

**DETENTION CENTER FIRE ALARM SYSTEM REPLACEMENT****1. CONTRACTOR RESPONSIBILITIES**

Contractor shall:

- 1.1. Be licensed and fully competent in all aspects of fire alarm system replacement in a safe manner.
  - 1.1.1. Employ only skilled, qualified workers.
- 1.2. Provide all-inclusive pricing to provide 100% turnkey projects on a user-friendly system that include common installation, repairs, preventative maintenance, and replacement of fixtures/equipment.
  - 1.2.1. Include all required labor, material, warranty, equipment, plans, engineering, surveys, permitting and local and state inspections.
  - 1.2.2. Include costs for general housekeeping and work area clean up.
  - 1.2.3. Include travel time.
  - 1.2.4. Change orders shall not be issued for incidental items or tasks that should have been reasonably construed to be part of the project by the Contractor.
- 1.3. Obtain licenses, permits, and fees (including inspection fees) as required to comply with all laws, ordinances, regulations, and code requirements applicable to complete projects.
- 1.4. Be responsible for inspections, penalties, fees, or fines for projects.
- 1.5. Be responsible for damages caused as the result of completing projects.
- 1.6. Furnish all tools and equipment (possibly cranes, lift trucks, boom trucks, cherry pickers, etc.) to complete projects timely.

**2. SCOPE OF WORK**

- 2.1 Contractor shall be responsible for designing, engineering, permitting, and installation of a new fire alarm system in the Detention Center located at 551 W. Main St., Tavares. The Prelude (east) section of the Detention Center is not included in this project.
- 2.2 The new system shall integrate with the existing security system.
- 2.3 The fire alarm control panel and associated system components shall be easily obtained through normal supply vendors and shall be non-proprietary.
- 2.4 This is an occupied security facility, and access to most areas may be restricted.
- 2.5 The fire alarm system shall be designed and engineered by the Contractor's qualified engineer and shall meet all current National Fire Protection Association (NFPA) requirements, Building codes, local, state, and national standards.
- 2.6 The Contractor shall propose a standalone and non-proprietary fire alarm system.
- 2.7 A main fire panel and an annunciator panel shall be provided and installed in areas designated by a Lake County representative.
- 2.8 Contractor shall provide plans, engineering, and specifications to the Project Manager for approval prior to any work beginning.
- 2.9 The current system shall be kept in operational condition and maintain complete coverage and notification while the new system is being installed.
- 2.10 Existing wiring shall be reused. In the event that the wiring is found to be damaged, it shall be replaced based on labor and material rates submitted in the bid proposal.

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- 2.11 Device change out shall be coordinated with the Project Manager.
- 2.12 Contractor shall remove and dispose of old equipment.
- 2.13 Contractor shall be responsible for repairing any damage caused by their work.
- 2.14 Any needed signage shall be installed to meet NFPA requirements.
- 2.15 The Contractor shall provide two (2) copies of the Operating System Manual.
- 2.16 The Contractor shall provide five (5) keys to the lockable panel.
- 2.17 Contractor shall provide training to Lake County Facilities representatives upon completion of the system installation.
- 2.18 The Contractor shall provide as-builts upon completion of the project.

**3. COUNTY RESPONSIBILITIES**

- 1.1. As stated in Exhibit D.
- 1.2. Fire Alarm system monitoring is the County's responsibility.

**4. DELIVERY REQUIREMENTS AND ACCEPTANCE.**

- 1.3. As stated in Exhibit D.

**5. WARRANTY REQUIREMENTS**

- 5.1. As stated in Exhibit D.

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