

**LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
SPECIFICATIONS**

**INSTALLATION, MONITORING & MAINTENANCE  
LEASED SECURITY ALARM AND ACCESS CONTROL SYSTEM**

**SCOPE OF WORK:**

Vendor shall furnish and install a facility wide Leased Security and Access Control System for the Department of Transportation and Development (DOTD) Traffic Operations Building, 7686 Tom Drive, Baton Rouge, LA. Work shall include installation of all system components, system wiring, mounting accessories, system programming, routing service, equipment maintenance, and monitoring. All existing areas located in separate buildings must report to the main control panel located in the main building.

**INTRUSION ALARM SYSTEM:**

The system shall be a fully functional, completely integrated Digital Alarm Communicator System (DACS) with auto-arming capability set for a specified time each evening. System must be capable of custom functions and displaying custom English text to match site layout/descriptions. System shall have an on-board Ethernet port with the capability to be monitored via Network. System shall include Remote Access/Control App ability for designated personnel to check real-time system status and arm/disarm the system remotely. The alarm shall disarm when an access control key card or key fob is used to access the building.

The existing data lines or Wi-Fi may be used for system routing and installation.

The following minimum components and quantities shall be installed:

**Main Office – Building 45 A-1**

- One (1) Touch Capacitive Command Center
- One (1) Zone Expander
- Twelve (12) System Integrated Interconnect Access Control Door Contacts
- Six (6) Door Contact Sensors
- Eight (8) Rollup Door Sensors
- Five (5) Exterior Siren Speakers with Intrusion Message and Integrated Strobes

**Maintenance Building – Building 45 A-7**

- One (1) Analog Control Panel
- One (1) Control Communicator
- One (1) System Integrated Interconnect Access Control Door Contact
- Three (3) Door Contact Sensors
- Three (3) Rollup Door Sensors

**Warehouse – Building 45 B-1**

- Two (2) Analog Control Panels
- One (1) Control Communicator
- Two (2) System integrated interconnect access control door contacts
- Three (3) Door Contact Sensors
- Two (2) Rollup Door Sensors

**ACCESS CONTROL SYSTEM:**

System must be capable of real time activity/event monitoring. The system database and history/activity must be accessible from any PC, via web browser with secure user login credentials. Access control system shall be capable of supporting an unlimited amount of Access Levels.

System must include the following:

- Egress Motion Sensors or equal shall be installed and adjusted to sense an occupant approaching the door at each Access Control Door Location.
- Backup Push-to-Exit Buttons at each Access Control Door Location equipped with a 30 second timer. Button shall not be dependent on the Access Control System.
- 125 Electronic Proximity Access Keys

**SOFTWARE & REPORTING:**

System must be capable of real time activity/event monitoring. Hosted system shall have capability to store system history/activity for one (1) year to be accessible by logging into the dedicated DOTD Account via web browser using any Desktop, laptop, or Tablet with Internet access.

The end user shall have the ability to access the system remotely to review data, download data, and grant/deny access.

System must be unlimited in the number of access authority levels that may be assigned to an individual account, must be capable of programming cards for access based on time of day, day of week, and the doors which a specific user has access to. System must also have the capability to exclude holidays from door schedules and card holder access levels, with the scheduled holidays being pre-programmed into the software denying access during that period.

System must be capable of generating reports, showing time of access and access location, on individual card users and all card readers during a specific period of time.

**SYSTEM MAINTENANCE REQUIREMENTS:**

The Contractor shall provide maintenance and repair of all security and access control equipment including monitoring, parts, and labor.

Periodic testing of the security and access control system shall be carried out on a quarterly basis to ensure the integrity of the control panel, the sensing devices, and the telephone lines. The date of the test shall be coordinated with the DOTD Traffic Operations representative.

All maintenance, repair and testing shall be in accordance with the manufacturer's recommendations.

**SYSTEM MONITORING REQUIREMENTS:**

The Contractor shall provide 24-hour, seven (7) days a week U.L. Monitoring of the Security and Access Systems. Security monitoring Contractor must comply with all local alarm ordinances.

Contractor must, upon intrusion, notify the designated DOTD Traffic Operations personnel. If there is an actual break-in, the Contractor must notify both the designated DOTD Traffic Operations personnel and the police.

The DOTD will not be held liable for any false alarms due to equipment failure.

**INSTALLATION:**

The Contractor shall coordinate with DOTD Traffic Operations personnel a minimum of three (3) days in advance of installation, and/or removal of equipment and appurtenances.

All work areas shall be returned to their condition prior to installation. The Contractor shall be held responsible for any damage of property by Contractor's employees while performing these services.

The Contractor shall provide all supervision, labor, materials, supplies and equipment and shall plan, coordinate, schedule and ensure effective performance of all service described herein.

**TRAINING:**

The Contractor, upon completion of system installation, shall provide one (1) operating manual explaining the operation and maintenance of the system, and provide training to DOTD Traffic Operations personnel in the complete operation of the systems.

**GENERAL CONDITIONS & CONTRACTOR QUALIFICATIONS:**

The Contractor shall be a factory-authorized and/or trained dealer of the system and shall be factory-trained and certified to maintain/repair the system after system installation.

The Contractor's service department shall be able to provide twenty-four (24) hour service, seven (7) days per week.

**QUALITY ASSURANCE:**

All equipment, systems, and materials furnished and installed shall be installed in accordance with the applicable standards of:

- National codes: NEC, NFPA, USC, BOCA, SB.CCI
- Approvals and listings: UL, FM, (CSFM, NYC-MEA, when applicable)
- State of Louisiana, City of Baton Rouge, and East Baton Rouge Parish authorities having jurisdiction