



# City of Richmond

November 12, 2013  
File: 10-6340-20-P.11201/Vol 01

**Engineering**  
Telephone: 604-276-4289  
Fax: 604-276-4197

TO THOSE WHO HAVE RECEIVED COPIES OF T.4809

Dear Sir/Madam:

**Re: Contract T.4809  
Addendum No. 1  
No.6 Road Widening – Westminster Hwy to Commerce Parkway**

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.**

## **1. SECTION B - FORM OF TENDER, APPENDIX 1 – SCHEDULE OF QUANTITIES AND PRICES**

- .1 Item C-6 - Install Type 1a I.C's for Allen block Wall and Connect to Storm Sewer *is amended as follows:*  
*Revise pay item description to: Install Type 1a I.C's for Allan block Wall  
and change unit from: Lump Sum to Each with an estimated quantity of 3*
- .2 *Add the following pay item:*  
Item C-11 – Storm Connection for Allan Block Wall Toe Drain
- .3 Item D-6 - Special Crosswalk at International Place Including Communications Cable As Noted On Contract Drawings *is amended as follows:*  
*Revise pay item description to: Special Crosswalk at International Place*
- .4 Item E-8 - Repair/Replace Existing Private Irrigation (Provisional) *is amended as follows:*  
*Add a unit price of: \$4,000.00.*
- .5 A Revised Schedule of Quantities and Prices for Pay Item C, D and E is attached to this addendum

**2. SECTION B - FORM OF TENDER**

- .1 An electronic copy of the Schedule of Quantities and Prices (page B-8 to B-13) can be provided upon request in excel format. Please note that the City is not responsible for formulas or values entered in the cells and it is up to the Contactor to ensure that all pay items, unit rates, etc... are correct.

Forward requests via email to Mile Racic ([mracic@richmond.ca](mailto:mracic@richmond.ca))

**3. SECTION D - SUPPLEMENTARY SPECIFICATIONS (SSP)**

- .1 SSP 4 – Contract Time (pg. D-7):

*Revise the substantial completion date from:* January 31, 2014 to **February 28, 2014**

*Add the following paragraph at the end:*

The No.6 Rd Widening Project is 50 percent grant funded by the Asia Pacific Gateway Corridor Initiative Transportation Infrastructure Fund (APGCTIF). The Contractor must reach Substantial Completion and submit all invoicing to the City by February 28, 2014 for the City to meet the submission deadlines. The City will not consider any claims after February 28, 2014. **Failure to meet the specified deadlines as a result of the Contractors negligent performance may result in the City claiming any potential loss associated with grant funding.**

- .2 SSP 5 – As Constructed Information (pg. D-7):

*Change the value from:* ten thousand dollars (\$10,000) *to* five thousand dollars (\$5,000).

- .3 Delete SSP 20 – Hours of Work(pg. D-13 to14) and replace with the following:

Hours of Work	SSP 20	The <i>Contractor</i> shall schedule the performance of the Work, between the hours of 0700 and 2000 hours, Monday through Sunday. No work will be permitted at times outside the hours noted above except by special permission of the Contract Administrator.
---------------	--------	---

If the *Contractor* schedules his work outside the above noted *Working Hours*, the *Contractor* will be required to pay for the Site Inspectors in accordance with City rates of overtime given below.

For the purposes of calculating the value of the monies which will be deducted from payments to the *Contractor* for overtime hours worked by City employees performing the duties of Site Inspectors, the following rates, in Canadian Dollars, will apply:

Inspector	\$100.00
Surveyor	\$95.00



## 5. CONTRACT DRAWINGS

- .1 Drawing Oc-1065, Sheet 3 of 5, Typical Road Widening Detail (top right corner), for the sub-base comment under the road:

*Delete:* “650mm SELECT GRANULAR SUB BASE OR 455mm CRUSHED GRANULAR SUB BASE”

*And replace with:* “455mm CRUSHED GRANULAR SUB BASE”

- .2 Drawing Oc-1065, Sheet 3 of 5, Typical Road Widening Detail (top right corner), for the sub-base comment under the curb:

*Delete:* “150mm GRANULAR SUB-BASE” *under the curb*

*And replace with:* “370mm CRUSHED GRANULAR SUB BASE”

- .3 Drawing Oc-1065, Sheet 3 of 5, Typical Section at Ditch Infill (centre):

*Change the topsoil note from* “100mm TOPSOIL” *to* “150mm TOPSOIL AND HYDROSEED”

- .4 Drawing Oc-1065, Sheet 3 of 5, Typical Section at Ditch Infill (centre):

*Change the storm sewer offset dimension from* “1.71m” *to* “1.12m”

- .5 Drawing Oc-1065, Sheet 3 of 5, Typical Section at Ditch Infill (centre):

*Delete:* “75mm MINUS PIT RUN SAND AND GRAVEL SUBGRADE FILL”

*And replace with:* “Select Granular Sub-base (MMCD Section 31 05 17 Item 2.8)”

- .6 Drawing Lc-1201, Sheet 1 of 2, Utility Trench:

*Delete:* “75mm MINUS PIT RUN SAND AND GRAVEL BACKFILL COMPACTED TO 95% MODIFIED PROCTOR DENSITY TO TOP OF SUBGRADE”

*And replace with:* “Select Granular Sub-base (MMCD Section 31 05 17 Item 2.8)”

## 6. QUESTIONS RECEIVED FROM CONTRACTOR & SUBSEQUENT ANSWERS

1. Q: Will a full lane mill and pave be required from stn 1+186.83 to stn 1+660.0, as per Richmond road cut policy, and if so, will an addendum be issued to make this a contract pay item?  
A: Richmond road cut policy will not apply to this Contract. A final mill and overlay of the entire road from Westminster Hwy to Commerce Parkway will be completed this summer under the City’s annual capital paving program.
2. Q: Pay item D-6-...”including Communication Cable as noted on the drawings.”

Question. The notes I see on the drawings say the communication cable is existing within the 50mm Conduit. Are we supposed to replace that cable, install new cable in existing conduit, or is the pay item wrong

A: See revised pay item description under 1.3 in this addendum. The City will install the conductors for the specialized crosswalk.

3. Q: Is the headwall an outlet or inlet?

A: The Series 7 Pro-Ecolite headwall will require an inlet screen.

4. Q: Why are there three bid items for clearing? B-1, C-1, E-1. Presumably, they could be amalgamated into one lump sum item.

A: Items B and C are separating roads and storm related items; item E is an optional item.

5. Q: Why are we responsible for legal survey replacement when the City does not provide legal data to quantify the liability?

A: Removal of existing legal pins that are unavoidable due to the design will be paid on a change order basis. Willful removal of legal pins by the Contractor will be replaced by the Contractor. Property pins pick-up by survey for the design are shown on the Contract drawings.

6. Q: What are the alternate products for the storm that are acceptable; concrete, Boss 2000, Hancor, ultrarib,....?

A: The pipe shown on the Contract drawings was selected for its outside diameter of 817mm due to the narrow width available between the existing BC Hydro poles and property line. The City will consider similar pipe products that meet the same maximum O.D. and City specifications.

7. Q: How will the Contractor get paid to supply and place the 3" Pit Run Sub-Grade Fill?

A: The 75mm minus pit run sand and gravel backfill will be paid under pat item C-2 "Supply and Install Storm Sewer Pipe".

8. Q: If we decide to use 8" of granular bedding, do we still have to wrap with filter cloth?

A: If the Contractor chooses to use 188mm of granular pipe bedding then filter cloth will not be required.

9. Q: The detail for ditch infill  $\frac{4}{2}$  calls for 75mm minus pit run sand gravel. Can river sand be used for subbase and backfilling of storm? If not, which MMCD gravel specification do you require 2.3, 2.8 or 2.9?

A: River sand cannot be used for sub-base and/or backfilling of storm. Road sub-base material to be as per 5.2 of this addendum. See 5.5 & 5.6 of this addendum for gravel specification.

10. Q: When is the City awarding this job to the low bidder?

A: Notice of Award will be per Section 4.9 in the Instructions to Tenders Part 1.

Sincerely,

Mile Racic  
*Engineering & Public Works*

Tenderer's Initial \_\_\_\_\_

**T. 4809 – No. 6 Road Widening – Westminster Highway to Commerce Parkway**  
**SCHEDULE OF QUANTITIES AND PRICES**

ITEM NO.	DESCRIPTION	UNIT	EST. QTYS.	UNIT PRICE (\$)	TOTAL AMT. (\$)
<b>C</b>	<b>Storm Sewer</b>				
C-1	Clear & Grub Existing Ditch Including Shrub And Tree Removal	L.S.	1		
C-2	Supply and Install Storm Sewer Pipe				
a)	750mm Diameter	Lin.m	152		
b)	900mm Diameter	Lin.m	2.5		
C-3	Over-Excavation (Provisional Item)	Cu.m	150		
C-4	Manholes				
a)	1500mm Diameter Manhole, C/W Sump	Each	1		
b)	1350mm Diameter Manhole	Each	2		
c)	1350mm Diameter Manhole, C/W Sump	Each	1		
C-5	Catch Basins/Inspection Chambers				
a)	Single Catch Basin C/W Lead	Each	2		
b)	Double Catch Basin C/W Lead	Each	4		
c)	Type 1a Inspection Chamber C/W Lead (East Side)	Each	9		
C-6	Install Type 1a I.C's For Allen Block Wall	Each	3		
C-7	Pro-Eco-Lite Headwall	L.S.	1		
C-8	Deltalok Bag Retaining System	Sq.m	60		
C-9	Replace Existing Connection to PL				
a)	200mm Connection	Each	1		
b)	400mm Connection	Each	1		
c)	600mm Connection	Each	1		
C-10	Cap Existing 300mm Connection	Each	1		
C-11	Storm Connection for Allan Block Wall Toe Drain	L.S.	1		
<b>Total for Storm Sewer – Item C (Excluding G.S.T.)</b> <b>(Carry Forward To Summary Of Schedule Of Quantities And Prices)</b>					

<b>T. 4809 – No. 6 Road Widening – Westminster Highway to Commerce Parkway</b>					
<b>SCHEDULE OF QUANTITIES AND PRICES</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>EST. QTYS.</b>	<b>UNIT PRICE (\$)</b>	<b>TOTAL AMT. (\$)</b>
<b>D</b>	<b>Street Lighting and Traffic Items</b>				
D-1	Supply and Install 50mm Rigid PVC Conduit	Lin.m	480		
D-2	Supply and Install Concrete Street Light Bases:				
a)	S5 Base	Each	4		
b)	P1 Base	Each	7		
D-3	Install Pole and/or Luminaire. Includes Supply and Install Fuse and Wiring from Pole Base to Luminaire				
a)	Install New Street Light (Note: Pole And Luminaire To Be Supplied By The City.)	Each	7		
b)	Relocate Street Light (Note: Luminaire To Be Supplied By The City.)	Each	4		
c)	Install New Luminaire On Existing Street Light Or Traffic Light (Note: Luminaire To Be Supplied By The City.)	Each	12		
D-4	Supply and Install Feeder Wiring between Poles, Distribution Bases, Service Points and Junction Boxes, Including Connections:				
a)	2 No.6 RW90 Feeders & 1 No.8 RW90 Bond In New Conduit	Lin. m	71		
b)	3 No.6 RW90 Feeders & 1 No.8 RW90 Bond In New Conduit	Lin. m	325		
c)	Replace 2 No.6 RW90 Feeders & 1 No.8 RW90 Bond In Existing Conduit	Lin. m	90		
d)	Replace 3 No.6 RW90 Feeders & 1 No.8 RW90 Bond In Existing Conduit	Lin. m	750		
D-5	Supply and Install No. 37 Junction Box C/W Steel Lid.	Each	1		
D-6	Special Crosswalk at International Place.	L.S.	1		
<b>Total for Street Lighting and Traffic Items – Item D (Excluding G.S.T.)                      (Carry Forward To Summary Of Schedule Of Quantities And Prices)</b>					

<b>T. 4809 – No. 6 Road Widening – Westminster Highway to Commerce Parkway</b>					
<b>SCHEDULE OF QUANTITIES AND PRICES</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>EST. QTYS.</b>	<b>UNIT PRICE (\$)</b>	<b>TOTAL AMT. (\$)</b>
<b>E</b>	<b>MISCELLANEOUS ITEMS</b>				
E-1	Tree Removal(Optional Item)	Each	3		
E-2	Regrade Boulevard (West Side)	Sq.m	650		
E-3	Topsoil & Sod (West Side)	Sq.m	650		
E-4	Topsoil & Hydro Seeding (East Side)	Sq.m	1100		
E-5	Replace Bark Mulch Path	Sq.m	200		
E-6	MMCD C14 Guardrail	Lin.m	17		
E-7	Dashed White Lane Line	Lin.m	460		
E-8	Repair/Replace Existing Private Irrigation (Provisional)	L.S.	1	\$4,000.00	\$4,000.00
<b>TOTAL FOR MISCELLANEOUS ITEMS – ITEM E (Excluding G.S.T.)</b> <b>(Carry forward to Summary of Schedule of Quantities and Prices)</b>					