

SECTION 285022 – ANNUNCIATOR PANELS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Provisions of the Contract and of the Contract Documents apply to this section.

1.2 DESCRIPTION OF WORK

- A. An annunciator panel shall be mounted on the wall of offices 111, 112, 113 and 114. Exact location shall be coordinated with the Owner.
- B. Panel shall announce duress alarm from Master Control.
- C. Office 114 shall have a reset button for the purpose of returning control to Master Control.

PART 2 - PRODUCTS

2.1 MULTI-ZONE ANNUNCIATOR

- A. **Basis-of-Design Product: Design is based on Model ~~ES620~~ ES600 series (ADDENDUM 05) by Designed Security Inc. Subject to compliance with requirements, provide the indicated Basis-of-Design product or a comparable product as approved by Architect by one of the following:**

- 1. Detex Corporation
- 2. Honeywell
- 3. Flair Electronics
- 4. SALCO Industries

- B. Multi-Zone Annunciators shall be provided for monitoring the status of certain security points as indicated on the Drawings. The annunciator unit shall be designed to be modular and provide multiple zones of visual and audible status.

- 1. Technical Specifications: Unit shall meet the following minimum specifications:
  - a. Zones: Eight (8) zones.
  - b. Alarm Input: N/C dry contact.
  - c. Alarm Indication: High intensity red LED and tone.
  - d. Alarm Output Global: Normally open (N/O) relay, 500mA @ 30 VDC.
  - e. Alarm Acknowledge: "ACK" pushbutton.
  - f. Latching Alarm: Security point violation causes the zone LED to flash red, the audible sounder to sound, and activates a global alarm contact. The unit remains in this mode until the alarm silences the audible and sets the flashing zone LED to a continuous state until the point is restored. Once the point is restored, the LED is extinguished.
  - g. Sound Level: 70 dB @ 3 feet.
  - h. Power Requirements: 12-24 VDC @ 200 mA.
  - i. Trim Plate Material, Finish: Painted aluminum, off white.
  - j. Trim Plate Nomenclature: Standard: Silk screened text, gray lettering; Zone 1 - Zone 8.
  - k. Mounting: Flush mount two (2) gang plate.

- l. Dimensions: 2 gang – 4.6” w X 4.6” h X 2.5” d.
  - m. Back Box: Not included.
- C. **Systems Integration: Panel shall integrate with PLC outputs to display ~~door~~ duress (ADDENDUM 05) alarms as per the ~~drawings~~ contract documents (ADDENDUM 05).**
- D. **Mounting: ~~Secure panel to the lobby security desk. Provide surface mount box from the same manufacturer as the panel.~~ Flush mount to wall in offices indicated. Coordinate exact mounting location with Owner. (ADDENDUM 05)**
- E. Wiring: Provide sufficient conductors to wire all zones (including spares) for proper operation.

### PART 3 - EXECUTION

#### 3.1 LABELING

- A. Label each zone with its associated alarm. Do not label spares.

END OF SECTION