**Scope of Work:**

Contractor shall furnish all labor, materials, tools, equipment, and supplies necessary to furnish and install a new modular fire alarm panel at the Louisiana State Penitentiary (LSP). All work and materials shall conform to all applicable federal, state, and local codes.

**Location:**

Louisiana State Penitentiary

17544 Tunica Trace (Hwy 66)

TU Building

Angola, LA 70712

**Site Contact:**

Danielle Matherne

danielle.matherne@la.gov

225-655-2589

**Specifications:**

-Contractor shall furnish and install a new modular fire alarm panel that uses independently addressed fire detection devices, input/output control modules, and notification appliances. This equipment will update existing fire alarm system to modern intelligent devices located at the TU Building, which includes the main panel, smoke detectors, pull station, and control modules.

-Contractor shall also install a new smoke detector at the panel and in the elevator lobbies as well as install control modules for elevator control. This includes system wiring, raceways, pull boxes, terminal cabinets, and mounting boxes.

- Existing panel is Make: EST, model # i064, panel serial # CEI14589

Fire Alarm Control Panel Specifications:

* Four loop system
* one 250 point loop installed
* 110 volt
* Shall include dialer
* Electronic addressing with automatic device mapping
* Two programmable switches with LEDS and custom labeling
* Support up to eight serial annunciators, lcd, led only, and graphic interface
* Can use existing wiring for most retrofit applications
* Pre-alarm and alarm verification by point
* Supports class A or class B wiring
* Ground fault detection by module
* Backlit LCD display

**Edwards EST iO1000GD OR EQUAL**

**Specify Brand/Model of Control Panel Bidding:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**General Terms and Conditions:**

-New elevator recall devices and modules shall be required to interface with existing elevators.

- Contractor shall coordinate with agency staff in order to schedule work for the elevator tie in.

-New monitoring modules shall be installed to monitor the existing kitchen hood suppressions system.

-Contractor shall remove all debris and trash resulting from removing old panel, etc. Work shall be performed during normal working hours 7:30 a.m. – 4:30 p.m. (CST), Monday through Friday.

-Contractor shall provide engineered drawings, Fire Marshall Submittal and fees, and testing and certification to the agency upon request.