

Special Provision to Special Specification 6188

CCTV on High Mast Illumination Assembly



Special Specification 6188 "CCTV on High Mast Illumination Assembly," is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Article 1, "Description," is voided and replaced with the following:

Furnish the design, fabrication, delivery, and installation of a CCTV on an existing High Mast Illumination Assembly as shown on the plans, as detailed in this Special Specification, and as directed by the Engineer.

Section 2.1., "General Requirements," the first paragraph and bullets is voided and replaced with the following:

This Item, instructions on the plans, and the plan details constitute the only acceptable design for the assemblies. Materials and installation must comply with the following Items:

- DMS-11021, "High Mast Illumination Assembly Kits"
- Item 441, "Steel Structures"
- Item 445, "Galvanizing"
- Item 446, "Cleaning and Painting Steel"
- Item 620, "Electrical Conductors"
- Special Specification 6005, "Testing, Training, Documentation, Final Acceptance, and Warranty"
- Special Specification 6006, "Electronic Components"
- Special Specification 6010, "Closed Circuit Television (CCTV) Field Equipment"
- Special Specification 6064, "Intelligent Transportation System (ITS) Pole with Cabinet"

Section 2.1., "General Requirements," the last paragraph is deleted.

Section 2.2., "Equipment," is voided and replaced with the following:

Provide all equipment including CCTV camera mounts, wireless antenna mounts, cabinets, cabinet mounts, mounting hardware, counterweights, equipment, equipment lightning and surge protection, electrical equipment, junction boxes and enclosures, power strip, and cables and connectors.

Section 2.4.1.1., "Cabinet Internal Grounding," is voided and replaced with the following:

The cabinet internal ground must consist of one ground bus-bar permanently affixed to the cabinet and connected to the grounding electrode. Bare stranded No. 6 AWG copper wire must be used between bus-bars. Each copper ground bus-bar must have a minimum of 20 connector points, each capable of securing at least one number 10 AWG conductor. Equipment ground wiring must return to these bus-bars.

Section 2.4.1.2., "Surge Protection," the second sentence of the first paragraph is voided and replaced with the following:

All power conductor wires entering or leaving the cabinet must be provided with surge protectors.

Section 2.4.2.1., "Construction," the last paragraph is voided and replaced with the following:

Procedures, welding machines and welding machine operators for welding on aluminum must be qualified in accordance with the requirements of AWS B3.0, "Welding Procedures and Performance Qualification," and to the practices recommended in AWS C5.5 and C5.6.

Section 2.4.2.2, "Ventilation," the first sentence of the first paragraph is voided and replaced with the following:

The cabinet must be provided with vent openings to allow cooling of electronic components.

Section 2.4.2.4, "Serial Number," is voided and replaced with the following:

The cabinets must be provided with a 5-digit serial number unique to the cabinet, preceded by an assigned 2 letter manufacturer's code. Provide at least a 0.2 in letter height. Stamp the entire identification code and number on a metal plate which is riveted to the cabinet, stamp directly on the cabinet wall, or engrave on a metalized mylar plate that is epoxied on the upper right-hand cabinet wall.

Article 5, "Payment," first sentence of the first paragraph is voided and replaced with the following:

The work performed and materials furnished in accordance with this Item and measured as provided for under "Measurement" will be paid for at the unit price bid for "CCTV on Existing High Mast Illumination Assembly."

Article 5, "Payment," first sentence of the last paragraph is voided.