

B.C. MINISTRY OF TRANSPORTATION

SA10 – Local Area Specification #3

Kootenay Pass Roadside Barrier Removal

1. OBJECTIVE

To ensure the safe and efficient movement of traffic on Highway #3 in the Kootenay Pass while minimizing the annual cost of Roadside barrier replacement.

Kootenay Pass on Highway #3 includes a section of high frequency avalanche paths, which have sufficient force to push in place Roadside barrier over the edge of the bank, damaging the barrier. To protect this section of Roadside barrier, removal is required at the onset of the avalanche season upon establishment of an effective snow berm, and replacement once the threat of avalanche is over.

2. GENERAL PERFORMANCE SPECIFICATIONS

2.1 Routine Maintenance Services

All services for this Local Area Specification are Routine.

2.2 Quantified Maintenance Services

Not applicable to this Local Area Specification.

3. DETAILED PERFORMANCE SPECIFICATIONS

3.1 Routine Maintenance Services

The Contractor must:

- a) remove and store approximately 320 pieces of Roadside barrier beginning at RFI Landmark 20823 at offset 2.703 and terminating at offset 3.863;
- b) establish an effective berm, at a minimum of twice the existing Roadside barrier height prior to barrier removal;
- c) establish a Construction Speed Zone of 70 km/h by placing signs at appropriate locations, including barrier removed signs;

- d) install transition barriers, bullnoses, and appropriate flares on remaining Roadside barrier once removal of specified pieces has been performed;
- e) reinstall Roadside barrier upon threat of avalanche has passed; and
- f) replace Roadside barrier that incurred damage during the removal.

3.1.1 Performance Time Frames

The Contractor must:

- a) immediately remove Roadside barrier once berm has been established;
- b) establish a Construction Speed Zone of 70 km/h immediately prior to removal of Roadside barrier; and
- c) replace Roadside barrier that was removed within two weeks of avalanche season being deemed over.

3.2 Quantified Maintenance Services

Not applicable to this Local Area Specification.

3.3 Materials

Refer to Section B of the Introduction to the Maintenance Specifications.

4. WARRANTY

Not applicable to this Local Area Specification.