

192 ADDENDUM 1

PROVISION OF TRENCHING AND CABLING AT NORTH END WATER POLLUTION CONTROL CENTRE

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY

ISSUED: August 29, 2006
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

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Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 8 of Form A: Bid may render your Bid non-responsive.

PART E – SPECIFICATIONS

- Revise: E2.3 to read: The Contractor shall provide two (2) 3 inch entrance conduits to house the cabling specified in accordance with E2.4 at the transmitter shelter end of the cable. One entrance conduit will be for exclusive MTS use and will contain the 50 pair cable. The second entrance conduit will be for the fibre optic cable. All conduits inside the building must be E.M.T. and/or R.G.S., (corrugated pipe is not acceptable). This conduit must be continuous, have no more than 2 - 90 degree bends between pull points and be free of "L" type fittings. If more than 2- 90 degree bends are required provide a 4"x 4"x 24" long pull box. Pull boxes are to be placed on straight conduit runs and are to be fully accessible. Entrance conduits will include pull wires. The entrance conduits shall be installed a minimum of 3 feet below grade and must extend at least 3 feet away from the building foundation
- Revise: E2.5 to read: The cable of E2.4 shall be either a direct burial type or contained within a 3 inch conduit. If conduit is used, it can be rigid PVC conduit and be placed a minimum of 3 feet below final grade.
- Add: E2.6 All entrances shall be grounded as close to the building entrance as possible. The contractor shall be responsible for providing a 20mm (3/4") metallic conduit or #6 AWG green insulated copper ground wire from a proper grid electrode. The grounding electrode and the electrode connection must be in accordance with C.S.A. Standards.
- Add: E2.7 The Contractor shall provide 4U security box with patch panels for the fibre optic cabling at both endpoints. The Contractor shall terminate and test a minimum of 6 strands fibre optic cabling at both ends. The City shall provide 19" wiring racks for the security boxes. The City shall arrange to terminate the ends of the 24 gauge cabling. The Contractor shall provide successful OTDR fibre optic test results to The City after testing has been completed:
- (a) the Contractor shall arrange for all permits required for all Work to be performed.
 - (b) the Contractor shall provide The City with as-built diagrams after the Work is completed.