

## SECURITY RFP FOR MADISON COUNTY

Madison County is seeking to upgrade our current panic button security system, as well as potentially add more buildings and offices. We currently have seven (7) county buildings. All have internet access and can connect to our LAN either via the WAN or VPN. Site details below:

**Courthouse: 112 N. John Wayne Dr, Winterset, IA**

- 3 floors plus basement.
- Masonry walls – historic building built in 1876, on National Register
- Has elevator

**Annex: 201 W. Court Ave, Winterset, IA**

- 1 floor plus 2 basement offices and a conference room
- Has elevator

**Public Health: 209 E. Madison St, Winterset, IA**

- 1 floor

**Secondary Roads: 1105 E. Court Ave, Winterset IA**

- 1 floor, 2 buildings

**EMS: 209 Wambold Dr, Winterset, IA**

- 1 floor

**Sheriff: 1012 N. John Wayne Dr, Winterset IA**

- 1 floor
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### SCOPE OF WORK

**Technical Requirements:**

- Instant notification by broadcasting audio messages over a radio network when a sensor is triggered
- Able to transmit pre-recorded audio messages over speakers, PA systems or phone systems
- Able to transmit partitionable alarms over up to four different radio networks
- Able to provide the following number of panic buttons in the buildings below:
  - Courthouse building: 26
  - Annex building: 12
  - Public Health building: 8
  - Secondary Roads: 8 (total for 2 buildings)
  - EMS: 2
  - Sheriff: 2
- Able to customize panic buttons as icons on the desktop within a LAN/WAN, for a minimum of seventy (70) laptops, with potential to add on additional laptops
- Compatible with 700 MHz TDMA P25 compliant radios
- Able to send email and text messages when it is connected to a computer network
- Able to send telephone messages when it is connected to a telephone network
- Virtual panic buttons can be triggered by either: a) clicking on a desktop computer icon or b) pressing a hot key (keyboard designation)
- Remote Receivers shall connect to the system via a LAN/WAN to add the wireless buttons and other sensors from remote county buildings
- Remote Relays shall connect to the system via a LAN/WAN to close a contact and switch devices in remote county buildings
- Alarm logs shall be displayed on the control panel in real-time
- Supervisory alarms (battery low, no check-in, tamper alarm, system disarmed, power lost, etc.) shall be viewed on the control panel

- When connected to the LAN/WAN, the system can be viewed remotely through a web browser from any PC within the same LAN/WAN
- When connected to the LAN/WAN, an authorized user (with the configuration password) can configure the system remotely through a web browser from any PC within the same network
- Able to be integrated with other security and building automation system both through input or output relays and a serial data connection
- Able to broadcast a start-up or shut-down message when it is armed or disarmed
- Able to permit end users to view alarms and supervisory alerts over a web interface

**Operational Requirements:**

- Control panel shall have a menu in a plain English, preferably a touch-screen display that enables end user programming of conditions within the system
- Control panel shall have a non-volatile memory and retain an alarm history for the last 500 events
- Able to provide a printable alarm history and supervisory alarm reports by downloading them onto a flash drive, the web interface or sent by the system via emailed
- All wireless sensors shall be supervised by the control panel, with supervisory messages displayed on the control panel and may be transmitted by radio, email, text message and/or phone
- Compatible with a variety of sensors including universal transmitters
- The range from the standard wireless sensors to the control panel shall be a minimum of 2,500 feet (based on county's radio network)
- Repeaters able to extend the range of wireless sensors without diminishing signal quality by a minimum radius of 2,500 feet from each repeater (based on county's radio network)
- Able to be configured with a minimum of 5,000 zones, with each zone programmed with a unique message. The system shall also be able to be upgraded to add more zones in future
- Able to support multiple sensors (alarm points) in each zone. Additional sensors may be added to any zone at any time
- Able to have each zone scheduled to be activated only during specified hours
- The control panel shall have a total available recording time for alarm messages of at least 30 minutes
- Authorized end users (with admin passwords) may record alarm messages on the control panel or upload wav files onto the system through the web interface
- Able to be configured to produce a customizable alert tone before each message is broadcast
- Able to be configured to repeat messages between two and ninety-nine times, with the ability to specify delays between each repetition
- Able to configure alarms to require an acknowledgement, and if not acknowledged, the alarm message will be re-broadcast after a specified period and may be escalated to additional outputs
- Able to wait for a clear channel on the end user's radio network before broadcasting an alarm
- A configurable radio-flooding-prevention feature to prevent first responders' radio from being tied up during an emergency. (This suppresses radio messages from being broadcast when multiple sensors have been triggered around the same time)

**Physical Requirements:**

- Control Panel:
  - Must have the following mounting options: wall, shelf/rack, and desk
  - Must have a key lock to prevent unauthorized access
  - Must be password protected
- Repeater:
  - Must have the following mounting options: wall, shelf/rack, and desk
  - Must be able to be secured, with a key if possible

**Environmental Requirements – minimum operating temperature:**

- Control Panel: 32° to 140°F
- Repeater: -4° to 140°F up to 90% relative humidity (non-condensing)

- Wireless Panic Button: 32° to 140°F up to 90% relative humidity (non-condensing)

**Electrical Requirements:**

- Both the control panel and repeaters must be able to be plugged into an electrical socket
- Both the control panel and repeaters shall have integrated battery backups to power them for approximately 24 hours, with a minimum battery life of 3 years
- Wireless Panic Button batteries should have a minimum life of 3 years

**Warranty Requirements:**

- Minimum of a two year manufacturer's warranty which includes all parts and labor

**Miscellaneous Requirements:**

- All equipment and materials used in the system shall be standard components that are regularly manufactured and used in the manufacturer's systems, other than the end user's radio if is incorporated into the system. Please provide company of origin for each component of installation, as well as provide all information on companies subcontracted to perform the work, if any.
- All systems and components shall have been thoroughly tested and proven in actual use, other than the end users' radios if is to be incorporated into the system. Please provide testing data.
- The manufacturer shall provide a technical support helpline during ordinary business hours for all its systems and components. Technical support shall be provided to admins and end users at no charge

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**CONTRACTOR GENERAL EXPECTANCIES AND RESPONSIBILITIES**

The selected consultant will work under both the direction of our IT director and Buildings and Grounds Manager.

The RFP does not obligate Madison County to a contract to any firm, nor pay any cost incurred in the preparation of proposals submitted in response to this request. Madison County reserves the right to accept or reject any or all proposals received as a result of this request, as well as change the county's projected timetable below. If selected, the awarded bidder will receive the official purchase order no later than June 30<sup>th</sup> 2023. All information and material submitted in this request will become the property of Madison County.

Please include the following in your proposal:

1. Official name and principal officers of your firm
2. Location of your firm with telephone, email addresses and fax numbers
3. Provide information on who will be part of this installation, including all subcontractors, if any.
4. List all services in addition to those listed that you believe would be required for each component of the project
5. Elaborate on your firm's expertise in each area of service to be provided
6. Provide a demonstration as to how the system will work.
7. Listing of similar contracts your company has had with other counties or state agencies with names of representatives whom the County may contact relative to qualifications of your firm to perform this type of work
8. Furnish a narrative stating why the Madison County should consider your company the best qualified for the performance of this work
9. Detailed bid that outlines all work necessary to complete the installation and set-up of the system any a la carte options (additional equipment, hourly rate, upgrades, etc.)
10. Project timetable for initiating and completing work.

Five hard copies and one electronic copy of the proposal shall be submitted to the Primary Contact listed below. The submittal shall be limited to forty (40) pages of material. Upon receipt of the proposals, the Board of Supervisors, will select a short list of consultants with whom to begin the final selection. If interviews or presentations are necessary, consultants will be notified of the time they are to be held. Selecting a company to perform the prescribed work will be determined at a board of Supervisors meeting. Following that, a mutually agreeable contract with the company considered best qualified will be negotiated. This contract will be subject to approval by the Board of Supervisors after review by the County Attorney.

For your company to be considered, all final proposal information must be submitted to the office of the primary contact no later than the due date shown below. Proposals received after this deadline will not be considered. Any

consultant desiring an explanation or interpretation of this RFP must request it in writing. For documentation reasons, these requests must be sent as an email to [cosupervisors@madisoncounty.iowa.gov](mailto:cosupervisors@madisoncounty.iowa.gov) if they are to be acknowledged. We will then respond to all interested consultants via email. Thank you for your consideration of this project.

**Madison County Primary Contact:**

Supervisor Heather Stancil

112 North John Wayne Drive

Winterset, Iowa 50273

Contact email: [hstancil@madisoncounty.iowa.gov](mailto:hstancil@madisoncounty.iowa.gov)

515-991-6905

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**PROJECTED TIMETABLE:**

RFP posted and sent to potential Consultants.....	12/14/22
Notice of intent to bid Due (optional) .....	12/21/22
Follow up Questions Due .....	1/04/23
Answers to Questions posted/provided to bidders.....	1/11/23
Proposals Due .....	1/25/23
Proposals Viewed by Supervisors & Safety Committee .....	1/31/23
Demonstration of proposed system .....	1/31/23
Answers to further questions submitted by Supervisors .....	2/07/23
Board Selection.....	2/14/23