



**STATE OF ALABAMA
COUNTY OF SHELBY**

SEALED BIDS - RADAR BASED MEDICAL SENSORS FOR INMATE CELLS

Sealed bids for RADAR BASED MEDICAL SENSORS FOR INMATE CELLS will be received in the office of the Chief Financial Officer, Shelby County Administration Building, 200 West College Street-Room 125, Columbiana, Alabama 35051 until 2:00 P.M., October 7, 2025, at which time bids will be opened publicly and read. The County Commission reserves the right to reject any or all bids and to waive informalities in awarding this bid to the lowest responsive bidder. Bidders are to state that bids submitted are firm and that no claims for errors will be made after bids are opened and subsequent thereof. If you have any questions concerning bid specifications, please contact Teresa Smith at tsmith@shelbyso.com.

GENERAL INFORMATION

All bidders **must** use our form for submitting their bid. All bids must be sealed and marked in the lower left-hand corner **"BIDS – RADAR BASED MEDICAL SENDORS"** with opening date and time. Late bids will not be opened. Bids will not include State Sales Tax or Federal Excise Tax.

Records showing successful bidder and prices quoted will be placed on file and may be examined upon request. If contract is awarded to someone other than lowest bidder, a note of explanation will appear in the bid file and Commission Minutes. Use of trade names and numbers shall be interpreted as establishing a standard of quality and shall not be construed as limiting competition.

DISQUALIFICATION OF BIDS

Bids may be disqualified before awarding of the contract for any of the following:

1. Failure to mark envelope as required.
2. Failure to sign or notarize the bid document.
3. Failure to include requested information, samples when specified or other details of the bid.

METHOD OF AWARD

The award will be made to the lowest responsible bidder meeting specifications for each item bid. It is not the policy of the Shelby County Commission to purchase on the basis of low bid only. Quality, conformity with specifications, purpose for which required, terms of delivery, and past service and experience are among the factors that may be considered in determining the responsive bidder.

The Shelby County Commission reserves the right to award separate contracts for each item, each product, or any combination of products if in the best interest of the Shelby County Commission. Upon awarding of this contract and bid the Shelby County Commission reserves the sole right to end said contract at their sole discretion.

CONTRACT PERIOD/PRICING

The period of this contract will be for one (1) year from date bid is awarded. This contract may be renewed for up to three (3) years from the initial award date upon the agreement of both parties.

IMMIGRATION LAW


By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

OPEN TRADE

By signing this contract, vendor agrees that it is not currently engaged in, nor will it engage in, any boycott of a person or entity based in or doing business with a jurisdiction with which the State of Alabama can enjoy open trade.

Please provide your bid response in triplicate, one original and two copies.

Bids will not include State Sales Tax or Federal Excise Tax.


Chad Scroggins
County Manager

THE UNDERSIGNED OFFERS THESE PRICES, TERMS, AND DELIVERY AS PER BID SPECIFICATIONS:

NAME OF COMPANY: _____

BY (Please Print): _____

SIGNATURE: _____

ADDRESS: _____

PHONE: _____

**BIDS SUBMITTED ARE FIRM AND NO CLAIMS FOR ERRORS WILL BE
MADE AFTER BIDS ARE OPENED AND SUBSEQUENT THEREOF.**

Sworn to and subscribed before me this

the _____ day of _____, 2025.

Notary Public

My Commission Expires: _____

Intended Usage of Medical Cell Sensors

We are looking for units that can be mounted inside jail/holding cells with the ability to detect heart rate, respiratory rate, and motion via micro vibrations. These units will not be body worn devices and will be securely mounted to a wall or ceiling. The data from the sensors will be available on a web-based platform for viewing and documentation of data collected.

Physical Characteristics

- Wall/Ceiling mounted device, no contact needed.
- Roughly the size of a smoke detector.
- Operates on a 6.5-8.5 GHz frequency
- White in color.

Standard Features

- Unit will be able to detect heart rate.
- Unit will be able to detect respiratory rate.
- Unit will be able to detect motion.
- Unit will be able to take the above readings through blankets, clothing, and furniture.
- Unit will have a 130-degree field of view.

Additional Specifications

- These units will be FDA approved.
- Web-based software will be able to provide trends in vital readings.
- Software will be able to alert to drastic changes in vital readings either high or low relative to normal for that patient or patients.

Warranty

- Product Warranty and software support is covered by the annual subscription for services.

1. Summary

The purpose of this solicitation is to procure (X sensors or equivalent) advanced medical cell sensor monitoring units designed for use in correctional facilities. These units will provide vital signs monitoring, including heart rate, respiratory rate, and motion detection through micro-vibrations. This is also to ensure compliance with the health regulations set forth by the state and federal government. The devices will be permanently mounted to walls or ceilings and will operate without direct contact with individuals located in the holding areas. Data collected by the units will be hosted on a secure web-based platform for real-time access and documentation.

The successful vendor will provide medical cell sensors along with related services, including installation, training, and ongoing support. It is our intention to purchase these units and pay any recurring maintenance cost going forward. All responsive bidders must be prepared to provide an onsite demonstration if requested.

2. Detailed Specifications

The Medical Cell Sensors must adhere to the following specifications:

- A. **Device Type:** Non-invasive biometric and health monitoring sensors. A wall or ceiling mounted device. If color options are available, selection will be made with the awarded vendor.
- B. **Parameters Monitored:**
 - A. Heart rate
 - B. Respiratory rate
 - C. Motion
 - D. Capability to perform readings through barriers such as blankets, clothing, and furniture.
 - E. A minimum field of view of 130 degrees for effective monitoring.
- C. **Technology Standards:**
 - A. Units must meet FCC regulations for electromagnetic compatibility.
 - B. Devices must be certified under regulatory entities such as FDA for health monitoring devices.
 - C. Compliance with HIPAA (Health Insurance Portability and Accountability Act) regarding data security and patient privacy must be demonstrated.

- D. Web-based software must provide real-time monitoring and visual trends for vital readings over time.
- E. The system should be equipped to alert staff of drastic changes in vital readings, indicating values that are significantly high or low compared to the established normal range for inmates.
- D. **Data Transmission:** Secure, real-time data transmission to the facility's health management team. Must provide bandwidth capabilities with submittal.
- E. **Durability:** Waterproof and shock-resistant housing suitable for correctional environments.

3. Service Requirements

The successful vendor will be required to provide the following services:

A. **Installation Services:**

- A. Installation of sensors in designated areas of the center as specified by Iredell County personnel.
- B. Provide testing and configuration of devices to ensure proper functionality.

B. **Training Services:**

- A. Onsite training for jail medical staff on how to operate the sensors and interpret data.
- B. Onsite training for correctional officers on monitoring procedures and emergency protocols related to sensor alerts.

C. **Maintenance and Support:**

- A. Provide an annual maintenance agreement for the system.
- B. Provide ongoing customer and technical support for troubleshooting and repairs.
- C. Proactively offer software updates and device calibration as necessary.

Bid Response

Name of Bidder _____

Representing Company _____

Address of Bidder _____

Phone Number _____

Mailing Address _____

E-Mail Address _____ Federal Tax ID# _____

Brand Bid _____

Do the product(s) meet stated specifications? Yes _____ No _____

TOTAL PURCHASE PRICE PER UNIT: \$ _____

TOTAL ANNUAL RECURRING MAINTENANCE: \$ _____

Note any deviations from specifications (if none write "None" / Also include any specifications that may exceed listed specifications:

Check here if additional sheets are attached; otherwise, it is understood that no other documentation is relevant.