SECTION 281611 - MODIFICATIONS TO MAIN SECURITY CONSOLE

1. GENERAL
   * + 1. RELATED WORK SPECIFIED ELSEWHERE
          1. Modifications To Public Address Systems: Section 275117.
          2. Modifications To Perimeter Security Multiplex System: Section 281613.
          3. Modifications To Electronic Fence Alarm System: Section 281615.
          4. Modifications To Perimeter Surveillance CCTV System: Section 282315.
       2. DESCRIPTION OF EXISTING CONSOLE

Modify description to suit.

* + - * 1. The existing main security console in Control Room (Building No. 1) houses equipment for the various systems in a comprehensive manner, facilitating the overall operation and monitoring of the systems.

Change name of company to suit existing conditions.

* + - * 1. The existing console is a product of Premier Metal Products Co., Bronx, New York.
      1. SUBMITTALS
         1. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.
         2. Manufacturer’s installation instructions shall be provided along with product data.
         3. Submittals shall be provided in the order in which they are specified and tabbed (for combined submittals).
         4. Waiver of Submittals: The “Waiver of Certain Submittal Requirements” in Section 013300 does not apply to this Section.
         5. Submittals Package: Submit the product data, and the shop drawings specified below at the same time as a package.
         6. Product Data:

Catalog sheets, specifications and installation instructions.

Bill of materials.

* + - * 1. Shop Drawings: Show details of the modifications as proposed to be installed (standard details will not be accepted).

Show front view and plan view of console, overall dimensions, and detail of each console section.

Show scale drawing (plan view and elevation) of console layout in control room.

* + - * 1. Contract Closeout Submittals:

Photographs:

After completion of the work take color photographs of the completed Work of this Section, as follows:

3 of console from different positions.

1 overall view of console.

One front view of each console section.

One rear view of each console section, with the rear panel door open

Use a digital camera.  Use wide angle lens for overall view.  Use electronic flash capable of supplying sufficient light to evenly illuminate the overall subject.

Minimum digital requirements:

Format shall be .jpg or .tif

The resolution shall be 12 Megapixels or greater.

Submit photographs to electronic submittal website for approval and record.

* + - 1. SITE CONDITIONS
         1. Console Space: Space in the control room is limited. Design and layout of console modifications shall reflect the restrictions due to space limitations.

1. PRODUCTS

Specify required products. Verify that products specified are compatible with existing console.

* + - 1. CONSOLE SECTIONS
         1. Vertical front, welded steel frame, modular cabinet rack assembly; Premier Metal Products Co.’s Trimline TVA series, having:

Edit all features to suit project.

Number of sections as indicated on drawings (each section 23 inches deep with 19 inches wide by 70 inches high panel space).

Skeletal frame including top and bottom.

Matching 45 degree wedge sections as shown.

Textured charcoal gray frame finish.

Front, Back, and Side Panels:

Back panels hinged with locking door handle.

Blank panels to cover front panel space where equipment is not installed.

The area below the writing shelf, on the front of rack sections which are shown on the drawings without rear access, shall have a hinged locking door.

Louvers in back and side panels to provide adequate ventilation of components.

Beige tan enamel finish.

White plastic laminate (formica) covered writing shelf, one piece construction which spans front of console.

Aluminum trim with black vinyl inlay.

Accessories as required for mounting and support of equipment.

Multi-outlet strips mounted within the enclosure, with number of 15 amp, 120Vac receptacles (3 wire grounding type) as required for equipment. (Not less than 6 receptacles in each section.)

* + - 1. ACCESSORIES
         1. Exhaust Fans: Premier Metal Products Co.’s EF-300, having:

Guard: Premier’s GU-6.

Grill: Premier’s GR-6.

Sleeve: Premier’s SL-6.

1. EXECUTION
   * + 1. INSTALLATION
          1. Modify the console (add sections, rearrange equipment) to accommodate the various system modifications.
          2. Provide an exhaust fan in the rear panel of 3 of the sections of the main security console (every other section).

Select paragraph above or below to suit.

* + - * 1. Provide an exhaust fan in the rear panel of the sections of the main security console added under this contract.

END OF SECTION 281611