



STATE OF NEW YORK
OFFICE OF GENERAL SERVICES
DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242



ADDENDUM NO. 1 TO PROJECT NO. 44251-E

**ELECTRICAL WORK
REPLACE FIRE ALARM SYSTEM
STATE EDUCATION BUILDING AND ADDITION
NYS EDUCATION BUILDING
NEW YORK STATE EDUCATION DEPARTMENT
89 WASHINGTON AVENUE
ALBANY, NY**

May 8, 2013

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

SPECIFICATIONS

1. Page 283102-1, ARTICLE 1.02 REFERENCES: Delete this Article in its entirety, and replace with the following:

“1.02 REFERENCES

- A. Underwriters Laboratories, Inc.
- B. National Fire Protection Association Standard 72 (2007).
- C. National Electrical Code (2008).”

2. Page 283102-8, Subparagraphs 1.04 C. 2., 3., and 4.: Delete these Subparagraphs in their entirety, and replace with the following:

- “2. Private mode audible signals sound, having a sound level of not less than 45 dBA at 10 feet, nor more than 110 dBA at the minimum hearing distance from the audible appliance. Also, the audible signal has a sound level at least 10 dBA above the average ambient sound level or 5 dBA above the maximum sound level having a duration of at least 60 seconds, whichever is greater, measured 5 feet above the floor in the occupied area.
- a. 45 dBA private mode audible signals sound in:
 - 1) Fire command station(s).
 - 2) Elevator cars.
 - 3) Restrooms.”

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3. Private mode audible signals in mechanical equipment rooms sound, having a sound level of not less than 100 dBA at 10 feet, nor more than 110 dBA at the minimum hearing distance from the audible appliance. Also, the audible signal has a sound level at least 10 dBA above the average ambient sound level or 5 dBA above the maximum sound level having a duration of at least 60 seconds, whichever is greater, measured 5 feet above the floor.”
 4. Audible alarm notification appliances sound a public mode ANSI S3.41 evacuation signal in the alarm signal initiation zone and other zones in accordance with the buildings fire evacuation plan. Evacuation signal is synchronized within each notification zone.
 - a. Audible alarm evacuation signal has a sound level of not less than 75 dBA at 10 feet or more than 110 dBA at the minimum hearing distance from the audible appliance. Also, the audible signal has a sound level at least 15 dBA above the average ambient sound level or 5 dBA above the maximum sound level having a duration of at least 60 seconds (whichever is greater) measured 5 feet above the floor in each occupied area.”
3. Page 283102-21, Paragraph 1.08.S: Delete this Subparagraph in its entirety, and replace with the following:
- “S. Interface fire alarm system with existing temperature controls system. Existing power to unitary controllers is not supervised. Provide relays at each mechanical room with air handling equipment identified on the drawings to supervise the 120V power to each unitary controller.
1. The existing Simplex fire alarm system utilizes addressable relays and unsupervised control power installed at each unitary controller to initiate fan shutdown. The new fire alarm system shall continue to initiate fan shutdown via addressable relays. Provide addressable monitor modules to supervise the existing control power at each unitary controller.
 - a. The fire alarm system shall communicate alarm conditions to the temperature controls system to allow for staggered start of air handling equipment once an alarm condition has been cleared.
 - b. Applies to all supply and return air handling units (AHU’s) and return fans (RF’s) as shown on the drawings.
 2. The existing temperature controls system is BACnet and LonWorks compatible.
 3. The existing temperature controls headend software is American Auto Matrix.
 4. Provide all software programming and hardware necessary to interface the new fire alarm system with the existing temperature controls system.”

END OF ADDENDUM