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**TECHNICAL SPECIFICATIONS**

**SECURITY SYSTEM**

**DIVISION 16 – ELECTRICAL**

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

**PART 2 – PRODUCTS**

**2.1 GENERAL**

- 2.1.1 All equipment to be supplied under this specification shall be new and the current model of a standard product of an OEM of record. An OEM of record shall be defined as a company whose main occupation is the manufacture for sale of the equipment supplied and which:
- A. Maintains a factory production line for the item submitted.
  - B. Maintains a stock of replacement parts for the item submitted..
  - C. Maintains engineering drawings, specifications, and operating manuals for the items submitted.
  - D. Has published and distributed descriptive literature and equipment specifications on the items of equipment submitted.
- 2.1.2 Specifications of equipment as set forth herein are salient and minimum requirements, unless otherwise stated and shall not be construed as limiting the overall quality, quantity or performance characteristics of items furnished.
- 2.1.3 System and components shall have been thoroughly tested and proven in actual use.
- 2.1.4 System and components shall be UL Listed and CE compliant.
- 2.1.5 All systems and components shall be provided with the availability of a toll free (U.S. and Canada) technical support number from the manufacturer. The number shall provide technical assistance for either the dealer/installer or the end user at no charge

**2.2 SPECIFICATIONS**

- 2.2.1 The Rack Mounted Power SupplyThe Rack Mounted Power Supply shall be a NITEK Model PS115 or approved equivalent and shall be capable of providing output voltages of 24VAC and 28VAC. Both voltages shall be available on each of five connectors at the rear of the Power Supply. Five compatible cables shall provide point-to-point connection from the Power Supply to five corresponding input connectors on an Unshielded Twisted Pair Crossover & Distribution Card Cage Model CX452 or approved equivalent.
- 2.2.1 The Power Supply shall be capable of providing up to 60 watts of power for each of the five outputs for a total of 300 watts.
- 2.2.2 Each of the five individual Power Supply outputs shall be protected by an auto-resetting overload device, which shall be rated at 3 Amps maximum.
- 2.2.3 The Power Supply shall operate over a primary line voltage range of 105 VAC to 120 VAC, 60 Hz.

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**PART 2 – PRODUCTS**

**2.2 SPECIFICATIONS (continued)**

- 2.2.4 The Power Supply shall meet Class II requirements for operation over Structured Cabling Networks and shall be compatible with Structured Cabling Standards.
- 2.2.5 The Power Supply shall operate over an ambient temperature range of 0 degrees to +140 degrees F (-20 degrees to +50 degrees C).
- 2.2.6 The Power Supply enclosure shall fit a standard 19" equipment rack and shall be one rack height. Overall size shall be 1.75" H x 19.0" W x 8.6" D.
- 2.2.7 Power Supply Weight shall be 21 lbs. maximum.