



# NEW WESTMINSTER

August 2, 2013

**ADDENDUM #4  
NWIT-13-17  
4<sup>th</sup> Street Pedestrian Overpass  
New Westminster, BC**

This addendum modifies the Invitation to Tender only as noted:

**BID FORM**

<DELETE> Original Bid Form included in Invitation to Tender and <REPLACE WITH> Bid Form Revised August 1, 2013 (9 pages following)

**ADDITIONAL INFORMATION**

**Please see Tender Addendum 4 from Associated Engineering (2 pages following)**

Please acknowledge this addendum on page 8 of 9 in the Bid Form.

**END OF ADDENDUM #4**

Yours truly,

Heather M. Rossi  
Intermediate Buyer  
email: [hrossi@newwestcity.ca](mailto:hrossi@newwestcity.ca)

**1.0 PROJECT**

Title: **4th Street Pedestrian Overpass**

Location: 4th Street and Front Street, New Westminister, BC

**2.0 BIDDER**

Name: \_\_\_\_\_  
(Hereinafter referred to as the "Bidder")

Address: \_\_\_\_\_  
(including postal code)

Contact Name: \_\_\_\_\_

Telephone No: \_\_\_\_\_

Facsimile No: \_\_\_\_\_

Email Address: \_\_\_\_\_

**3.0 OWNER**

The Owner is the City of New Westminister, 511 Royal Avenue, New Westminister, BC, V3L 1H9, hereinafter referred to as the "City".

**4.0 OFFER**

4.1 The Bidder, having examined the Bid Documents and having gained full knowledge of the scope, character and location of the work and having become familiar with the local conditions, hereby offers to the City to execute the Work for the above named project in accordance with the Bid Documents for the amount of:

\_\_\_\_\_ dollars

(\$ \_\_\_\_\_), the contract price, which price shall be subject to adjustments as may be provided in the Tender Documents. The contract price **excludes** the Goods and Services Tax (GST).

4.2 The Contractor acknowledges that the City may, prior to contract award, negotiate changes to the scope of work with the low bidder or any one or more bidders without having any duty or obligation to advise any other bidders or to allow them to vary their bid prices due to changes to the scope of work.

**5.0 PRICE BREAKDOWN**

5.1 The Total Base Bid (Offer) shown in 4.1 Offer (above) shall be the total of the amounts inserted for items listed below within the Base Bid category. Each of these amounts shall truly represent the value of the work proportionate to the Total Base Bid.

- 5.2 Base Bid breakdown prices and unit prices shall be based on descriptions and units as described in the specifications and drawings, and shall be all found, including the proportionate amount of General Requirements, overhead and profit.
- 5.3 The Owner reserves the right to award a contract for all or part of the work based on the Total Base Bid plus the totalled prices for Options and Unit Price Work that the Owner elects to add or remove from the Contract.

<b>Item</b>	<b>Description (and Payment Clause)</b>	<b>Price Breakdown</b>
<b>Base Bid</b>		
<b>1.0</b>	<b>General</b>	
1.1	Mobilization / De-mobilization (01 53 00 – 1.2)	\$
1.2	Traffic Control, Vehicle Access & Parking (01 55 00 – 1.5)	\$
1.3	Railway Property Protection & Control (01 56 00 – 1.4)	\$
<b>2.0</b>	<b>Foundations</b>	
2.1	De-construction and Re-instatement of Deltalok Wall at Interface with Foundations (02 45 01 – 1.1.1)	\$
2.2	Foundation Excavation and Backfill (02 45 01 – 1.1.2)	\$
2.3	Piling Mobilization / De-mobilization (02 45 01 – 1.1.3)	\$
2.4	Supply and Install $\phi$ 914 x 15.9 Piles (02 45 01 – 1.1.4)	\$
2.5	Reinforced Concrete Filling of $\phi$ 914 x 15.9 Piles (02 45 01 – 1.1.5)	\$
<b>3.0</b>	<b>Structural Steel</b>	
3.1	Construct Tower Concrete-Filled Columns, Bracing and Deck Framing Girders (05 12 23 – 1.3 & 03 30 54 – 1.3.3)	\$
3.2	Construct Pylons, including Cable Anchorages (05 12 23 – 1.3)	\$

Item	Description (and Payment Clause)	Price Breakdown
<b>Base Bid</b>		
3.3	Construct Overpass Deck Framing Girders, Outriggers and Hinged Ramp (05 12 23 – 1.3)	\$
3.4	Construct Staircase Column and Framing Girders (05 12 23 – 1.3)	\$
3.5	Construct Existing Parkade Fencing Support Girder Framing, including anchorages (05 12 23 – 1.3)	\$
3.6	Construct Elevator Structural Framing (05 12 23 – 1.3)	\$
3.7	Dywidag Tempcore Threadbar 40T Stay System (05 99 09 – 1.4.1)	\$
<b>4.0</b>	<b>Concrete</b>	
4.1	Supply and Install Precast Deck Stay-in-Place Forms (03 41 01 – 1.6.1)	\$
4.2	Supply and Install Precast Concrete Staircase Treads, including all inserts and nosing strip (03 48 23 – 1.6.1)	\$
4.3	Construct Tower Concrete Pilecap and Screen Wall (03 30 54 – 1.3.2)	\$
4.4	Construct Tower Concrete Bridge Deck (03 30 55 – 1.3.1)	\$
4.5	Construct Overpass Concrete Bridge Deck (03 30 55 – 1.3.2)	\$
4.6	Construct Staircase Concrete Footing (03 30 54 – 1.3.5)	\$
4.7	Construct Staircase Concrete Landings (03 30 54 – 1.3.5)	\$
4.8	Existing Parkade Concrete Cantilever Partial Demolition (03 30 54 – 1.3.7)	\$
4.9	Existing Parkade Concrete Cantilever Retrofit (03 30 55 – 1.3.3)	\$

Item	Description (and Payment Clause)	Price Breakdown
<b>Base Bid</b>		
<b>5.0</b>	<b>Railings &amp; Fencing</b> (Hts above deck level)	
5.1	Supply and Install Tower Platform 1.22 m High Railing (05 12 23 – 1.3.4)	\$
5.2	Supply and Install Staircase 1.07 m High Railing (05 12 23 – 1.3.5)	\$
5.3	Supply and Install Overpass 3.19 m High Fencing (05 12 23 – 1.3.6)	\$
5.3	Remove and Dispose Existing Parkade Fencing and associated supports over replacement zone (05 12 23 – 1.3.7)	\$
5.4	Supply and Install Existing Parkade 1.83 m High Fencing (05 12 23 – 1.3.8)	\$
<b>6.0</b>	<b>Enclosures</b>	
6.1	Elevator and Canopy Structural Glazed Assembly (08 44 30 – 1.10.1)	\$
6.2	Elevator Enclosure Finishing (08 44 30 – 1.10.2)	\$
6.3	Glass Enclosure of Curb Trench Lighting (08 44 30 – 1.10.2)	\$
<b>7.0</b>	<b>Conveying Equipment</b>	
7.1	Machine Room-Less (MRL) Traction Passenger Electric Elevator (14 21 23 – 1.10.1)	\$
<b>8.0</b>	<b>Electrical</b>	
8.1	Structure Type A Lighting System (26 00 10 – 1.32.1)	\$
8.2	Pole Mounted Type B Luminaire System (26 00 10 – 1.32.2)	\$
8.3	Curb Trench Type C Lighting System (26 00 10 – 1.32.3)	\$

Item	Description (and Payment Clause)	Price Breakdown
<b>Base Bid</b>		
8.4	Elevator Lighting and Power Supply System (26 00 10 – 1.32.4)	\$
8.5	Elevator Ancillary Systems (26 00 10 – 1.32.5)	\$
8.6	Electrical Enclosure Cabinet (26 00 10 – 1.32.6)	\$
8.7	Tie-in of New Electrical systems to Existing Concession Building Electrical Room (26 00 10 – 1.32.7)	\$
<b>9.0</b>	<b>Landscaping</b>	
9.1	Modify, Supply and Install Hard Landscaping (32 15 40 – 1.9.1)	\$
9.2	Modify and Construct New Integrated Concrete Paving within area labelled “Extent of Work” on Landscaping Drawing (32 13 13 – 1.10.1)	\$
9.3	Modify, Supply and Install Soft Landscaping (32 93 10 – 1.13.1)	\$
<b>10.0</b>	<b>Miscellaneous</b>	
10.1	Supply and Install Overpass Deck Drainage and Pilecap Pit Drainage Systems (05 50 01 – 1.3.2)	\$
	<b>Subtotal</b>	\$
	<b>TOTAL BASE BID (EXCLUDING GST)</b>	\$
	GOODS AND SERVICES TAX (GST)	\$
	<b>TOTAL LUMP SUM BASE BID</b>	\$

**6.0 ALTERNATE PRICES**

- 6.1 Separate Price (item 6.2.1) is **not to be included** in the Offer amount shown in 4.1 above.
- 6.2 Alternate Price is to include all work as described in the drawings and specifications and associated work and costs necessary to complete the work as described. The Alternate Price shall represent the difference between the base bid work and the Alternate Price work, shown as added or deducted from the Offer required in 4.1 above. Alternate Price is **not** to include GST.

Item	Description (and Payment Clause)	Add or Deduct
6.2.1	Replace overpass and parkade fencing stainless steel mesh panels and supporting stainless steel frames, with pre-galvanized steel mesh panels and supporting hot-dipped galvanized steel frames, in accordance with project specifications. (32 31 20 – 1.4.1 & 32 31 21 – 1.4.1)	\$

**7.0 UNIT PRICES**

- 7.1 Separate Prices (items 7.3.1 to 7.3.2 below) are **not to be included** in the Offer amount shown in 4.1 above.
- 7.2 Unit Prices are to include all work as described and associated work and costs necessary to complete the work as described. Unit Prices are **not** to include GST.
- 7.3 The City may use the Unit Prices to add work to or delete work from the Contract.
- 7.4 The Bidder offers to provide the following materials and labour for extra work as authorized by the City for the following unit rates.

Item	Description (and Payment Clause)	Rate per Unit
7.3.1	Extra-over for Supply and Installation of $\phi$ 914 x 15.9 Piles (Units: m) (02 45 01 – 1.1.6)	\$
7.3.2	Heating and hoarding for deck concrete (Units: Lump Sum) (03 30 54 – 1.3.4)	\$
7.3.3	Modify and Construct New Integrated Concrete Paving outside area labelled “Extent of Work” on Landscaping Drawing (32 13 13 – 1.10.2)	\$

**8.0 FORCE ACCOUNT WORK RATES**

8.1 The Bidder offers to provide the following equipment and labour for additional work as authorized by the City for the following unit rates:

8.2 These rates shall be all found and shall include all profit and overhead.

	<b>Equipment Type</b>		<b>Rate (all found)</b>
.1	Pickup Truck	\$	/hour
.2	Tandem Axle Dump	\$	/hour
.3	Tandem & Trailer	\$	/hour
.3	Single Axle Dump	\$	/hour
.4	Rubber Tire Backhoe	\$	/hour
.5	Bobcat	\$	/hour
	<b>Labour Classification</b>		<b>Rate per Hour (all found)</b>
.6	Foreman	\$	/hour
.7	Equipment Operator	\$	/hour
.8	Labourer	\$	/hour
.9	Flag person	\$	/hour
.10	Grade person	\$	/hour
.11	Concrete Finisher	\$	/hour
.12	Carpenter	\$	/hour
.13	Other (detail):	\$	/hour
.14	Other (detail)	\$	/hour

**9.0 ADJUSTMENTS TO CONTRACT PRICE**

9.1 The Contractor further offers to carry out any changes to the work authorized by the City and to be compensated as provided in the General Conditions.

**10.0 SCHEDULE**

10.1 The Contractor offers to commence the Work and to achieve substantial performance of the Work in a manner acceptable to the City within \_\_\_\_\_ days from the date of the Notice to Proceed.

10.2 The City requires the Work to be substantially complete, in a manner acceptable to the City, by **March 14, 2014**.



10.3 Failure to commence or complete the Work within the time stated may result in cancellation of the contract and completion of the Work by others.

**11.0 ADDENDA**

11.1 Any addenda issued by the City shall become part of the Bid Documents.

11.2 The Contractor acknowledges receipt of the following addenda and confirms that the Bid has been prepared in accordance therewith:

<u>Addendum No.</u>	<u>Dated</u>	<u>No. of Pages</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**12.0 SUBCONTRACTORS**

12.1 The Contractor confirms that following is a list of all the subcontractors who will be employed for the Work. No other subcontractors will be employed unless prior written approval is received from the City.

<u>Name of Subcontractor</u>	<u>Item of Work</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**13.0 CONTRACTOR NUMBERS**

13.1 Contractor's WorkSafe BC Firm Number is \_\_\_\_\_

13.2 Contractor's City of New Westminister Business License Number is \_\_\_\_\_  
(to be obtained before contract award)

**14.0 REFERENCES Note: Failure to complete this section may result in disqualification.**

14.1 Bidders shall provide sources for three (3) references (companies for whom work of a similar nature was done in the past five (5) years, including the City of New Westminster).

1 Company Name: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone: \_\_\_\_\_

Nature of Contract: \_\_\_\_\_

Project Date: \_\_\_\_\_ Approximate Value: \_\_\_\_\_

2 Company Name: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone: \_\_\_\_\_

Nature of Contract: \_\_\_\_\_

Project Date: \_\_\_\_\_ Approximate Value: \_\_\_\_\_

3 Company Name: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone: \_\_\_\_\_

Nature of Contract: \_\_\_\_\_

Project Date: \_\_\_\_\_ Approximate Value: \_\_\_\_\_

**15.0 ACCEPTANCE**

15.1 Acceptance of this offer by the City will be made by the issuance of a Letter of Award.

**16.0 SIGNATURES**

SIGNED, SEALED, AND DELIVERED by the Contractor:

\_\_\_\_\_  
(Contractor's Name)

\_\_\_\_\_  
(Legal Signing Authority)

(Corporate Seal)

\_\_\_\_\_  
(Print Name and Title)

\_\_\_\_\_  
(Date)

**End of Bid Form**



Date: July 31, 2013 File: 20132297

To: Keith Whiteley, A.Sc.T.

From: Craig Schaper, P.Eng.

Project: 4th St Ped Overpass

Subject: Tender Addendum 4

## MEMO

This Addendum forms part of the Bid Documents and amends the original Contract Requirements, Specifications, and Drawings.

1. Revised Bid Form including the following revisions:

- Re-wording of bid item 9.2 to define extent of work for the new integrated concrete paving.
- Additional Unit Price Bid Item 7.3.3 added for any additional new integrated concrete paving.
- Date of Substantial Performance of Work is revised.

2. Additional payment clause 10.9.2 in Specification Section 31 13 13 as follows:

“Payment for Modify and Construct New Integrated Concrete Paving outside area labelled “Extent of Work” on Landscaping Drawing shall be made at the Unit Price bid. All materials and work required under this section, Section 31 22 13, Section 31 23 10 and other related sections to be included in the Unit Price bid. In relation to these specification sections, the Unit Price shall include the cost of the following landscaping Work Items:

- .1 Removal and disposal off-site of existing concrete paving in area specified in the Consultant’s field instruction.
- .2 Construct new integral coloured concrete paving to match existing, including grade preparation as required, and including saw-cut pattern to match existing.

3. Responses to Queries:

Q1. Will the new fire alarm system be monitored and does it have annunciators?

R1. No annunciators or annunciator panel is required. However, the fire alarm system will be linked to the telephone system, which will allow the City to have the system monitored.

Q2. Please clarify the number of Type A fixtures – 8 or 10?

R2. 10 Type A fixtures are required. This includes four Type A fixtures on the soffit of the viewing platform.

Q3. Can an alternative twin-post hole-less hydraulic elevator by Richmond Elevator be proposed, which will need an 80 sq.ft. machine room.

R3. This is not an equivalent to the machine room-less elevator specified. The bid assessment will be based





Memo To: Keith Whiteley, A.Sc.T.

July 31, 2013

- 2 -

on the specified Otis MRL elevator or approved equal.

- Q4. Referring to DWG 2297-119 Section B, the frame angle L64x51x7.9 is shown as GR 316 stainless steel. Are PL 6.4x38 and FB 3x38 in the same section also stainless steel? Also please confirm the coatings for the stanchions and the mesh?
- R4. Yes, we confirm that PL 6.4x38 and FB 3x38 on the stainless steel fencing frame are required to be stainless steel. The mesh is required to be stainless steel in accordance with Specification Section 32 31 20. The stanchions are hot-dip galvanized. Please also note that Alternate Bid Price Item 6.2.1 refers to an alternative with a galvanized frame and pre-galvanized steel mesh in accordance with Specification Section 32 31 21.
- Q5. Please can you provide the existing RAL color code for the Type B fixtures?
- R5. The colour of the existing fixtures for colour matching purposes will be made available to the Contractor after the contract award.
- Q6. Does the color of the new electrical kiosk also need to match the color of the existing fixtures?
- R6. Yes, the new kiosk is required to be painted with a matching colour to the existing fixtures.
- Q7. Re: Structural Piling Details Dwg 2297-106. Detail 1 & 2 shows Granular Fill or Soil Plug for the Fill Material in piles. Please specify what needs to be provided as Fill Material? Is contractor to provide Granular Fill or Soil Plug?
- R7. The "soil plug" is in-situ material, which for larger diameter piles would typically be the depth in-situ material remaining after that cleaned out for the in-fill concrete. If there is over-excavation during the clean-out, the Contractor may elect to place granular fill (i.e. non-cohesive material such as sand or gravel) up to the required underside elevation of the concrete in-fill. The Contractor may also elect to simply place more in-fill concrete rather than requiring a separate operation and acceptance of a small amount of granular fill.

