

B.C. MINISTRY OF TRANSPORTATION

SA27 - LOCAL AREA SPECIFICATION #2

MOVABLE BRIDGE MAINTENANCE

1. OBJECTIVE

To ensure safe and reliable service to Highway Users.

2. GENERAL PERFORMANCE SPECIFICATIONS

2.1 Routine Maintenance Services

All services for this Local Area Specification are Routine.

There are 2 Movable Bridges in this Service Area:

- a) Oona River Bridge (manually operated lift span, Porcher Island near Prince Rupert); and
- b) Oona River Lower Bridge (manually operated lift span, Porcher Island near Prince Rupert);

A Movable Bridge is defined as a bridge of any type having one or more spans capable of being raised, turned, lifted or slid from its normal vehicular and/or pedestrian service location to provide for the passage of vessels, in accordance with the Navigable Waters Protection Act. The movements of the Superstructure may be produced either manually or by engine power.

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) notify the Province of any failure of mechanical or electrical components of a Movable Bridge if the Bridge cannot be fully opened or fully closed;

- b) maintain, repair and replace steel and mechanical components of Movable Bridges that are unsafe or have the potential to become unsafe for Highway Users;
- c) maintain and repair Movable Bridges as required to ensure the safe and efficient operation of the swing or lift mechanisms;
- d) keep all moving parts and contact faces at Deck joints thoroughly clean and lubricated; and
- e) maintain and repair mechanical equipment as required to ensure proper operation.

Note: If it is estimated by the Contractor and confirmed by the Province that at any particular time, at any particular Bridge, the cost of maintaining or repairing a Movable Bridge or associated components exceeds \$35,000, refer to Section G of the Introduction to the Maintenance Specifications.

3.1.1 Performance Time Frames

The Contractor must:

- a) immediately report any seizures or failure of electrical or mechanical components of a Movable Bridge to the Province and immediately commence repairs;
- b) immediately, from the time the deficiency was detected by or reported to the Contractor, perform maintenance, repairs and replacement of mechanical components of the Movable Bridges; and
- c) clean and lubricate moving parts and contact faces at Deck joints annually.

3.2 Quantified Maintenance Services

Not applicable to this Local Area Specification.

3.2.1 Performance Time Frames

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.