



1067-2018 A ADDENDUM 3

QUALIFYING TUNNELLING CONTRACTORS - CONSTRUCTION OF 0.7 KM OF 2100-2500 MM SEWER

URGENT

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

ISSUED: Jan 7, 2019
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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 6 of Form A: Bid may render your Bid non-responsive.

Questions and Answers

The following clarifications/answers have been provided to questions from Bidders:

Question 1:

Is a single LDS diameter allowed for the entire project length if pipe jacking with the use of an MTBM is the installation method selected?

Answer 1:

Yes, a 2400 mm diameter ID reinforced concrete pipe shall be installed along the entire alignment on Taylor Avenue if the proposed tunneling method is pipe jacking. The project is to be completed using a single drive using the shaft locations indicated on the Drawings.

Question 2:

The drawing set included with the RFQ indicates the tunnel alignment radii shown are preliminary and are based on two-pass tunnelling method only. Is there an update available for radii for the horizontal curve shown for the pipe alignment?

Answer 2:

Yes, the horizontal radius of the curves has been harmonized for both potential Tunnelling methods (two-pass tunnelling and pipe jacking). The updated radius for the horizontal curves will be presented on the Drawings as part of the RFP (1067-2018 B) and will be approximately 900 m.

Question 3:

LD-8423 shows the modifications to the existing CS at Harrow as "By Others", is this work part of Contract 5?

Answer 3:

No, the work associated with the Harrow Crossing (of the existing combined sewer) is currently under construction as part of Bid Opportunity 725-2018. This work will be completed prior to Contract 5 (1067-2018 B) being awarded.

Question 4:

The drawings show a maximum size of 2400 mm diameter LDS pipe being installed; however, other elements of the RFQ indicate a pipe size range of 2100 mm to 2500 mm. Please clarify the intent of the stated range.

Answer 4:

The diameter of the installed LDS sewer is related to the installation methodology selected. For a two-pass tunnelling method, the range relates to the installation of 2100 mm and 2400 mm diameter carrier pipe. For pipe jacking, as indicated in **Answer 1** above, a 2400 mm diameter ID reinforced concrete pipe shall be installed. The Contractor is responsible for the installation of any LDS pipe larger than 2400 mm diameter.