



**Business & Financial Services Department**  
Telephone: 604-276-4097  
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June 10, 2010  
File: 02-0775-50-3922/Vol 01

Dear Sir/ Madame,

**Re: Addendum #3 T.3922 Watermain Replacement Program 2010 Lulu East and West**

The following change is hereby made a part of the Quote Documents as fully and wholly as if the same were fully set for the therein:

1. Questions & Answers

**Q1.** Can you explain to me how I am to determine what is grant funded and what isn't on St Alban Road, the drawings show it as ALL 300mm pipe, also your new tender docs still list it as 150mm in the item description, but as 300 or 200 in the subsection?

**A1.** Pages A-3 and A-4 list all sections of watermain and show the grant funded mains as underlined. Section A (St. Albans Watermains) shows that all of St. Albans Road is grant funded. All of the grant funded mains are separated in the "F" schedules (F1, F2, F3, & F4 - pages B-15 to B-18). Schedule F3 is for St. Albans Road and it is all 300mm pipe, which matches the drawings. The 150 in the item description is NOT 150mm, it is *class 150 (DR18)*. The subsections (a and b) in each of the schedules show the quantities for 200mm & 300mm pipe

**Q2.** In regards to above tender number, could I get contact information regarding technical / engineering.

**A2.** All questions are to go through purchasing, including technical/engineering questions.

**Q3.** I can not tell from the information on BC Bid as to whether the pipe is coated, and I would like to know that.

**A3.** Refer to the Richmond Engineering Department "Supplementary Specifications and Detail Drawings" June 2005.

**Q4.** Will the City Sidaway Dumpsite be made available for excavated spoil from this project?

**A4.** The City's Sidaway Dumpsite will not be available. It is for City use only.

**Q5.** Are PVC tees, reducers, bends acceptable?

**A5.** Currently not allowed 300mm (Addendum #2), 200mm under review.

**Q6.** Final milling & repaving will be done in 2011 when weather permits - is this acceptable to the time of completion?

**A6.** Final milling & paving for Grant Funded water mains must be completed before the end of February 2011. The balance of milling & paving must be completed as soon as weather permits in 2011.

**Q7.** Is there an oil escalation clause for the asphalt paving? There will be a long period of time between tendering and actual paving!

**A7.** No

**Q8.** For 25mm services - what is left at property line? - curb stop with pigtail for flushing? City to remove and dispose of pigtail and curb stop riser pipe when they perform tie in? Please clarify.

**A8.** Refer to general notes on Drawings.

**Q9.** On drawing Lc-1164, St Albans Storm sewer, the cross section detail calls for a 35mm grind & overlay of entire road width for final restoration, is this correct? The water drawing for St Albans shows a 50mm G5 grind and overlay. Also I am still wondering about the funded\non funded clarification for St Albans water main.

**A9.** The 50mm shown in the water drawing refers to the 200mm wide overlap on both sides of the trench. See cross section for St. Albans Road watermain which matches the grind and overlay note in the storm sewer cross section. Refer to "City of Richmond, Roadway Restoration Regulation bylaw 7869, April 11, 2005" for paving requirements.

**Q10.** Ductile iron C-110 fittings have an extremely long delivery date - are ductile iron C-153 fittings acceptable?

**A10.** No, refer to City of Richmond, Engineering Department, Supplementary Specifications and Detail Drawings, June 2005.

**Q11.** Many of the 150mm and 200mm PVC tees that are shown on drawings have flanges - is it acceptable to change fittings to all hub ends and change the connecting fitting ( e.g. valve) to hubs, place a small spool piece and restrainer between them?

**A11.** This is under review and an Addendum will be issued.

2. Addendum

SUPPLEMENTARY GENERAL CONDITIONS

300mm Tee SGC 14 - Delete clause

SUPPLEMENTARY SPECIFICATIONS

And replace with the following:

"Flanged PVC Tees      SSP 28 PVC tees with one or more flanges are not acceptable. Where flanged arrangements are shown on drawings these may be substituted with hub/hub/hub tee, spool piece, hub valve and joint restraint system."

Yours truly,

A handwritten signature in black ink, appearing to read 'S. Dosanjh', written in a cursive style.

S Dosanjh for K.Gillis  
*Buyer II - Contracting Specialist*  
*City of Richmond*