



City of Richmond

May 28, 2013
File: 02-0775-50-4840/Vol 01

Finance and Corporate Services Department
Finance Division
Telephone: 604-276-4218
Fax: 604-276-4162

Attention: To All Tenderers

Dear Sir/Madame:

Re: Contract T.4840 – Alexandra Road and Ackroyd Road Watermain Construction – Addendum One

This addendum forms part of the Contract Documents and shall be read, interpreted and coordinated with all other parts. The costs of all work contained herein shall be included in the Contract Price. The following revisions supersede the information contained in the original Contract Document to the extent referenced and shall become part thereof.

Tenderers shall acknowledge receipt of this addendum by inserting its number and date where provided for on the Form of Tender.

I. MEASUREMENT OF AND PAYMENT OF WORK

Section D page D-21 and D-22

- i. Item A-1 – Supply and install 200mm watermain. AWWA C900 PVC watermain Class 150 (DR18) (including fittings).

Delete the first paragraph and replace with:

Payment for this item will be made at the unit prices tendered for the supply and installation of each metre of the size of pipe including all fittings to be installed to the depth shown on the drawings.

- ii. Item A-2 – Supply and install complete fire hydrant(including fittings, valves and accessories)

Delete the item description and first paragraph and replace with:

Item A-2 – Supply and install complete fire hydrant (including fittings, valves, vertical offsets and accessories).

Payment for this item will be made at the unit prices tendered for the installation complete of each fire hydrant assembly at the depths and locations shown on the drawings including all fittings and vertical offsets required.

- iii. Item A-3 – Supply and install complete service connection (including fittings, valves and accessories)

Delete the description and first paragraph and replace with:

Item A-3 – Supply and install complete service connections as per drawings (including fittings, vertical offsets and valves)

Payment for this item will be made at the unit prices tendered for the installation complete of each service connection assembly at the depths and locations shown on the drawings or in the specifications including all fittings and vertical offsets required.

- iv. Item A-5 – Supply and install complete Vertical Offsets to avoid Utilities with Unknown Elevations(Provisional)

Delete the entire description and replace with:

Item A-5 – Supply and install complete Vertical Offsets to avoid Utilities (Provisional)

Payment for this item will be made at the unit prices tendered for the supply and installation of all vertical offsets that are required to avoid existing utilities.

Each offset shall include all items required to both deviate from and return to the original profile. No additional payment will be made for length of pipe beyond that measured in Items A-1.

No adjustments for Quantity Variations will be made to this Pay Item.

II. QUESTIONS AND ANSWERS (answers provided in italics):

- Q1. On drawing Wc – 1053 sheet 5 of 5 and Wc 1055 Sheet 6 of 6, the typical trench detail refers to 150 mm existing road structure, 50mm over grind and full lane overlay in accordance with Bylaw No. 7869; is this correct?

- A1. *These typical sections are incorrect and the following changes should be implemented.*

The existing road structure for both Alexandra and Ackroyd is expected to be 75-85mm. Trench restoration will require a minimum thickness of 85mm, final milling will require 200mm on either side of the trench at a minimum depth of 40mm, with a final paving overlay of a minimum 40mm.

Alexandra Road and Ackroyd Road are designated as local roadways, therefore the final pavement restoration would be a milling and overlay of the initial restoration and 200mm beyond the original trench width on both sides. However, when the edge of trench is 500mm or less from the front edge of the gutter or edge of pavement, then final pavement restoration will require the entire 500mm section to be replaced from the trench to the edge of the gutter or edge of pavement. Please refer to Richmond detailed drawing G-5-SD in the City's Engineering Department Supplementary Specifications and Detailed Drawings.

OPTIONAL ITEM

Item B-1 Supply and Install Final Asphalt Overlay (Optional)

The payment for this item will be made at the unit price tendered for the supply and installation of the final milling and asphalt overlay.

This item includes all the Contractor's costs for labour, material and equipment associated with the milling, and supply and installation of the final asphalt overlay in accordance with engineering drawings, Richmond Supplemental Specifications and the City of Richmond Bylaw 7869 "Roadway Restoration Regulation" dated April 11, 2005.

The final pavement scope shall be reviewed and approved by the Contract Administrator prior to final asphalt works.

Should the owner elect to include the Optional Work, payment for this item will be made at the lump sum tendered price in the Schedule of Quantities and Prices.

- Q2. On Wc-1055 sheets 4 of 6 and sheets 5 of 6 the typical cross sections show many utilities that are in the road structure, the stations of the crossings are given and a note is added that states no conn. crossing.
- A2. *These notes state that the crossing will not conflict with those utilities at the stations noted. This can be confirmed by reviewing the locations on the plan view drawings.*
- Q3. On Wc-1053 sheets 4 of 5 the typical cross sections show many utilities that are in the road structure, the stations of the crossings are given, however there are no notes regarding no connection crossings as there were on Wc-1055.
- A3. *The notes are not the same on both drawings, no conflicts are anticipated, this can be confirmed by reviewing the plan drawing at the stations noted for the connections and utilities.*
- Q4. Does the City allow a concrete cap over the watermain at any point where it vertically offsets over existing utilities?
- A4. *If absolutely required at the owner's discretion, the City will allow concrete caps over a vertical offset where the specified cover cannot be achieved. .*

Yours truly,



Kerry Gillis
Buyer 2

KG:kg

pc: Roger Keating, Project Manager