

PART E

SPECIFICATIONS

PART E - SPECIFICATIONS

GENERAL

E1. GENERAL

E1.1 These Specifications shall apply to the Work.

E2. APPLICABLE SPECIFICATIONS, STANDARD DETAILS AND DRAWINGS

E2.1 *The City of Winnipeg Standard Construction Specifications* in its entirety, whether or not specifically listed on Form B: Prices, shall apply to the Work.

E2.1.1 *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>.

E2.1.2 The version in effect three (3) Business Days before the Submission Deadline shall apply.

E2.1.3 Further to GC:2.4(d), Specifications included in the Request for Proposal shall govern over *The City of Winnipeg Standard Construction Specifications*.

E3. WORK

Work Hours

E3.1 The majority of the Work will be performed during Regular Hours, as defined in D4.1, with occasional Work required outside those hours.

Coring and Pipe Installation

E3.2 Cored holes shall not exceed the largest outside diameter of the pipe by more than 25 millimetres except as directed by the Contract Administrator.

E3.3 All joints in the pipe shall be made before the pipe is pushed into the core hole. If, for any reason, a length of pipe has to be withdrawn from the cored hole, then the entire length of pipe already in the hole shall be moved back so as to ensure that the whole joint can be remade outside of the cored hole.

E3.4 No method of installation whereby tension is applied to the pipe will be permitted except:

- (a) joint-less copper pipe; or
- (b) joint-less plastic pipe; or
- (c) when otherwise authorized in writing by the User.

E3.5 Variance from design line and grade shall not exceed the following limits:

- (a) Pressure pipe - vertical variance \pm 50 millimetres, horizontal variance \pm 100 millimetres
- (b) Gravity pipe - vertical variance \pm 25 millimetres, horizontal variance \pm 100 millimetres

E3.5.1 If alignment and/or grade of the cored hole is not in accordance with Clause E3.5 of these Specifications the Contractor shall re-core the hole. The Contractor will not be permitted to use pipe fittings, bends, etc., to correct any such errors in alignment or grade.

Shoring

E3.6 If the Contractor removes or modifies any part of the shoring installed by the City, he shall do so in accordance with applicable safety requirements and restore the shoring to its original state subsequent to the performance of his work, at no cost to the City.

E4. RESPONSE TIME

E4.1 The Contractor shall respond to callouts within the following time limits:

- (a) projects estimated to be of one (1) days duration or less – two (2) hours maximum.
- (b) projects estimated to be of greater than one (1) day – four (4) hours maximum.

E5. CREW AND EQUIPMENT AVAILABILITY

E5.1 Throughout the term of the Contract, the Contractor shall have available for the Work a minimum of five (5) crews, each consisting of not less than two (2) persons and a fully equipped truck.