

## **B.C. MINISTRY OF TRANSPORTATION**

### **SA06 – Local Area Specification #2**

#### **MOVABLE BRIDGE OPERATION**

#### **1. OBJECTIVE**

To provide safe navigable waterways for marine traffic.

#### **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) Middle Arm Bridge (swing Bridge, Richmond);
- b) Annacis Channel Bridge (swing Bridge, Annacis Island);

For the purpose of this Local Area Specification, 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. 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) open and close Movable Bridges in accordance with the Province's Bridge Operating Manual; the manuals are available on the following site:  
[http://www.th.gov.bc.ca/bchighways/contracts/maintenance/hwy\\_maint\\_area\\_info.htm](http://www.th.gov.bc.ca/bchighways/contracts/maintenance/hwy_maint_area_info.htm)
- b) post contact telephone numbers for the Contractor and the Province at the marine approaches to the Movable Bridge at locations approved by the Province;
- c) operate in accordance with the applicable Coast Guard approvals under the provisions of the Navigable Waters Protection Act and/or the by-laws of the appropriate harbour commission;
- d) open and/or close Movable Bridges only when it is safe to do so, i.e., when all vehicles or vessels are clear of the structure;
- e) when marine traffic requests a Movable Bridge opening on railway-shared structures, liaise with the applicable railway company to determine a suitable opening time, inform the marine traffic of the opening time, open the Movable Bridge at the scheduled time, and in compliance with the requirements of the appropriate authorities;
- f) report to the Province any malfunction of the Movable Bridge where full closure is not possible, or where the Movable Bridge cannot be fully opened;
- g) ensure that all operators of Movable Bridges are qualified to operate V.H.F. radio and where railways are involved, are qualified under the applicable federal regulations and acts, and, as applicable, are certified by the appropriate railway authority, to the satisfaction of the Province.

### **3.1.1 Performance Time Frames**

The Contractor must:

- a) ensure response times for openings/closures are in accordance with the applicable Coast Guard approval under the provisions of the Navigable Waters Protection Act and/or the by-laws of the appropriate harbour commission, and/or as mutually agreed between the Contractor and Province;
- b) immediately report any malfunctions to the Province.

### **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**

Not applicable to this Local Area Specification.

## **4. WARRANTY**

Not applicable to this Local Area Specification.