

Special Provision to Special Specification 6010

Closed Circuit Television (CCTV) Field Equipment



Use this Special Provision to transport, install, and test Department-furnished digital closed-circuit television (CCTV) field equipment. In addition, Special Specification 6010, "Closed Circuit Television (CCTV) Field Equipment," is amended concerning the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Section 6010.2.1., "General Requirements" The paragraph is voided and replaced by the following:

Provide materials not supplied by the Department necessary for the CCTV installation including the proper length of outdoor rated shielded Cat. 5e ethernet cable and shielded EZ-RJ45 connectors to make the necessary connection. All materials provided by the Contractor must be new. The Cat. 5e cable needs to be rated 100 MHz and capable to operate between -40°C to 75°C with an overall nominal diameter of 0.265 in. The ethernet cable also needs to meet NEC/(UL) specification of CMXUV-outdoor rated, NEMA WC-63.1 Category 5e, and supports PoE++ (802.3bt) 4PPoE up to 100W. The EZ-RJ 45 connector needs to be shielded and accept either solid or stranded wire with 1.35 to 1.45 mm ID. Include a task in the project schedule for delivery of Department furnished materials and provide a minimum of 30-day notice to the Department for pick-up of Department-furnished materials. Unless otherwise shown on the plans, the Department must store CCTV for pick up at the location shown on the plans.

Ensure that all materials and construction methods necessary to complete the installation are in accordance with the requirements of this Item, the plans, and the pertinent requirements of the following Items:

- Item 441, "Steel Structures"
- Item 445, "Galvanizing"
- Item 449, "Anchor Bolts"
- Item 618, "Conduit"
- Item 620, "Electrical Conductors"
- Item 656, "Foundations for Traffic Control Devices."

Section 6010.2.2., "Functional Requirements for Analog CCTV," all paragraphs are voided and not replaced.

Section 6010.2.3., "Functional Requirements for Digital CCTV," all paragraphs are voided and not replaced.

Section 6010.2.4., "Cable Assembly," all paragraphs are voided and not replaced.

Section 6010.2.5., "Video Encoding Interoperability," all paragraphs are voided and not replaced.

Section 6010.2.6., "Camera Housing," all paragraphs are voided and not replaced.

Section 6010.2.7., "Pan-Tilt Unit," all paragraphs are voided and not replaced.

Section 6010.2.8., "Preset Functions," all paragraphs are voided and not replaced.

Section 6010.2.9., "Control Receivers," all paragraphs are voided and not replaced.

Section 6010.2.14., “Power Requirements,” the section is voided and not replaced.

Section 6010.2.15., “Primary Input Power Interruption,” all paragraphs are voided and not replaced.

Section 6010.2.16., “Power Service Transients,” all paragraphs are voided and not replaced.

Section 6010.3.9., “Warranty,” the section is voided and replaced by the following:

The Contractor must inspect visually to ensure the Department-furnished CCTV equipment is free from defects or failure in design, materials, and workmanship upon receiving the equipment. Notify the engineer immediately in writing in case of defective CCTV equipment during the inspection so the engineer can contact the vendor or manufacturer for warranty repair service.

Section 6010.3.10., “Training,” all paragraphs are voided and not replaced.

Section 6010.4., “Measurement,” the section is voided and replaced by the following:

This Item will be measured as each CCTV field equipment unit with mounting apparatus and ethernet cable inspected and installed.

Section 6010.5.1., “Furnish and Install,” all paragraphs are voided and not replaced.