included in the solicitation and in accordance with the instructions in this solicitation. All applicable blanks must be completed in a legible manner, printed electronically, typed, or handwritten in ink, and amounts must be expressed in both words and figures. In the event of any contradictory terms, handwritten terms prevail over printed or typed terms, and words prevail over figures. Signatures must be in ink. No additional provisions, conditions, or limitations may be made by the Bidder, and any erasures and/or corrections must be initialed in ink by the person signing on behalf of the bidder.

Submission of Bid Proposal

Each Bid Proposal must include a complete package, with the signed Bidder Certification, signed Bid Form, Bid Surety, IRS Form W-9 and a typed summary on business letterhead explaining the Bidders Digital Radio Network Design including Phase 1: (2) Repeater Site system capable of expanding to Phase 2: (3) Repeater Sites, in order to obtain optimal Radio coverage.

Bid proposals that are not received by the Authority by the bid proposal submission deadline for whatever reason will be deemed late and will not be considered. Postmarks will not be considered proof of timely submission. At the Bid proposal submission deadline, Bid proposals will be opened and read aloud in public.

Bid Price

The Bidder must submit a Base Bid Price on the Bid Price Form to provide all of the specification requirements specified in the solicitation, including any allowances and addenda.

Public Copy

Bid proposals submitted in response to this solicitation are public records. Each bid proposal must include a duplicate original "public copy" to be available for public inspection upon the opening of bids. Bidders may redact in the public copy any trade secrets or commercial or financial information which is of a privileged or confidential nature.

Responsibility of Bidder

The Authority may make a reasonable inquiry to determine a Bidder's capability in all respects to perform fully the contract requirements, including without limitation, the financial strength and responsibility, integrity, and reliability of the Bidder. The failure of a Bidder to provide information promptly in response to an inquiry, including without limitation, financial statements and business references, may result in a determination of the Bidder's non-responsibility.

Performance Guarantee:

Union County Sheriff's Office and Union/Alexander County 9-1-1 must be satisfied with the system performance before full payment is given to vendor. If system does not function properly and vendor cannot get the system to function properly, existing system will be removed at no cost to Union County Sheriff's Office or Union/Alexander County 9-1-1 and any and all payments refunded to Union County Sheriff's Office and Union/Alexander County 9-1-1.

Taxes

The Authority is exempt from federal excise taxes and state and municipal taxes.

Indemnification

The successful Bidder will indemnify and hold the Authority, its members, officers, employees, agents, successors and assigns, harmless from and against any and all claims, demands, actions, causes of action, damages, losses, judgments, recoveries, liabilities, costs and expenses (including without limitation, attorneys' fees and costs), or any kind, that the Authority, its members, officers, employees, agents, successors and assigns may incur arising out of this solicitation, any contract awarded pursuant to this solicitation, and/or the act or omission of the bidder, its subcontractors, or their employees and agents.

Withdrawal

A Bidder may withdraw its bid proposal at any time prior to the Bid proposal submission deadline. Bid proposals are irrevocable for a period of 60 days following the Bid proposal submission deadline.

Reservation of Rights

The Authority reserves the right, at any time, for any reason, in its sole discretion, to: (i) revoke, suspend, or terminate this solicitation; (ii) accept or reject any and all bid proposals, in whole or in part; (iii) waive any technical defects, irregularities, or omissions in any bid proposals; and/or (iv) terminate any contract awarded pursuant to this solicitation, with or without cause.

Award

The Authority, in its sole discretion, will award the contract pursuant to this solicitation to the responsive and responsible Bidder who submits the lowest responsive and responsible Bid proposal. The Authority may determine, in its sole discretion, the low Bid proposal on the basis of the amount of the Base Bid Price in accordance with the Bid Form and Specifications. The successful Bidder will receive a Notice of Intent to Award from the Authority with instructions that may require the Bidder to submit further documentation. The issuance of the Notice to Proceed and the continuation of any contract awarded pursuant to this solicitation are contingent upon the availability of funds.

Bid Specifications:

The following are the equipment, labor, and requirements for the Digital VHF Radio System requested to bid (vendor is responsible for the network design and necessary equipment to implement a County Wide Digital Radio System)

FCC Licensing

Modification of current FCC licensing for Union County Sheriff's Frequency and Union County 9-1-1 Frequency to include preparation/coordination/acquisition/filing of new VHF Repeater Frequency Pair for each communication location.

Repeater Equipment:

(3) Repeaters to include: Analog or Digital operation, Supports Two Simultaneous Voice Paths in Digital Mode (1- for Sheriff's Frequency and 1 - for 9-1-1 Frequency), 100% Continuous Duty, 7/8' or larger transmission cable, capable of passing basic and advanced encryption, infrastructure to link repeater sites together for expanded coverage.

The existing analog infrastructure will remain in place as a way for other public safety departments, that do not have the Digital Radio Equipment, to talk directly to Dispatch and officers. **MUST WORK SIDE BY SIDE WITH DIGITAL SYSTEM WITHOUT INTERFERENCE ON EITHER SYSTEM.**

Potential Repeater Locations:

Current Analog Repeater Site:

1540 Skyline Drive, Cobden IL. 62920

Current Analog Link Locations:

Dongola Fire Department 310 US 51 N., Dongola IL. 62926

Ware-Wolf Lake Fire Department 4960 State Rt 3 N., Wolf Lake IL. 62998

Potential Additional Repeater Location:

Union County Hospital 517 N. Main St, Anna IL 62906

Dispatch Location:

Union County Sheriff's Office 309 W. Market St., Jonesboro IL. 62952

Interconnect to current Zetron communications Console, VHF Digital Control Station includes: Private Calling, Radio Enable/Disable, Radio Check, Power Supply Housing and Cable. Any necessary additional equipment for Zetron Console must be included in price, if needed in dispatch for proper use of Digital and Analog system together.

Digital/Analog Portable Radios

Quantity Description

18 Digital/Analog VHF Portable Radio includes: LCD Display to Display Contact Information, Minimum of 32 Channels, Private Calling, Radio Enable/Disable, Radio Check, Roaming, Submersible Portable Radio and Microphone, Man Down Feature, Individual Chargers, Antenna, Belt Clip Leather Cases with Disconnect, Tactical Ear Pieces,

Digital/Analog Mobile Radios

Quantity Description

18 Digital/Analog VHF Mobile Radio: LCD Display to Display Contact Information, Minimum of 32 Channels or more, Use existing Antennas and Coax.

*****MUST INTERFACE EXISTING VEHICLE REPEATERS WITH NEW ANALOG/DIGITAL MOBILES TO KEEP EXISTING ANALOG SYSTEM PERFORMANCE THE SAME.*****

Required Warranty and Maintenance:

All system equipment must have a warranty of three years or more. If the equipment breaks or fails, the radio vendor must have a free "loaner" service that allows our officers to have a radio while our radio is being repaired. The radio vendor must have free "loaner" service for all infrastructure, if the repeater and link systems break or fail, the loaner service will allow the emergency digital system to operate until our infrastructure is repaired. The radio vendor must be able to repair and service all equipment provided. **During warranty period the radio vendor must provide service twenty four hours a day and three hundred sixty five days a year with thirty minutes to respond and arrive at no additional cost. Vendor will continue to provide the same services (i.e. free loaner services and 24 X 7 - 365) when warranty period has expired. Vendor will use the same per technician hourly rate on Days / Nights / Weekends or Holidays.**

Installation & Labor

Vendor is responsible for installation, integration, programming, testing and documentation of VHF Digital Radio System in it's entirety.

Note: The Union County Sheriff and 9-1-1 may request that installation and labor be performed during regular business hours as needed.

Bid Price Proposal Form

Phase 1 (2) Repeater Sites

Union County Sheriff/9-1-1– Digital VHF Radio System

We the undersigned propose to provide Union County a Digital VHF Radio System based on the aforementioned Bid Specifications for the following price quotes as stated below:

Please Note: This contract will be awarded based on the Total Price in whole and not in parts. Union County reserves the right however, to reject certain parts/sections.

FCC Licensing:	Lump Sum Price \$ _____
Repeater Equipment:	Lump Sum Price \$ _____
Digital Base Station Equipment:	Lump Sum Price \$ _____
Digital Portable Radios:	Lump Sum Price \$ _____
Digital Mobile Radios:	Lump Sum Price \$ _____
Installation & Labor:	Lump Sum Price \$ _____

Total Price for Phase 1 Digital Radio System: Lump Sum Price \$ _____

Bid Price Proposal Form

Phase 2 Additional Repeater Sites

Union County Sheriff/9-1-1– Digital VHF Radio System

FCC Licensing:	Lump Sum Price \$ _____
Repeater Equipment:	Lump Sum Price \$ _____
Digital Base Station Equipment:	Lump Sum Price \$ _____
Digital Portable Radios:	Lump Sum Price \$ _____
Digital Mobile Radios:	Lump Sum Price \$ _____
Installation & Labor:	Lump Sum Price \$ _____

Total Price for Phase 2 Digital Radio System: Lump Sum Price \$ _____

Company Name

Street, City, State, Zip

Telephone and Email

1. Acceptance

It is acknowledged that this Submitted Bid shall be opened and accepted and is irrevocable for sixty (60) days from the Bid closing date.

The Bidder understands that the Union County Sheriff and Union Alexander County 9-1-1 reserves the right to reject any or all Bids and to waive any informalities to the bidding.

Once the successful Bidder is approved by the Union County Sheriff and 9-1-1 within the attached Bid Specifications, Union County shall execute a Contract Award within ten (30) days.

2. BID FORM SIGNATURE(S)

The undersigned hereby acknowledges and accepts the Acceptance section 1 above and affirms the Bid Prices submitted in the Bid Price Proposal Form:

Authorized Bidder's Name - (Printed) _____

Authorized Signature(s): _____

Title: _____ Date: _____

END OF SECTION