**Scope of Work:**

The Contractor shall furnish all labor, equipment, and tools in order to replace and upgrade the control system of door utility and intercom controls located at Compound 3 for the Louisiana Department of Corrections (DOC).

**Located at:** Dixon Correctional Institute

 5568 Highway 68

 Jackson, LA 70748

**Agency Contact:** Will Bunch

 225-634-6101

**Project location Compound 3:**

The Contractor shall remove the current MTI (Montgomery Technology Inc.) Touch Screen control station and return to DOC.

**The Contractor shall provide and install Non-Proprietary Touchscreen Control Stations**

One each Tower PC including the following:

-I7 Processor 10th Gen or better

-Windows 10 Professional, 64-bit

-Dedicated 2 GB Video Card

-Secondary back-up hard drive for quick system restoration in the event of a hard drive failure

-One 24” Touchscreen Monitor

-One Integrated intercom master

-One Licensed copy Wonderware In-Touch, Runtime 5k

-One UPS (uninterruptable power supply) unit to provide time for facility emergency generator to come online or power down the workstation properly

**The Contractor shall provide and install Security Equipment Room Logic Control System**

-Programmable Logic Controller (PLC) shall be cabinet mounted in the Security Equipment Room. Controller shall be Omicron or equal.

**Specify Brand/Model of Logic Controller bidding:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

-Additional equipment shall include the power supplies, programming, network switches to be mounted in the existing cabinets to create a complete and functional system

-The Contractor shall provide and install a UPS (uninterruptable power supply) unit to provide time for facility emergency generator to come online or power down the workstation properly

 -The Contractor shall provide and install an Intercom Amplifier as required

 -The Contractor shall provide and install a Paging Amplifier as required

 -The Contractor shall provide and install a Intercom Relay Cards as required

 -The Contractor shall provide and install a Replacement back panels for existing cabinets

-The Contractor shall provide and install a door control relays, power supplies, breakers, terminals, end barriers, terminal jumpers, champ connectors as required to provide a complete control system.

**Existing Devices to be Controlled and/or monitored**

 Nine Swing Doors

 Twelve Sliding Doors

 Five Monitored Only Doors

 Thirty-nine Lighting/Receptacle Controls

 Nine Water Controls

 Forty-three Intercom Stations

 Fourteen Paging Zones and/or Speakers

**Additional Inclusions**:

-The Contractor shall provide project management for on-and off-site scope

-The Contractor shall provide engineering documents for installation, operation, and maintenance

-The Contractor shall provide shop configuration and testing of provided systems prior to shipment

-The Contractor shall pretest for existing control system prior to installation of touchscreen

-The Contractor shall remove existing equipment and turn over to DOC for disposal

-The Contractor shall provide system training as it pertains to the security electronics system upgrade

**Terms & Conditions:**

-Bid shall be based on reuse of intercom stations, paging speakers, and wiring

-Bid shall be based upon all devices being control including wiring being sound and functional in nature, no provision is included for hardware replacement, adjustment, or replacement of any field devices

-Bid shall be based on reuse of existing cabinet and enclosure

-Bid contains no provisions for counter modifications

-A minimum of 1 year warranty

**Other Requirements**:

-Work shall be performed Monday – Friday from 7:00 AM – 3:30 PM

-Successful contractor shall contact Facility Maintenance Coordinator Will Bunch @ 225-634-6101 to schedule

-The Contractor’s representatives are subject to passing a background check

-All visitors are subject to a search of their vehicles, possessions and person. This is necessary to prelude the introduction of weapons, ammunition, explosives, cell phones, alcohol, escape devise, drugs and drug paraphernalia, or other forbidden items or contraband into the prison environment. All searches of visitors shall be conducted accordance Department Regulation No. C-02-005 and Penitentiary Directive No. 09.004 and 09.004A

-The Contractor’s representatives shall follow all institutional policies and procedures while performing work on facility grounds

-The Contractor is subject to a conference/training with facility staff after the contract is executed and before performing any work.