

PART E

SPECIFICATIONS

PART E - SPECIFICATIONS

GENERAL

E1. APPLICABLE SPECIFICATIONS, STANDARD DETAILS AND DRAWINGS

- E1.1 *The City of Winnipeg Standard Construction Specifications* in its entirety, whether or not specifically listed on Form B: Prices, shall apply to the Work.
- E1.1.1 *The City of Winnipeg Standard Construction Specifications* is available in Adobe Acrobat (.pdf) format on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division internet site at <http://www.winnipeg.ca/matmgt>.
- E1.1.2 The version in effect three (3) Business Days before the Submission Deadline shall apply.
- E1.1.3 Further to GC:2.4(d), Specifications included in the Bid Opportunity shall govern over *The City of Winnipeg Standard Construction Specifications*.
- E1.2 The following Drawings are applicable to the Work:

<u>Drawing No.</u>	<u>Drawing</u>
1	Site location and typical detail of 1277 Pacific Avenue

E2. WORK

- E2.1 The Contractor shall supply and install a chain link fence material on approximately 171 metres of existing chain link fence at 1277 Pacific Avenue in accordance with the requirements hereinafter specified.
- E2.2 The Contract shall meet the following requirements for the fence fabric:
- the fabric is to be 2.44 metres in height;
 - the fabric shall be No. 9 gauge steel wire woven into a 50 mm mesh, the top and bottom selvage shall be knuckled;
 - the fabric shall be zinc coated, before weaving by the hot dip process to an average mass per unit area of not than 490 g/m²;
 - all excessive roughness, blisters, sal ammoniac spots, bruises and flaking, if present, to any considerable extent, shall provide a basis for rejection; and
 - the chain link fabric shall have a minimum tensile strength of 415 mpa.
- E2.3 The horizontal pipe shall meet the following requirements:
- the horizontal pipe shall be standard, continuous weld, schedule 40 steel pipe, hot dip galvanized;
 - the horizontal pipe shall be 1 11/16 100 W HD galvanized pipe;
 - horizontal pipe shall be supplied and installed to the existing line pole; and
 - tubing, conduit, or open seam pipe will not be accepted.

E3. CONSTRUCTION METHODS

- E3.1 The Contractor shall install the chain link fence in accordance with the Canadian General Standards Board specification CAN 2 – 138.2 and as per clauses 4.2 and 4.4.

E3.2 Horizontal Pipe Installation:

- (a) three (3) rows of horizontal pipe shall be installed parallel to the ground;
- (b) the horizontal pipe shall be welded to each of the existing line poles; and
- (c) the maximum spacing distance between the horizontal pipes shall not exceed 0.61 metres.

E3.3 Fence Fabric Installation:

- (a) the fence fabric shall be stretched taut to the correct tension as specified by the manufacturer and to the Contract Administrator's satisfaction;
- (b) the fence fabric clips shall be used to fasten the fabric to the existing top rail, intermediate horizontal pipe and to the bottom fabric fence material at 450 mm spacing.