SCHEDULE 2

LOCAL AREA SPECIFICATIONS

Introduction:

1.0 All capitalized words and phrases in this Schedule 2 will have the same meaning as those capitalized words and phrases in Article 1 of the Agreement and in Article 1 of Schedule 1 ("Specifications") as applicable.

2.0 All dollar amounts expressed in this Schedule 2 exclude all applicable taxes, duties and other charges.

LOCAL AREA SPECIFICATION #1

MOVABLE BRIDGE MAINTENANCE

1. OBJECTIVE

To ensure safe and reliable service to highway users.

1.1 Included Infrastructure:

17th Street Bridge (lift span, at Courtenay), including:

a) bridge electrical, electronic, communications, and motor equipment including but not limited to: all equipment associated with the lift span operations including programmable logic controller (PLC) equipment, wireless communication links, traffic signals and controllers, hard wired electric motors, gate motors and associated circuitry and warning devices, street lighting, bridge up warning signs and all other equipment connected to or controlled from the bridge power services.

2. DETAILED PERFORMANCE SPECIFICATIONS

2.1 Routine Maintenance Services

The Contractor must perform bridge systems maintenance of all bridge electrical, electronic, communications and related mechanical equipment in accordance with this Local Area Specification, including Appendix 1 entitled 'Clarification of Responsibilities' and the Operating and Maintenance Manual located on the Ministry website at: http://www.th.gov.bc.ca/BCHighways/contracts/electrical/SA_vancouver_island.htm.

The Contractor must:

a) notify the Ministry Representative of any failure of electrical components of the movable bridge if the bridge cannot be fully opened or fully closed and Respond within five minutes from the time the malfunction was detected by or reported to the Contractor;

b) repair or replace the electrical components as required to ensure the safe and efficient operation of the swing or lift mechanisms;

c) repair or replace electrical equipment (including overhead lighting, traffic and/or lane control signals, signage or directional lighting) as required to ensure proper operation;

d) immediately report any seizures or failure of electrical or associated mechanical components of a movable bridge to the Province and immediately commence repairs;

e) immediately, from the time the deficiency was detected by or reported to the Contractor, perform maintenance, repairs and replacement of electrical components of the movable bridge;

f) perform Preventative Maintenance as required;

g) document all activities related to electrical maintenance of moveable bridge lighting including but not limited to field inspections, Patrols, testing, complaints received / responses made, and all changes made to the equipment and operations immediately.

Note:

If it is estimated by the Contractor and confirmed by the Province that at any particular time, the cost of materials, per repair incident, for the movable bridge or associated components, exceeds $1,500, the Ministry will treat that amount exceeding $1,500 as Other Additional Services.

2.2 Materials

Refer to section 3 of the Introduction to the Specifications in Schedule 1 ("Specifications").

APPENDIX 1

17TH STREET BRIDGE – CLARIFICATION OF RESPONSIBILITIES

As between the Electrical Maintenance Contractor and then Highway Maintenance Contractor the responsibilities will be as follows:

General
Electrical Maintenance Contractor – all 'household lighting' which includes light switches, fluorescent lights and receptacles, area heaters, and all 'Emergency' lighting components (boxes, batteries and lights) throughout the complex.

Chamber
Electrical Room – top west room
Electrical Maintenance Contractor – all electrical switches and panels.
Highway Maintenance Contractor – none.

Basement West Room
Electrical Maintenance Contractor – none.
Highway Maintenance Contractor – none.

Cylinder Chamber
Electrical Maintenance Contractor – two limit switches on side wall and three lights.
Highway Maintenance Contractor – hydraulic control switch next to cylinders and connected electrical cables.

Basement East Room
Electrical Maintenance Contractor – none.
Highway Maintenance Contractor – sump pump.

Mechanical Room (top east room)
Electrical Maintenance Contractor – heater, two large panels and three electric motors only.
Highway Maintenance Contractor – hydraulic components connected to ends of electric motor shafts; hydraulic switch controls and connected electrical cables; emergency diesel/gas motor and connected electrical cables, emergency operating board and connected electrical cables; hydraulic tank oil heater intercom.

Pier
Electrical Maintenance Contractor – limit switches at ends of span (4), navigation lights on dolphins (6) and navigation lights at end of stringers of span (2) (for when the bridge is in the air).
Highway Maintenance Contractor – none.

Control Tower
Electrical Maintenance Contractor – all electrical and heating.
Highway Maintenance Contractor – aeronometer and intercom.

Gates
Electrical Maintenance Contractor – all electrical including light on arms, motors (6), south kiosk.
Highway Maintenance Contractor – hydraulics.

Signals
Electrical Maintenance Contractor – two signals (type F cabinets) and poles, three bridge up warning signs and poles, two warning bells and lights on signal poles, south kiosk.
Highway Maintenance Contractor – none.

LOCAL AREA SPECIFICATION #2

'69 KV TRANSFOMER' SITE MAINTENANCE

1. OBJECTIVE

To ensure '69 KV transformer' sites are operational and function in accordance with their design and Ministry standards.

1.1 Included infrastructure:

- Located on Hwy #4 near Kennedy Lake.

2. DETAILED PERFORMANCE SPECIFICATIONS

2.1 Routine Maintenance Services

The Contractor must:

a) repair '69 KV transformers' and their components that constitute or have the potential to constitute a Safety Hazard to the highway user and Respond within one hour;

b) repair '69 KV transformers' and their components that create traffic disruptions and Respond within one hour;

c) repair '69 KV transformers' and their components that do not operate as per their original design but are not immediate Safety Hazards or causing traffic disruptions and Respond within seven Working Days;

d) repair '69 KV transformers' and their components that do not create a Safety Hazard, do not cause traffic disruptions, and are structurally sound but have identified deficiencies and Respond within three months;

e) perform Preventative Maintenance including but not limited to maintenance inspections annually;

f) notify the PHCC of any malfunctioning '69 KV transformers' causing a traffic disruption and Respond within five minutes from the time the malfunction was detected by or reported to the Contractor and inform the PHCC when repaired;

g) remove or cover graffiti in accordance with the performance time frames listed in the *Highway Maintenance Specification – Litter Collection and Graffiti Removal;*

h) document all activities related to electrical maintenance of '69 KV transformers' including but not limited to field inspections, Patrols, testing, complaints received / responses made, and all changes made to the equipment and operations immediately; and

i) document all activities related to electrical maintenance of '69 KV transformers' lighting including but not limited to field inspections, Patrols, testing, complaints received / responses made, and all changes made to the equipment and operations immediately.

2.2 Materials

Refer to section 3 of the Introduction to the Specifications in Schedule 1 ("Specifications").