

# **OBION COUNTY BOARD of EDUCATION**

## **ACCESS CONTROL SYSTEM**

### **SOUTH FULTON HIGH AND MIDDLE SCHOOL**

#### **SPECIFICATION PACKAGE**

The Obion County Board of Education is now accepting bids on a complete installation of a door access control system to be installed at South Fulton Middle/High School. Complete specifications are as follows:

## **BIDDER REPRESENTATION**

Each bidder by submitting their bid represents that:

1. They have read and understand the project documents and their bid is based in accordance thereof.
2. A representative of the bidder has visited the site and familiarized themselves with the local conditions under which the work is to be performed.
3. Their bid is based upon the materials, systems and equipment described in the project documents without exception.

## **DEFINITIONS**

1. A bid is a complete and properly signed proposal to do the work or designed portion thereof for the sum stipulated therein supported by data called for by the bidding documents.
2. Base bid is the sum stated in the bid for which the bidder offers to perform the work described as the base, to which work may be added or deducted for the sums stated in the alternate bids.
3. An alternate bid is an amount stated in the bid to be added to or deducted from the amount of the base bid if the corresponding change in project scope, materials, or methods of construction described in the bidding documents is accepted.
4. A price is an amount stated in the bid as a price per unit of measurements for materials or services as described in the contract documents.

## **PROCEDURES**

1. Bids are to be **submitted in duplicate**
2. Bidder may list any voluntary alternatives on a separate bid form.
3. All copies of the bid shall be enclosed in a sealed envelope. The envelope shall be addressed to the owner, and identified with the words "**BID ENCLOSED DOOR ACCESS CONTROL SYSTEM, Obion County Board of Education**" plainly written on the face thereof.
4. Bids are to be filled in by typewriter or manually in ink.
5. Bids are to be submitted to:  
OBION COUNTY BOARD of EDUCATION  
316 SOUTH THIRD STREET  
UNION CITY, TN. 38261
6. Bids are to be received by **Dec. 8, 2009 at 11 a.m.**
7. Bids will be opened immediately thereafter, at the above location.
8. The owner retains the right to reject any or all bids,
9. It is the intent of the owner to award this project to the lowest reasonable bidder, provided the bid has been submitted in accordance with the requirements of this document, is judged to be reasonable, and does not exceed the funds available for this project.
10. Bids are to be signed by persons legally authorized to bind the bidder to a contract.

## **INSURANCE**

The successful bidder shall purchase and maintain insurance for the protection from claims which may arise out of or the result from the contractors operation as part of this project, whether such operations be by the contractor or by any Subcontractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable.

1. Claims under workers or workmen's compensation, disability benefit or other similar employee benefit act.
2. Claims for damages because of bodily injury, occupational sickness or disease, or death of the contractors employees
- 3 .Claims for damages because of bodily injury, sickness or disease or death of any person other than the contractors employees
4. Claims for damages insured by usual personal injury liability coverage which are sustained by any person as a result of a offence directly or indirectly related to the employment of such persons by the contractor or by any other person
5. Claims for damages because of injury to or destruction of tangible property, including loss of use resulting therefrom.
6. Claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.

The insurance required above shall be written for not less than any limits of liability required by law.

## **GENERAL**

The owner shall supply necessary water and electricity for installation. The owner shall permit the use of toilet and wash-up facilities.

## **GENERAL CONDITIONS**

**OWNER:** The owner is the person or entity identified as such in the owner-contractor agreement and is referred to throughout as if singular in number and masculine in gender. The term owner means the owner or his authorized representative.

The owner shall furnish information or services under the owners control with reasonable promptness to avoid delay in the orderly progress of the work.

If the contractor fails to correct defective work or persistently fails to carry out the work in accordance with the contract documents, the owner, by written order signed personally or by an agent of owner, may order the contractor to stop work, or any portion thereof, until cause of such order has been eliminated.

If the contractor defaults, or neglects to carry out the work in accordance with the contract documents and fails within seven days after receipt of written notice from the owner to commence and continue such corrections, the owner may make good such differences. In such case an appropriate change order shall be issued deducting from payments then and thereafter due the contractor the cost of correcting such deficiencies.

The contractor is the person or entity identified as such in the owner-contractor agreement and is referred to throughout the contract documents as if singular in number and masculine in gender. The term contractor means the contractor or his authorized representative.

Unless otherwise provided in the contract documents, the contractor shall provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, transportation, and other facilities and services necessary for the proper execution and completion of work

The contractor shall at all times enforce strict discipline and good order among his employees, in particular while children are present.

The contractor warrants to the owner that all materials and equipment furnished under this contract will be new unless otherwise specified, and that all work will be of good quality. The warranty period shall be for one year from the acceptance of the completed work. All extended warranties offered by the manufacturer shall be effective until such limits expressed by the manufacturer have expired.

The contractor shall pay all sales, consumer, use, and other similar taxes for the work or portions thereof.

The contractor, upon being awarded the contract, shall submit for the owner's information an estimated progress schedule for the work.

The contractor, upon acceptance of his proposal, will honor this project completion date of 45 Days. If the contractor is unable to comply with this completion date, without proper documented justification to the owner's satisfaction, he will forfeit payments not to exceed 1% (one percent) of the total proposal per day.

The contractor shall be responsible for all cutting, fitting, or patching that may be required to complete the work or to make its several parts fit together properly.

#### **PROTECTION OF PERSONS AND PROPERTY**

The successful contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the work. The contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury, or loss to:

1. All employees on the work
2. All the work, all materials, and equipment to be incorporated therein.
3. All other employees, students, and guest at the job site.
4. Other property at the site or adjacent thereto.

#### **QUALIFICATIONS:**

**“Contractor shall comply with Public Chapter 587 of 2007, as codified in Tennessee Code Annotated Section 49-5-413, which requires all contractors to facilitate a criminal history records check conducted by the Tennessee Bureau of Investigation and the Federal Bureau of Investigation for each employee prior to permitting the employee to have contact with students or enter school grounds when students are present.”**

#### **QUALITY ASSURANCE**

The contractor shall have the experience of at least three (3) acceptable jobs in the United States within the past five (5) years. This work shall be in locations and conditions similar to those at Obion County Schools.

The contractor shall employ only qualified and experienced workers skill in the work required for this project.

## **CLEANUP**

Refuse and debris accumulating from work required as part of this project shall be regularly removed from the job site by the contractor and before final acceptance of this project by the owner.

## **WARRANTY**

The Contractor shall provide a minimum of 1-year warranty, commencing with the date of final acceptance.

The warranty coverage shall not be pro-rated nor limited to the amount of usage. The warranty submitted must have the following characteristics:

1. Must warrant materials and workmanship
2. Must warrant that the materials installed meet or exceed the product specifications
3. Must have provisions to either make a cash refund or repair or replace such portions of the installed equipment materials that are no longer serviceable to maintain serviceable and useable equipment.
4. Must be a warranty from a single source covering workmanship and all self-manufactured or procured materials.
5. Guarantee the availability of replacement parts, equipment, and materials for the Door Access Control System installed for the full warranty period.

## **SUBMITTALS**

Submit with bid:

1. Manufacturers data certifying compliance with these specifications
2. Certified list of existing installations, including owner representative and telephone number, attesting the compliance with quality assurance information.

## **UTILITIES**

The successful bidder shall be responsible for the location of all utilities. Any utilities that have to be re-located or repaired as a result of this contract will be the responsibility of the contractor. The Board of Education shall be held harmless of liability in case of any damages.

## **QUALITY STANDARDS OF INSTALLATION**

Upon completion of project, representatives of the Owner, Contractor, and Manufacturer prior to acceptance by the owner shall inspect the installation

**The use of "Brand names, Trademarks, and Professional Services" is to establish a minimum standard of quality.**

## **PAYMENT OF CONTRACT**

The owner upon final acceptance of the project by the owner will pay a payment of 100% of the contract amount to the contractor

No partial payments for labor or material will be made on this project.

## SCOPE OF WORK

Work included in this section shall consist of furnishing all labor, tools, equipment supplies, transportation, sub-contract labor, equipment, training, materials, and 1-year complete warranty necessary to install in place all Door Access Control System equipment as indicated in these specifications.

Location of work  
South Fulton High and Middle School (7 doors)  
1302 John Jones parkway  
South Fulton, Tennessee

The successful Bidder shall provide an addition to the existing access control network. **Other brands of equipment will be considered but must be equal to the part numbers listed under equipment. Part numbers are of manufacturers: Galaxy Control Systems, Securitron Magnalock Corporation, and Sargent brand door hardware.**

## EQUIPMENT

**Work shall include but is not limited to the following major items:**  
Contractor shall provide equipment, installation, training and 1-year warranty for a new door access control system to be installed in the South Fulton High and Middle School.

Contractor shall provide an addition to the existing access control network. Other brands of equipment will be considered but must be equal to the part numbers listed below. Part numbers are of manufacturers Galaxy Control Systems and Securitron Magnalock Corporation.

Work shall include but is not necessarily limited to the following major items:

GCS 508i: Access Control Panel...Expandable modular design, IP addressable for interface with the existing network, supports all reader technologies.

GCS PROXPRO: HID proximity card reader 5.5"-8" read range

SEC M62GB: Magnalock with 1200 Lbs. holding force with "Bondstat". The "Bondstat" feature will be used to notify the system the status of the door/lock.

SEC XMS: Exit motion sensor

SEC EEB2: Emergency exit push button

SEC BPS-24: Central power supply with battery back-up. This power supply must be interfaced with the building fire alarm system to release all door upon fire alarm system activation.

See drawings provided for locations of work to be included for the following doors:

7 Doors at South Fulton School shall have the following equipment at each door

1 Magnalock

1 Exit motion sensor

1 Emergency exit push button  
1 Card Reader

Re-use the existing Magnalock and exit motion sensor at the High School and Middle school front doors.

Provide new remote release button for the front doors, interfaced with the access control system, at the secretary's desk in the Middle and High school office.

As an option provide pricing to bring Galaxy Software Maintenance Agreement up to date. Also, provide pricing for the annual cost to keep the Galaxy Software Maintenance Agreement current.

Any questions and/or clarifications may be addressed to or to schedule a site visit  
Please contact:

Phil Graham  
Maintenance Supervisor  
Obion County Board of Education  
Office Phone# (731) 536-4226