



Request for Proposal  
Two Way Secure Outdoor Siren Warning Activation and Management system

Buffalo County is requesting sealed proposals for a Two Way Secure Outdoor Siren Warning Activation and Management system to be used within Buffalo County Nebraska. The specifications are below.

Scope of RFP

Buffalo County Nebraska is requesting proposals for the replacement and upgrade of its All hazard siren controlling system. The system is to be upgraded to allow secure activation and status reporting of existing sirens. This upgrade shall not use DTMF or Two-Tone signaling communication. Vendor proposals shall include all equipment and labor to upgrade each site and provide the ability to activate/deactivate at multiple (8) dispatch workstations locations at (3) sites locations in Kearney NE. Receive siren status reports at the primary dispatch center and the emergency operation center located at separate locations in Kearney NE.

Buffalo county currently has 45 active sirens, 3 are currently wireline controlled, 42 are controlled with a single radio control system. All radio control systems at siren sites are DTMF, or two tone with a PL tone signaling. Each of the control systems is either a CD and F or Federal Signal receive only controller, none of which are battery backup. All incorporated communities within Buffalo County with the exception of Kearney have two separate alert tones, one for an all hazards warning and one for Fire/EMS call. Fire/EMS calls shall have the ability to also be set off using the Motorola MCC7500E radio console.

Communities and siren numbers

Kearney 25 (Projected future expansion in the next year 3)

Amherst 1

Elm Creek 3

Gibbon 3

Miller 1

Odessa 1

Pleasanton 2

Ravenna 4 (3 wireline controlled)

Riverdale 1

Shelton 3

Glenwood Estates 1

Specific siren locations can be provided at a later date.

#### Intent to Submit Proposal

All invited proposals are required to submit a "Notice of Intent" no later than March 15<sup>th</sup>, 2022, informing Buffalo County of their intent to submit a proposal. Such notification can be made in email to [em@buffalocounty.ne.gov](mailto:em@buffalocounty.ne.gov). "Notice of Intent" shall include, Company Name, Mailing Address, Contact Name, Contact Phone Number, and Contact Email address.

A mandatory pre-proposal meeting will be held, Tuesday March 22<sup>nd</sup>. Meeting will be held remotely and in person at the City of Kearney / Buffalo County Emergency Operations Center (EOC), 1512 Central Ave, Kearney, NE. Meeting details will be sent to those submitting "Letters of Intent". Question and answer will be held 10:00 AM CST through 11:00 CST, both in person and remotely. For those attending in person, a tour of the PSAP and Emergency Operations Center will be conducted from 11:00 AM CST until 12:00 PM CST. Tours will not be conducted remotely.

Sealed proposals to include two (2) hard copy proposals AND one (1) electronic (thumb drive) version are due at the Buffalo County Clerk's office no later than 09:00 am April 12<sup>th</sup> 2022.

Mailing address;

Buffalo County Clerk

ATTN: Outdoor Siren Proposal

1512 Central Avenue

PO Box 1270

Kearney, NE 68848

#### Specifications:

VHF Frequency Band base stations x2

Transmit and Receive capability two-way communications

Secure

Easy to use GUI interface for location and status of sirens

Control console with Web interface preferred

Accessible from multiple locations (communications centers 3) and Emergency Operation Centers) at a minimum.

Minimum Report back capabilities; Power detection and Activation status of each siren location.

Additional capabilities are acceptable such as but not limited to rotation, intrusion alert, last function, ETC not all siren rotate.

System must be capable of sounding and turn off sirens in individual communities as well as multiple geographic zones.

System must be able to control separate siren signaling for all hazard warning sirens and Fire/EMS siren signaling.

Vendor will provide all needed equipment at siren sites, communications centers and radio towers.

Must be able to be expandable for new and additional future sirens.

No monthly or annual recurring costs. Exception would be a maintenance agreement.

#### Minimum Requirements

All proposals must meet the following minimum requirements. These requirements are not intended to be restrictive or favor one vendor over another.

1. All vendors must be registered with SAM at Sam.gov and be in good standing with the Federal grant contract standards.
2. Local (within the State of Nebraska) subcontracting is allowable but must be included in the proposal and meet the same federal grant requirements for bid as the contractor.
3. All equipment must comply with all applicable government regulatory specifications, particularly FEMA and OSHA.
4. All equipment shall be new.
5. Current Public Safety radio system is Motorola, all radio equipment bid must meet the same public safety standards and quality of current public safety radio equipment.
6. Warning siren control equipment model proposed must be specifically listed by Underwriter's Laboratories, no exceptions will be allowed. Evidence of UL Listing shall be provided with the proposal.
7. To ensure quality and reliability, the siren manufacturer must be ISO 9001 :2015 Certified, no exceptions. Evidence of certification must be supplied with proposal.
8. All proposed solutions will include all transceivers/controllers at the siren sites and control consoles at dispatch centers. The system may utilize the existing VHF MTR2000 base stations and repeaters in use by the county.
9. All siren controls must be able to report the status of the sirens back to central control systems. At a minimum this status must include AC Power detection and activation status, additional information could be but not limited to intrusion alert, rotation of siren, last function performed ETC. They must automatically report loss of power for more than 10 minutes.
10. A detailed description of the interface at dispatch centers must be included.
11. An optional cost for integration with the National Weather Service to allow automatic activation of the system based on threat polygons may be included.
12. All Vendors must supply a 1-1 proposal to replace each siren control with a new control.
13. All vendors must supply a list of at least 5 customers who have a similar system provided by the vendor. The list must include contact information.
14. System must be fully installed within 6 months of award of contract.
15. Performance and Payment Bonds.
  - a. The Vendor shall not commence work on any contract or agreement resulting from this RFP until it has obtained and submitted both a Performance Bond and a Labor and Material Payment Bond or a combined Performance and Payment Bond in favor of the County/City and such bond(s) have been approved by the County/City.
  - b. Such bond(s) shall cover such performance, labor, and materials used in the work whether by the Vendor or by any subcontractor. Said bond(s) shall remain in full force

and effect for the duration of the contract or agreement. The Performance bond shall be conditioned on the full and faithful performance of the purchase order according to its terms and shall be in an amount equal to One Hundred Percent (100%) of the purchase order.

16. Warranty – All proposals must include a 2-year warranty which will include on-site labor and a 96-hour response time. The county requests costs to extend this year to year for up to three additional years.
17. Service Provider – Include contact information and 2 references for the local service provider that will handle all warranty issues. Include the current hourly rate for on-site services for non-warranty issues.
18. The Vendor will provide an Implementation plan for the project and the continuity of operation of the sirens during project upgrade implementation.
19. The vendor will provide a timeline to have county wide project completed within a 6-month time frame.
20. Any exceptions to the minimum specifications by the vendor shall be clearly documented as such.