



City of Richmond

October 9 2013
File: 10-6340-20-P.12202-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: T.4992
Westminster Hwy from Gilley Rd to #23591 Westminster Hwy Road Construction
Addendum No. 1

This Addendum includes items of clarification, forms part of the Contract Documents and shall be read, interpreted and coordinated with all other parts. Please review and consider the following information in the preparation of your Submissions:

I. FORM OF TENDER

Appendix 1 – SCHEDULE OF QUANTITIES AND PRICES

Delete pages B-11 and B-12 and replace with pages B-11, R-1 and B-12, R-1 attached to this addendum.

II. CONTRACT DRAWINGS

1. Drawing Oc-1069, Sheet 1 of 2

Delete note that says: Proposed Allan block retaining wall (4') c/w 1.2 m handrail inside of wall. See MMCD std. dwg. C14 for handrail type and C13 for "in earth" installation.

And replace with: Proposed Allan block retaining wall c/w 1.2 m handrail inside of wall. See MMCD std. dwg. C14 for handrail type and "embedded mounting" installation.

2. Drawing 3554-08-0A, Sheet 1 of 1

Delete note that says: 11.25° radius bends c/w thrust block.

And replace with: 11.25° radius bends. All joints are to be fully restrained.

Delete note that says: Compacted sand backfill.

And replace with: MMCD compliant 75 mm minus, well graded, crushed sand and gravel.

Add note: For the proposed 150 mm sanitary forcemain the trench zone shall consists of MMCD compliant 19 mm minus as per MMCD drawing no. G4.

3. Drawing 3554-08-0A, Sheet 1 of 1 in Sanitary Forcemain Notes:

Delete note that says: 7. Thrust blocks minimum 0.2 m² bearing area (0.45 m x 0.45 m x 0.30 m thick)

And replace with: 7. All joints are to be fully restrained.

4. Drawing Oc-1073, Sheet 6 of 6

Delete note that says: 100 mm topsoil and sod.

And replace with: 100 mm topsoil and hydro seeding.

5. Drawing 12-5814-G3

Add note under 3.0 Materials: c. For the proposed 150 mm sanitary forcemain the trench zone shall consists of MMCD compliant 19 mm minus as per MMCD drawing no. G4.

III. MEASUREMENT OF PAYMENT OF WORK

1. Item D-1 Supply and Install 150 mm diameter PVC Sanitary Forcemain

Delete the entire description and replace with:

Payment for this item will be made at the lump sum tendered as shown on the Schedule of Quantities and Prices for the supply and installation of the pipe to the depth as specified in the Contract Documents and Drawings.

The lump sum price tendered shall include but not be limited to all excavation; survey layout; traffic control; the disposal of all excavated materials; the supply and installation of the pipe, restraints, fittings and caps; imported backfill; bypass set-up if required; tie-ins to existing mainline; compaction and surface restoration; cleaning, flushing, pressure testing and all other materials, labour and equipment to complete the works as specified in the Contract Documents and Drawings.

The lump sum price tendered shall also include but not be limited to plugging the ends of the abandoned forcemain, dewatering and shoring as required, supplying and installation of corrosion protection on all buried metal items, temporary pumping and disposal of wastewater effluent from the existing forcemain where required. Disposal method of wastewater effluent to be approved by Contract Administrator prior to commencement of the tie-in works.

2. Item E-1 Supply and Install Allan Block Retaining Wall

Delete the first and second paragraph and replace with:

Payment for this item will be made at the unit price tendered per square metre face as shown on the Schedule of Quantities and Prices.

The unit price tendered shall include but not be limited to the excavation, survey layout; traffic control, the disposal of all excavated materials, imported backfill, the supply and installation of an Allan Block retaining wall and any other materials, equipment and labour required to complete the work as shown on Contract Documents and Drawings.

3. Add Item E-4 Tree Removal (Optional)

Should the owner elect to do *Optional Work*, payment for this item will be made at the unit price tendered as shown on the Schedule of Quantities and Prices.

The unit price tendered shall include but not limited to removal and disposal of all branches, stumps, timber and vegetation remains to the satisfaction of the Contract Administrator and in accordance with all regulatory agency and environmental requirements.

Measurement will be made for each tree removed.

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

Q1. Can this tender be made available in excel format please?

A1. *The tender will not provided in an excel format at this time.*

Q2. Why do you require a Gantt chart? This project is so small that a software schedule is extraordinary.

A2. *Although the project is small, a detailed schedule is still a valuable tool for staff. The Contractor can choose to use Appendix 2 in the tender form.*

Q3. If we are responsible for legal survey reinstatement, please provide survey data so that we can determine what the costs will be, if any.

A3. *The Contractor shall determine if there is any legal survey reinstatement required.*

Q4. Can the subbase material for this project be river sand per your supplemental?

A4. *Yes, river sand may be used as a subbase material, as per City Supplementary Specifications Section 31 05 17 2.5.2.*

Q5. There is no unit for variable depth asphalt required at the driveways.

A5. *The Contractor shall allow for variable depth asphalt required at the driveways in their unit rate for driveway tie-ins.*

Q6. There is no unit for milling or for 40mm asphalt.

A6. *Asphalt milling is included under the pay item Supply and Install Asphalt Pavement in Measurement of and Payment for Work.*

Q7. What is the length required for the 75 mm communications duct running south from Gilley to McLean?

- A7. ***The 75 mm communications conduit and conductors running south from Gilley Rd to McLean Rd is existing and does not need to be replaced.***
- Q8. What are the restrictions for the forcemain tie in? Does this work have to be done at night? What are the flows that need to be handled? Are the flows constant or are there times when it is not pumping and that a tie in could be scheduled?
- A8. ***The Fraser pump station (upstream pump station) can be turned off during the day for a maximum of 4 hours. If the Contractor requires the station to be turned off longer than 4 hours, a vacuum truck must be provided to lower the levels at the station. A dump site will be provided for the vacuum truck if required. The Contractor shall install a mechanism to prevent backflow from the system downstream.***
- Q9. Is there a scheduled site visit?
- A9. ***No, there is no scheduled site visit at this time.***
- Q10. Are all the asphalt items (Upper course and lower course) to be done at the same time, one after the other? Or are they going to be done at separate times and needing two mobilizations?
- A10. ***For this particular project, the typical settlement period will be waived because the widened roadway will be mainly for cyclist use. The upper course and lower course asphalt may be done without a settlement period.***

Yours truly,

Julia Turick
Buyer 2

FOR:
Pratima Cheung
Project Manager

City of Richmond	B-11
Contract T.4992	
Roadway Construction – Westminster Hwy from Gilley Rd to #23591 Westminster Hwy	R-1

T. 4992 Roadway Construction					
Westminster Hwy and Gilley Rd Intersection Improvements					
SCHEDULE OF QUANTITIES AND PRICES					
ITEM NO.	DESCRIPTION	UNIT	EST. QTYS.	UNIT PRICE (\$)	TOTAL AMT. (\$)
B-8	Supply and install asphalt pavement				
	a) Roadway (50mm UC#1)	sq.m.	100		
	b) Roadway (100mm LC#2)	sq.m.	85		
	c) Walkway (50mm UC#2)	sq.m.	260		
	d) Walkway (35mm UC#2)	sq.m.	240		
B-9	Supply and install hand rails as per MMCD 32 31 13	lin.m	89		
B-10	Supply and install top soil and finish grading (incl. slope fill material as required)	sq.m.	100		
B-11	Supply and install hydraulic seeding	sq.m.	100		
B-12	Supply and install pavement markings (thermoplastic) incl. paint line eradication	L.S.	1		
B-13	Supply and install new signage and relocate existing signs as required	L.S.	1		
B-14	Supply and placement of preload	L.S.	1		
TOTAL FOR ROADWORKS – ITEM B (Excluding G.S.T.)					
(Carry forward to Summary of Schedule of Quantities and Prices)					

T. 4992 Roadway Construction					
Westminster Hwy and Gilley Rd Intersection Improvements					
SCHEDULE OF QUANTITIES AND PRICES					
ITEM NO.	DESCRIPTION	UNIT	EST. QTYS.	UNIT PRICE (\$)	TOTAL AMT. (\$)
C	ELECTRICAL				
C-1	Traffic signal modifications and improvements	L.S.	1		
TOTAL FOR ELECTRICAL WORKS – ITEM C (Excluding G.S.T.)					
(Carry forward to Summary of Schedule of Quantities and Prices)					

City of Richmond	B-12
Contract T.4992	
Roadway Construction – Westminster Hwy from Gilley Rd to #23591 Westminster Hwy	R-1

T. 4992 Roadway Construction Westminster Hwy and Gilley Rd Intersection Improvements SCHEDULE OF QUANTITIES AND PRICES					
ITEM NO.	DESCRIPTION	UNIT	EST. QTYS.	UNIT PRICE (\$)	TOTAL AMT. (\$)
D	SANITARY/STORM WORKS				
D-1	Supply and install 150mm dia. PVC sanitary forcemain	L.S.	1		
D-2	Supply and install 150mm dia. PVC drainage lateral	lin.m.	7		
D-3	Supply and install standard top inlet catch basin	each	2		
D-4	Relocate existing lawn basin	each	1		
TOTAL FOR SANITARY/STORM – ITEM D (Excluding G.S.T.) (Carry forward to Summary of Schedule of Quantities and Prices)					

T. 4992 Roadway Construction Westminster Hwy and Gilley Rd Intersection Improvements SCHEDULE OF QUANTITIES AND PRICES					
ITEM NO.	DESCRIPTION	UNIT	EST. QTYS.	UNIT PRICE (\$)	TOTAL AMT. (\$)
E	MISCELLANEOUS				
E-1	Supply and install Allan block Retaining Wall (incl. geogrid, backfill and base)	sq.m.	50		
E-2	Relocate existing Jersey Barrier	L.S.	1		
E-3	Remove existing Jersey Barrier	L.S.	1		
E-4	Tree Removal (OPTIONAL)	ea.	1		
TOTAL FOR MISCELLANEOUS – ITEM E (Excluding G.S.T.) (Carry forward to Summary of Schedule of Quantities and Prices)					