

**PART E**  
**SPECIFICATIONS**

## PART E - SPECIFICATIONS

### GENERAL

#### E1. GENERAL

E1.1 These Specifications shall apply to the Work.

#### E2. GOODS

E2.1 The Contractor shall supply, and deliver emulsified asphalt in accordance with the requirements hereinafter specified.

E2.2 All emulsified asphalt supplied under this contract shall be in accordance with the most current versions of CGSB Standards CAN2-16-M84 and CAN2-16-M77.

E2.3 Item No. 1 - supply of HF150S asphalt emulsion shall meet the CAN2-16.5-M84 specification for high float anionic medium setting emulsified asphalt. It will be picked up on an "as required" basis, the pick-up temperatures shall meet the guidelines specified in the Asphalt Institute Publication No. 180: Safe Storage and Handling of Hot Asphalt.

E2.4 Item No. 2 - supply and delivery of RS-1 emulsion in bulk shall meet the specifications referenced in Clause E2.2 with the exception of the following amendment:

(a) demulsibility, 35 ml of 1.11 g/L CaCl<sub>2</sub>, % by mass - minimum of 40 %.

E2.5 Item No. 3 - supply of RS-1 emulsion (Winter Blend) shall be an RS-1 emulsion that is compatible with the standard equipment and aggregate used by the City of Winnipeg in spray patching operations and is suitable for use between November 1, 2004 and April 30, 2005 in wet conditions and temperatures as low as -15°C. It shall meet the specifications referenced in Clause E2.2 with the exception of the following amendments:

(a) viscosity, Saybolt Furol at 50 °C (s) - minimum of 35; maximum of 150;

(b) storage stability test, 24hour, % by mass – maximum of 1.5; and

(c) demulsibility, 35 ml of 1.11 g/L CaCl<sub>2</sub>, % by mass - minimum of 50 %.

E2.6 Item No. 4 – supply of SS-1 asphalt emulsion meeting the specifications referenced in Clause E2.2.

E2.7 Item No. 5 - supply and delivery of SS-1 emulsion in 205 litre drums, meeting the specifications referenced in Clause E2.2.

#### E3. DELIVERY

E3.1 Items 2 and 5 identified on Form B: Prices shall be delivered on an "as-required" basis during the term of the Contract, f.o.b. destination, freight prepaid, to various locations within the City.

E3.1.1 Item 2 shall be delivered within one (1) Business Days of the placing of an order, except where otherwise agreed at the time of ordering.

E3.1.2 Item 5 shall be delivered within three (3) Business Days of the placing of an order, except where otherwise agreed at the time of ordering.

E3.2 Goods shall be delivered between 8:00 a.m. and 2:00 p.m. on Business Days.

E3.3 The Contractor shall off-load goods as directed at the delivery location. Normal off-load times shall be one (1) hour or less.

- E3.4 The Contractor shall be responsible for the clean-up of any spill that may occur during the off-loading of goods at the delivery sites.
- E3.5 Table B of these Specifications, listing intended delivery locations, is provided for the convenience of the Bidder only. The City reserves the right to add or delete locations, within the boundaries of the City, or alter the type or quantity of goods to be supplied to any location as required by changes in its operations during the term of the Contract.
- E4. PICK UP**
- E4.1 Items 1, 3 and 4 as identified on Form B: Prices shall be picked up on an "as-required" basis during the term of the Contract, for various locations within the City.
- E4.2 Goods shall be picked up on demand between the hours of 7:00 a.m. to 3:00 p.m. Monday to Friday excluding statutory holidays, except where otherwise agreed at the time of ordering.
- E4.3 The Contractor shall load trucks promptly upon their arrival at the Contractor's plant unless otherwise notified by the City.
- E4.4 If the City has to wait for material for over thirty (30) minutes the Contractor shall pay the City of Winnipeg \$45.00 for each thirty (30) minute period of delay and the City will reduce payment to the Contractor by that amount.

**TABLE B – DELIVERY LOCATIONS**

Public Works Streets Maintenance Division 1220 Pacific Avenue Winnipeg, MB	(Item 2)
Public Works Streets Maintenance Division 849 Ravelston Avenue West Winnipeg, MB	
Public Works Streets Maintenance Division 1539 Waverley Street Winnipeg, MB	
Public Works Central Stores 1277 Pacific Avenue Winnipeg, MB	(Item 5)