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TECHNICAL SPECIFICATIONS

SECURITY

SYSTEM

DIVISION 16 - ELECTRICAL

SECTION 16 \_ \_ \_ - CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM

PART 2 - PRODUCTS

2.01 GENERAL

- A. All equipment and materials used shall be standard components, regularly manufactured, regularly utilized in the manufacturer's system.
- B. All systems and components shall have been thoroughly tested and proven in actual use.
- C. All systems and components shall be provided with the availability of a toll free (U.S. and Canada only) 24 hour, technical assistance program (TAP) from the manufacturer. The TAP shall allow for immediate technical assistance for either the dealer/installer or the end user at no charge.
- D. All systems and components shall be provided with a one day turn around, repair express and 24 hour parts replacement. The repair and parts express shall be guaranteed by the manufacturer on warranty and non-warranty items.

2.02 FIXED MOUNT, IN CEILING, INDOOR DOME

- A. The indoor fixed mount, in ceiling CCTV camera dome shall consist of a 5.9" lower dome bubble and back box assembly together with a fixed camera mount.
- B. The lower dome shall meet or exceed the following design and performance specifications:
  - 1. The lower dome shall be a maximum of 5.9" in diameter and extend to a maximum of 3.25" below the ceiling when installed in the back box.
  - 2. The lower dome shall be of acrylic material, optically clear with no distortion in any portion of the dome, to +2° above the horizontal.
  - 3. The lower dome shall be provided with a smoked tint and a maximum of ½ F stop light loss.
  - 4. The lower dome and trim ring shall easily snap and fasten into place.
  - 5. The lower dome shall weigh a maximum of 3 oz.
- C. The back box assembly shall meet or exceed the following design and performance specifications:
  - 1. The back box assembly shall be a single unit for suspended or hard ceiling applications.
  - 2. The back box shall be plenum rated for installation in plenum ceilings.
  - 3. The back box shall be constructed of aluminum and weigh a maximum of 1 lb., 8 oz.
  - 4. The back box shall measure 6.6" in diameter and extend a maximum of 5.25" into the ceiling when installed.

5. The back box shall feature easy installation with special spring clips and "kept" screw fasteners, and an easy access trap door allowing complete access and installation from the exposed side of the ceiling.
  6. The back box shall provide for cable entry via a .75" conduit fitting.
  7. The back box shall be for indoor use and allow an operating temperature range of 32° to 120° Fahrenheit.
- D. The indoor fixed mount, in ceiling dome shall be provided with a manufacturer's warranty covering repair or replacement of defective parts for a period of one year from the date of shipment.
- E. The indoor fixed mount, in ceiling dome shall be the Pelco DF5-0 or approved equal.