

## INVITATION TO BID

Sealed bids will be received by the City of Auburn, until 10:00 a.m. local time, on Thursday, June 22, 2006 in the Office of the City Manager, 144 Tichenor Avenue, Auburn, Alabama, and then publicly opened and read for furnishing the following:

### Satellite Radio and Voter System

Bid specifications are attached. Bids must be submitted on the attached form within a sealed envelope addressed:

City Manager, City of Auburn  
144 Tichenor Avenue, Suite 1  
Auburn, Alabama 36830

Envelope must be plainly marked on the outside as follows:

BID: Satellite Radio & Voter System  
OPENING: 10:00 a.m., local time  
DATE: June 22, 2006

The City of Auburn reserves the right, as the best interest of the city may require, to award the purchase contract from any of the bids, to reject any or all bids, and to waive any informalities in bids received. Bid will be good for ninety (90) days after being opened by the City of Auburn, Alabama. The City reserves the right to revert to the State of Alabama Contract if the bid price is higher than the contracted amount through the State.

The successful low bidder is responsible for acquiring the appropriate business licenses and permits to conduct work with the City of Auburn. Any non-Alabama bidders must submit a written opinion from an attorney stating the amount, if any, of preference granted by law to businesses in his state of residence.

The contractor will be required to provide certificates of insurance showing that it carries, or has in force, automobile liability insurance, general liability insurance and workers' compensation insurance. Limits of liability for automobile liability insurance shall be, at a minimum, \$1,000,000.00 combined single limit. Limits of liability for general liability

insurance shall be, at a minimum, \$1,000,000.00 per occurrence, \$1,000,000.00 personal and advertising injury, \$1,000,000.00 general aggregate and \$1,000,000.00 products/completed operations aggregate. General liability insurance will include coverage for contractually assumed liability. If general liability coverage is on a claims-made basis, the contractor will maintain coverage in force for a period of two (2) years following completion of the work specified in the agreement. Workers' compensation insurance shall provide statutory workers' compensation coverage and employers' liability coverage with limits of, at a minimum, \$500,000.00 each accident, \$500,000.00 disease- each employee and \$500,000.00 accident, \$500,000.00 disease – policy limit.

The certificate of insurance shall provide the City of Auburn, Alabama (City) with thirty (30) days written notice of cancellation of any of the coverage named in said certificate.

The City will be named as additional insured under the contractor's general liability insurance and automobile insurance policies.

The contractor shall require certificates of insurance from subcontractors. Subcontractors will carry limits of insurance equal to or greater than those carried by the contractor. These certificates shall evidence waivers of subrogation in favor of the contractor and the City, and shall be made available to the City upon request.

The successful bidder will note that the City pays by invoice on each Friday of the month. Invoices must be received by accounts payable at least seven working days before the scheduled check write. If you have any questions concerning billing, contact our accounts payable office at (334) 501-7237.

CITY OF AUBURN

Karen S. Broome  
Purchasing Officer

## **Minimum Requirements**

The City of Auburn wishes to accept bids for the purchase and installation of a satellite radio and voter system which will be used for the relay of the Fire Division's radio transmissions from field units to the 911 Center. This will be a "turn key" proposal with the exception of obtaining licenses for the satellite radios. The City of Auburn will be responsible for the procurement of all applicable licenses.

### **Satellite sites:**

Three satellite radio sites will be considered for this project.

1. D and J Enterprises located at 3495 Lee Road 10 Auburn, Al.
2. Charter Communications located at 1990 Mall Blvd. Auburn, Al.
3. Water Tower located at 1848 W. Farmville Road Auburn, Al.

### **Voter:**

The voter will be housed at the Auburn Department of Public Safety located at 161 N. Ross St.

### **Vendor Qualifications:**

The minimum qualifications of the vendor will be as follows:

- The vendor shall have an overall knowledge of the system design, verified experience working with communications systems, and an understanding of the city's communications infrastructure.
- The vendor must be an authorized agent of all proposed equipment and have service technicians certified by the FCC for 2-way radio repair.
- The vendor must have a safety certified tower climber on site during all climbing work.
- All sales and installation shall be handled by an employee of the vendor and not subcontracted out.
- The vendor shall demonstrate by reference that they can implement and maintain a system of this type. Vendor shall describe at least two like systems that they have implemented and are currently maintaining along with contact names and telephone numbers of a responsible party associated with the system.
- The vendor must have a service facility located within fifty miles of Auburn's facility and capable of 24/7 response for both emergency and non-emergency service.

**Pathways:**

Vendor will be responsible for determining the equipment necessary to provide sufficient RF path/signal strength between remote receivers and voter system.

**Equipment Specifications:**

General:

Proposed equipment must be consistent with the equipment currently employed by the City of Auburn for the existing Police Division voter system. Proposed equipment must be interchangeable with current equipment in like applications without unnecessary wiring or adapters. The City of Auburn desires to maintain consistency between the current Police system and the proposed Fire system to allow for interchangeability, trouble shooting and redundancy.

The satellite radios currently being used by the Police system are *Motorola CM200's* which are capable of receiving and transmitting. The voter currently being used by the Police system is a *4-channel DHE 4RV-2*. The total number of radios to be considered for this proposal will be nine (9). Six (6) of the radios will be programmed uhf and three (3) will be programmed vhf.

**Remote Receiver:**

Receiver – Sensitivity will be equal to or better than current mobile radios used by Auburn Police and Fire.

VHF Remote Receive Antenna System will be required to provide coverage that is equal to or better than the coverage experienced on the Police Remote Receiver Antenna System.

UHF Transmitter – Coupled to VHF Fire Receiver and will deliver greater than 20db quieting to UHF receiver at the voter. The UHF Transmitter should be five (5) watts and programmable.

VHF to UHF repeat interface - Will interface VHF Receiver and UHF Transmitter. Power will be 12VDC with no discernable distortion.

**Remote Receiver**

General:

Termination will be of the correct type and gender without unnecessary adapters. Vendor will be responsible for determining the equipment necessary to provide sufficient RF path/signal strength between remote receiver and voter system.

UHF receiver will receive sufficient signal from UHF transmitter to fully quiet the UHF receiver without fading.

Vendor will be responsible for necessary mounting *hardware, cabinetry, and cabling*. System is to be complete and “Turn Key” excluding the FCC license.

Each system radio should be capable of *transmitting and receiving* for redundant purposes.

The City of Auburn will provide information and access to sites when necessary.

Vendor will be responsible for coordinating site visits with the designated city representative.

### **Voter/UHF Receivers**

General:

Voter shall be 4 channels consistent with the voter currently used by the Police Division (DHE 4RV-2).

Vendor will provide all equipment necessary to integrate the vendor provided voter chassis/system with the Motorola MTR repeater.

Vendor will be responsible for all wiring, interfacing and modifications to the existing Fire Division repeater necessary to provide a complete and workable voter system with three (3) remote sites.

Voter is to be configured to provide voting for best audio between all three (3) remote receivers and the Motorola MTR repeater.

Vendor will be required to provide all *hardware, antennas, cabling and cabinetry* to install, operate and house provided voter system.

All antennas, radios and cabling are to be marked and identified.

Equipment is to be installed in a manner consistent with existing systems.

**City of Auburn designated representative.** Benjie Walker (334)501-3101.