



ADDENDUM NO. 2 BID OPPORTUNITY NO. 265-2004

2004 COMBINED SEWER RENEWALS CONTRACT 34 SEWER LINING

ISSUED: June 24, 2004
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URGENT

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

**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: 20040128

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 10 of Form A: Bid may render your Bid Submission non-responsive.

PART A - BID SUBMISSION

Replace: Form B: Prices with Form B (R1): Prices.

PART E – SPECIFICATIONS

Add: To E1.2. In addition to the Drawings noted and included with the original Bid Opportunity, the following Drawings, which are attached to this Addendum are applicable to the Work:

<u>Drawing No.</u>	<u>Drawing</u>
SK-01	Manhole Installations MH ID 7350,16756,16767 & 19260
SK-02	Burnell Street Manhole Installation MH ID 26020

Add: To E3.4.14 (d). Further to E3.4.14 (d), the Bidder shall note that flexural strength and flexural modulus results obtained from confined samples over the past three construction seasons have been approximately 85% of the flexural strength and flexural modulus values obtained from test plate samples.

Add: To E3.5.15 and E4.5.15

- (b) Where indicated on the Drawings, manholes designated for Riser Replacement or Manhole Replacement shall be measured on a lump sum basis. The lump sum measurement for payment shall include all excavation, shoring, demolition and removal of the existing manhole and risers, removal of designated portions of the existing sewer, and reconstruction of proposed manholes and riser, including all connections to the existing sewers, manhole frame and cover, and all other items necessary to complete the works in accordance to this specification.

Revise: E4.3.3 (c) to read:

- (c) Perform a design check to confirm the full flow hydraulic capacity of the GRP will be equal to or greater than the existing sewer. Use "Manning's" formula with assumed 'n' value of 0.010 for the GRP and an "n" value for the existing section estimated on the observed condition of the pipeline from the Sewer Maintenance Inspection and the general guidelines presented in Appendix C of Volume I – Rehabilitation Planning, WRc Sewerage Rehabilitation Manual, 4th Edition.

Revise: E4.3.8 (b) (ii) to read

- (ii) Calculations showing the hydraulic capacity of the GRP sewer will be equal to or greater than the existing sewer.

Revise: In E4.4.8 (b), E4.4.9 (a) and E4.4.16 (b), revise "CIPP" to read "GRP".