

BC MINISTRY OF TRANSPORTATION

Electrical Maintenance Specification E-610 (Version 6 – May/05)

CCTV SYSTEMS AND WEB CAMERA MAINTENANCE

1. OBJECTIVE

- To ensure CCTV Systems and WEB Cameras are operational and function in accordance with their design and Ministry standards.

2. GENERAL PERFORMANCE SPECIFICATIONS

2.1 Routine Maintenance Services

- All services for this Electrical Maintenance Specification are routine.

2.2 Additional Services

- Not applicable to this Electrical Maintenance Specification.

3. DETAILED PERFORMANCE SPECIFICATIONS

3.1 Routine Maintenance Services

The Contractor must:

- a) repair or replace CCTV Systems and Web Cameras and their components;
- b) perform preventative maintenance;
- c) notify the PHCC of any malfunctioning CCTV Systems and Web Cameras causing a traffic disruption and inform the PHCC when repaired;
- d) remove or cover graffiti in accordance with the *Highway Maintenance Specification – Litter collection and Graffiti Removal*; and
- e) document all activities related to electrical maintenance of CCTV Systems and Web Cameras including but not limited to field inspections, patrols, testing, complaints received /

responses made, and all changes made to the equipment and operations.

3.1.1 Performance Time Frames

The following establishes the maximum time, from the time the deficiency was detected or reported to the Contractor, within which the Contractor must Respond to deficiencies:

- a) repair or replace CCTV Systems and Web Cameras and their components that constitute or have the potential to constitute a safety hazard to the Highway User within 1 hour;
- b) repair or replace CCTV Systems and Web Cameras and their components that create traffic disruptions within 1 hour;
- c) repair or replace CCTV Systems and Web Cameras and their components that are not a safety hazard or causing a traffic disruption, but are not operating as designed, on the next work day and inform the PHCC when repaired;
- d) repair or replace CCTV Systems and Web Cameras and/or their components that do not create a safety hazard, do not cause traffic disruptions, and are structurally sound but have identified deficiencies within 3 months;
- e) repair or replace CCTV Systems and Web Cameras and/or their components not displaying a usable image on the next work day;

The Contractor must:

- a) perform preventative maintenance as required;
- b) notify the PHCC of any malfunctioning CCTV Systems and Web Cameras causing a traffic disruption within 5 minutes from the time the

malfunction was detected by or reported to the Contractor and inform the PHCC when repaired;

- c) remove or cover graffiti in accordance with the Performance Time Frames listed in the *Highway Maintenance Specification – Litter Collection and Graffiti Removal*; and
- d) document all activities related to electrical maintenance of CCTV Systems and Web Cameras immediately.

3.2 Additional Services

- Not applicable to this Electrical Maintenance Specification.

3.3 Materials

- Refer to the Introduction.