

**ITEM 0270201**

**VIDEO DRIVER/RECEIVER UNIT**

**DESCRIPTION**

Work under this item shall consist of furnishing and installing Video/Data Transmission equipment at the location and to the dimensions and details shown on plans or as directed by the Engineer and in conformity with these specifications.

**REFERENCED ITEMS**

None

**REQUIRED SUBMITTALS**

Shop Drawings:

Submit 5 copies of shop drawings for the video driver/receiver unit in accordance with these specifications and the contract general requirements.

**MATERIALS**

1. POWER SUPPLY SURGE SUPPRESSOR: The power supply surge suppressor shall be a 15 Amp surge suppressor "Model No. SUPERTRAC ST4" as manufactured by "Control Concepts Corp." of Binhamton, NY.
2. TWO CHANNEL VIDEO TRANSMISSION UNIT: This unit shall be "Mil-Lektron Model No. ML928-2EQ/A/D" as manufactured by "Iteris" of Anaheim, CA.
3. VIDEO RECEIVER UNIT: This unit shall be "Mil-Lektron Model No. ML928-1EQ/A/D" with ML928-EQ/A/DRM as manufactured by "Iteris" of Anaheim, CA.

**CONSTRUCTION METHODS**

The Video Driver shall be installed in the existing controller cabinet with the power supply protection. The receiver unit shall be installed at 525 Main Street Control Center.

The wiring schematic will be supplied by the Engineer after the installation of the cabinet with all the cables from the camera dome and traffic controller box are

available for termination. Terminations are to be made as directed by the Engineer.

The Contractor shall install DC4 Dow-Corning Silicone sealing compound or approved equal at all the entry points on the video Driver/Receiver units in the field to prevent the moisture leakage.

**METHOD OF MEASUREMENT**

This work will be measured for payment by the number of Video Driver/Receiver Units installed, operating and accepted in place.

**BASIS OF PAYMENT**

This work will be paid for by the Contract Unit Price each for "Video Driver/Receiver Units" which price shall include all the materials listed in the materials section, necessary fittings for mounting, miscellaneous connecting hardware to terminate all the cables in the cabinet, testing, all materials, sealing compound, equipment, tools and labor incidental thereto.

<b><u>PAY ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>PAY UNIT</u></b>
0270201	Video Driver/Receiver Unit	EA