



September 28, 2017

**ADDENDUM #3**  
**NWIT-17-34**  
**Ewen Avenue Reconstruction (Phase 3)**  
**New Westminster, BC**

This addendum modifies the Invitation to Tender only as noted:

**ADDITIONAL INFORMATION**

**Please refer to Addendum No.3 prepared by ISL Engineering and Land Services Ltd**  
(10 pages following)

**Please refer to Revised Drawings (15 Pages)**

**REQUEST FOR ALTERNATE**

Option to quote reinforced concrete pipe and manhole material as an alternative to Weholite.  
Following with that, if RCP is allowed, would the city permit the use of a concrete pipe bedding  
detail (as per ASTM C1479)?

[Reinforced concrete pipe is not accepted as an alternate to the Weholite pipe and manholes.](#)

Please acknowledge this addendum as directed in the Form of Tender.

**END OF ADDENDUM #3**

Yours truly,

Heather M. Rossi  
Intermediate Buyer

*Owner:* Corporation of the City of New Westminster  
(NAME OF OWNER)

*Contract:* Ewen Avenue Reconstruction (Phase 3)  
(TITLE OF CONTRACT)

*Reference No.* NWIT-17-34  
(OWNER'S CONTRACT REFERENCE NO.)

*Prepared By:* ISL Engineering and Land Services Ltd.

To All Tenderers:

Date: September 27, 2017

This addendum shall form part of the original documents for the above noted contract and all other segments of the contract shall remain in force except as noted below:

**1. – Form of Tender – Appendix 1 – Schedule of Quantities and Prices**

**Delete:** FT ADD #2 – PAGE 5 – PAGE 10

**and Replace with:** FT ADD #3 – PAGE 5 – PAGE 12 (attached)

Note: all changes from Addendum #3 are identified with three asterisks (\*\*\*) at the right side of each row.

**2. – Contract Drawings**

**Delete the following drawings:**

TITLE	DRAWING NO.	REVISION NO.	REVISION DATE
Typical Details	04	4	17/08/22
L106 Landscape Planting Key	58	2	17/08/23
L107 Landscape Site Plan 1	59	2	17/08/23
L108 Landscape Site Plan 2	60	2	17/08/23
L109 Landscape Site Plan 3	61	2	17/08/23
L110 Landscape Site Plan 4	62	2	17/08/23
L111 Landscape Site Plan 5	63	2	17/08/23
L112 Landscape Site Plan 6	64	2	17/08/23
L113 Planting Enlargement 1	65	2	17/08/23
L114 Planting Enlargement 2	66	2	17/08/23
L115 Planting Enlargement 3	67	2	17/08/23
L116 Planting Enlargement 4	68	2	17/08/23
L117 Planting Enlargement 5	69	2	17/08/23
L118 Planting Enlargement 6	70	2	17/08/23
L123 Landscape Details 1	75	2	17/08/23

And Replace with the following drawings (attached):

TITLE	DRAWING NO.	REVISION NO.	REVISION DATE
Typical Details	04	5	17/09/27
L106 Landscape Planting Key	58	3	17/09/25
L107 Landscape Site Plan 1	59	3	17/09/25
L108 Landscape Site Plan 2	60	3	17/09/25
L109 Landscape Site Plan 3	61	3	17/09/25
L110 Landscape Site Plan 4	62	3	17/09/25
L111 Landscape Site Plan 5	63	3	17/09/25
L112 Landscape Site Plan 6	64	3	17/09/25
L113 Planting Enlargement 1	65	3	17/09/25
L114 Planting Enlargement 2	66	3	17/09/25
L115 Planting Enlargement 3	67	3	17/09/25
L116 Planting Enlargement 4	68	3	17/09/25
L117 Planting Enlargement 5	69	3	17/09/25
L118 Planting Enlargement 6	70	3	17/09/25
L123 Landscape Details 1	75	3	17/09/25

### 3. General Changes

**i. Replacement sheet L106**

Indicates updated comprehensive plant and tree list

**ii. Replacement sheets L107 through L112:**

Sheets are replaced to indicate updated tree species

**iii. Replacement sheets L113 through L118:**

Sheets are replaced to indicate updated plant species

**iv. Replacement sheet 123:**

Sheet is replaced to add new detail to clarify median additional reinforcing in reference to payment item 2.9. Refer to new detail #2 on drawing L123 (Sheet 75 of 77) for 1m square sections of reinforcing required at a 4m on centre spacing for wall stability.

END ADDENDUM #3

## Form of Tender - Appendix 1

**NWIT-17-34**

(CONTRACT#)

**EWEN AVENUE RECONSTRUCTION (PHASE 3)**

(TITLE OF CONTRACT)

**SCHEDULE OF QUANTITIES AND PRICES**

(See paragraph 5.3.1 of the Instructions to Tenderers - Part II)

(All prices and Quotations including the Contract Price shall include all Taxes, but shall not include GST. GST shall be shown separately.)

ITEM NO.	MMCD	DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
<b>1.0</b>	<b>01 57 01</b>	<b>ENVIRONMENTAL PROTECTION</b>				
1.1	1.6.2S	Environmental Protection	Lump Sum	1		
<b>SUB-TOTAL ITEM 1.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>2.0</b>	<b>03 30 20</b>	<b>CONCRETE WALKS CURBS AND GUTTERS</b>				
2.1	1.4.3	Concrete Curb & Gutter (MMCD C5)	Lineal Metre	1320		
2.2	1.4.3	Concrete Curb & Gutter (MMCD C5) - Medians	Lineal Metre	700		
2.3	1.4.5	Concrete Sidewalk and Bus Stops (100mm thick)	Square Metre	1340		
2.4	1.4.5	Concrete Driveway Letdown (190mm thick)	Square Metre	445		
2.5	1.4.5	Concrete Wheelchair Letdown	Square Metre	370		
2.6	1.4.11S	Concrete Driveway Crossings Band - Multi-Use Pathway	Lineal Metre	57		*
2.7	1.4.10S	Concrete Intersection Landings - Multi-Use Pathway	Square Metre	1100		*
2.8	1.4.12S	Concrete Planter Wall and Apron - Raised Medians	Lineal Metre	300		*
2.9	1.4.12S	Concrete Planter Wall Support	Cubic Metre	10		*
2.10	1.4.5	Concrete Median Infill, C/W Stamp and Colour	Square Metre	250		
2.11	1.4.11S	Integral Bands 0.45m Width - Multi-Use Pathway	Lineal Metre	90		*
2.12	1.4.11S	Integral Bands Pedestrian Areas	Square Metre	175		*
<b>SUB-TOTAL ITEM 2.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>3.0</b>	<b>03 30 53</b>	<b>CAST-IN-PLACE CONCRETE</b>				
3.1	1.5.1	Rain Gardens Curb Inlet/Splash Pad	Each	5		***
<b>SUB-TOTAL ITEM 3.0: CARRY FORWARD TO TENDER SUMMARY</b>						

ITEM NO.	MMCD	DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
<b>4.0</b>	<b>03 40 01</b>	<b>PRE CAST CONCRETE</b>				
4.1	1.4.6S	Allan Block Retaining Wall (0.5-1.5m Height)	Square Metre	125		
4.2	1.4.6S	Allan Block Stairs (OPTIONAL)	Vertical Metre	15		
4.3	1.4.5	Relocate Existing No-Post Barriers - Offsite	Lineal Metre	50		
4.4	1.4.5	Relocate Existing No-Post Barriers - Preloading Retention - Twin Culverts at Boundary Road (OPTIONAL)	Lump Sum	1		
4.5	1.4.4	Supply and Place No-Post Barriers - 2500x690x550 - Twin Culverts at Boundary Road (OPTIONAL)	Each	10		
<b>SUB-TOTAL ITEM 4.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>5.0</b>	<b>12 93 00</b>	<b>SITE FURNISHINGS</b>				
5.1	1.4.5S	<del>Drinking fountain c/w Water Service from BFP, PRV</del>	Each	2	<del>\$</del>	<del>\$</del> ***
5.2	1.4.6S	Waste Receptacles	Each	4		
5.3	1.4.3S	Bollards - Owner Supplied, Install Only	Each	18		
5.4	1.4.2S	Bike Rack	Each	2		
5.5	1.4.1S	Benches	Each	11		
5.6	1.4.4S	Unit Paving - Decorative Band 1020 to 1040 Ewen Avenue	Lineal Metre	22		
5.7	1.4.4S	Unit Paving - 1201, 1132, 1130, 1102	Square Metre	210		
5.8	1.4.4S	Unit Paving - 1020/1038 Pedestrian Walkway	Square Metre	30		
5.9	1.4.4S	Unit Paving - Beast Edge Restraint	Lineal Metre	110		
<b>SUB-TOTAL ITEM 5.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>6.0</b>	<b>26 56 01</b>	<b>ROADWAY LIGHTING</b>				
6.1	1.9.1 / 2	Street and Pedestrian Lighting	L.S.	1		
6.2	1.9.4S	Removal of Existing Streetlights	L.S.	1		
<b>SUB-TOTAL ITEM 6.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>7.0</b>	<b>31 11 01</b>	<b>CLEARING AND GRUBBING</b>				
7.1	1.4.3S	Trees, Shrubs and Hedge Removals	L.S.	4	<del>\$</del>	<del>\$</del> ***
7.2	1.4.6S	Tree Protection - Mulch	L.S.	1		
7.3	1.4.6S	Tree Protection - Fencing	L.S.	1		
7.4	--	Air Spading (do not include incidental costs in the Allowance price)	Allowance	1	\$ 10,000.00	\$ 10,000.00
7.5	1.4.7S	Hydro Excavation (OPTIONAL)	Hours	50		
<b>SUB-TOTAL ITEM 7.0: CARRY FORWARD TO TENDER SUMMARY</b>						

ITEM NO.	MMCD	DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
<b>8.0</b>	<b>31 23 17</b>	<b>ROCK REMOVAL</b>				
8.1	1.6	Rock Removal (OPTIONAL)	Cubic Metre	70		
<b>SUB-TOTAL ITEM 8.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>9.0</b>	<b>31 24 13</b>	<b>ROADWAY EXCAVATION, EMBANKMENT AND COMPACTION</b>				
9.1	1.8.4	Miscellaneous Surface Removals - Fencing, Benching, Railings, Trees and Shrubs - Offsite Disposal - As Required to Construct Works	L.S	1		*
9.2	1.8.5S	Common Excavation - Shoulder, Boulevard, Under Existing Sidewalk, Miscellaneous 0-1.0m depth - Offsite Disposal	Cubic Metre	2200		
9.3	1.8.5S	Common Excavation - Ditches 0-2.0m depth - Offsite Disposal	Cubic Metre	12000		
9.4	1.8.5S	Offsite Disposal of Contaminated Soil - Common Excavation Premium	Tonne	2000		
9.5	1.8.14S	Remove Existing Concrete and Asphalt Sidewalk, Monolithic Sidewalk and Curb, Wheelchair Letdown, Driveway Letdowns - Offsite Disposal	Square Metre	1200		
9.6	1.8.14S	Remove Existing Concrete Curb and Gutter - Offsite Disposal	Lineal Metre	1100		
9.7	1.8.14S	Remove Existing Concrete Bus Pads - Boundary to Hume; Gifford - Offsite Disposal	Square Metre	58		
9.8	1.8.18S	Remove Existing Driveway Culverts and Bridges - Various Sizes and Materials - Offsite Disposal	Lineal Metre	220		
9.9	1.8.17S	Remove Existing Catch Basin c/w Cap of Existing Leads - Offsite Disposal	Each	16		
9.10	1.8.16S	Remove Existing Utility Poles Following Underground Utility Installations (OPTIONAL)	Each	3		***
9.11	1.8.15S	Over Excavation (OPTIONAL)	Cubic Metre	500		
<b>SUB-TOTAL ITEM 9.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>10.0</b>	<b>31 32 19</b>	<b>GEOSYNTHETICS</b>				
10.1	1.6.1	Root Barrier at Curb - 300mm depth	Lineal Metre	560		
10.2	1.6.1	Geogrid - Tensar Biaxial BX1200 - Twin Culverts at Boundary Road (OPTIONAL)	Square Metre	180		
10.3	1.6.1	Polyethylene Sheeting (10-mil) - Fully Wrap EPS	Square Metre	18000		
10.4	1.6.1	Non-Woven Geotextile - All Uses	L.S.	1		
10.5	1.6.2S	Lightweight Fill - Ditches - EPS	Cubic Metre	11000		*
<b>SUB-TOTAL ITEM 10.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>11.0</b>	<b>31 37 10</b>	<b>RIPRAP</b>				
11.1	1.4.1	300mm Rip Rap	Tonne	150		
11.2	1.4.2S	Rounded Boulders (OPTIONAL)	Tonne	125	\$	\$
<b>SUB-TOTAL ITEM 11.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>12.0</b>	<b>32 01 16.7</b>	<b>COLD MILLING</b>				
12.1	1.5.1.1S	Inlay Milling to 110mm Depth - Disposal Offsite	Square Metre	11500		
<b>SUB-TOTAL ITEM 12.0: CARRY FORWARD TO TENDER SUMMARY</b>						

ITEM NO.	MMCD	DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
<b>13.0</b>	<b>32 01 16.8</b>	<b>FULL DEPTH RECLAMATION</b>				
13.1	1.5.1S	Full Depth Reclamation to 400mm Depth	Square Metre	11500		
13.2	1.5.4S	Base Stabilization to 250mm Depth	Square Metre	11850		
<b>SUB-TOTAL ITEM 13.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>14.0</b>	<b>32 11 16.1</b>	<b>GRANULAR SUBBASE</b>				
14.1	1.4.2	75mm Minus Crushed Granular Subbase	Tonne	9000		***
14.2	1.4.2	MMCD River Sand	Tonne	3300		*
14.3	1.4.2	Lightweight Aggregate (Red Vesicular Basalt) - Twin Culverts at Boundary Road (OPTIONAL)	Tonne	35		***
14.4	1.4.2	MMCD Pit Run Gravel - Bulk Fill Material as Approved by Contract Administrator (OPTIONAL)	Tonne	500		
14.5	1.4.2	MMCD River Sand - Preload - Supply, Placement, Compaction, Management, Excavation and Offsite Disposal	Tonne	2700		***
<b>SUB-TOTAL ITEM 14.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>15.0</b>	<b>32 11 23</b>	<b>GRANULAR BASE</b>				
15.1	1.4.2	19mm Minus Crushed Granular Base	Tonne	7000		
<b>SUB-TOTAL ITEM 15.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>16.0</b>	<b>32 12 13.1</b>	<b>ASPHALT TACK COAT</b>				
16.1	1.5.1	Asphalt Tack Coat	Square Metre	11850		
<b>SUB-TOTAL ITEM 16.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>17.0</b>	<b>32 12 16</b>	<b>HOT-MIX ASPHALT CONCRETE PAVING</b>				
17.1	1.5.1	Machine Laid Warm Mix Asphalt (MMCD Lower Course #1)	Tonne	2200		
17.2	1.5.1	Machine Laid Warm Mix Asphalt (MMCD Upper Course #1)	Tonne	1200		
17.3	1.5.1	Machine Laid Warm Mix Asphalt (MMCD Upper Course #2) Multi-Use Pathway	Tonne	190		
17.4	1.5.1	Machine Laid Warm Mix Asphalt (MMCD Upper Course #2) Driveways	Tonne	75		
17.5	1.5.4	Asphalt Extruded Curb 150mm - Back of MUP / Driveways (OPTIONAL)	Lineal Metre	50		
17.6	1.5.9S	Raised Intersections	Square Metre	240		
17.7	1.5.10S	Raised Crosswalks	Each	2		
17.8	1.5.10S	Sinusoidal Speed Humps	Each	3		
17.9	1.5.1	Landscape Optional Item - Asphalt Streetprint - Herringbone Pattern - Dark and Grey Colour c/w Sealer (OPTIONAL)	Square Metre	400		
<b>SUB-TOTAL ITEM 17.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>18.0</b>	<b>32 13 13</b>	<b>PORTLAND CEMENT CONCRETE PAVEMENT</b>				
18.1	1.4.3	Concrete Bus Pad - 200mm Thick c/w Steel Reinforcement	Square Metre	270		***
18.2	1.4.3	Landscape Optional Item - Concrete Band 300mm Wide (OPTIONAL)	Lineal Metre	380		
18.3	1.4.3	Landscape Optional Item - Concrete Streetprint - Herringbone Pattern - Dark and Grey Colour c/w Sealer (OPTIONAL)	Square Metre	400		
<b>SUB-TOTAL ITEM 18.0: CARRY FORWARD TO TENDER SUMMARY</b>						

ITEM NO.	MMCD	DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
<b>19.0</b>	<b>32 17 23</b>	<b>PAINTED PAVEMENT MARKINGS</b>				
19.1	1.5.1/2	Temporary and Permanent Lane Pavement Markings	L.S.	1		
19.2	1.5.3	Thermoplastic Pavement Markings - Symbols, Stop Bars, and Pathway	L.S.	1		
19.3	1.5.3	MMA Pavement Marking (1-3 mil) - MUP Crossing at Boundary Road (OPTIONAL)	L.S.	1		
19.4	1.5.5S	Signage - Including Removal, Stockpile, Relocation, Supply and Installation	L.S.	1		
<b>SUB-TOTAL ITEM 19.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>20.0</b>	<b>31 31 13</b>	<b>CHAINLINK FENCES AND GATES</b>				
20.1	1.6.4S	Steel Handrail (OPTIONAL)	Lineal Metre	150		
20.2	1.6.4S	Fence Relocation - Church - 1310, 1308 Ewen Avenue	Lump Sum	1		*
<b>SUB-TOTAL ITEM 20.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>21.0</b>	<b>32 91 13.23</b>	<b>STRUCTURAL SOIL</b>				
21.1	1.4.1	Structural Soil (OPTIONAL)	Cubic Metre	50		
<b>SUB-TOTAL ITEM 21.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>22.0</b>	<b>32 91 21</b>	<b>TOPSOIL AND FINISH GRADING</b>				
22.1	1.4.1	Imported Planting Growing Medium - CoNW Blend	Cubic Metre	3500		
<b>SUB-TOTAL ITEM 22.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>23.0</b>	<b>32 92 19</b>	<b>HYDRAULIC SEEDING</b>				
23.1	1.8.2	All Purpose Sun Shade Mix	Square Metre	300		
<b>SUB-TOTAL ITEM 23.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>24.0</b>	<b>32 92 23</b>	<b>SODDING</b>				
24.1	1.8.1	Supreme Sod	Square Metre	3900		
<b>SUB-TOTAL ITEM 24.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>25.0</b>	<b>32 93 01</b>	<b>PLANTING OF TREES, SHRUBS AND GROUND COVERS</b>				
25.01	1.9.1S	Tree: 'Bowhall' Maple c/w Mulch	Each	6		***
25.02	1.9.1S	Tree: 'Princeton Gold' Maple c/w Mulch	Each	9		***
25.03	1.9.1S	Tree: 'Autumn Applause' Ash c/w Mulch	Each	33		***
25.04	1.9.1S	Tree: 'Summit' Green Ash c/w Mulch	Each	27		***
25.05	1.9.1S	Tree: Fastigiata Ginkgo c/w Mulch	Each	13		***
25.06	1.9.1S	Tree: 'Happidaze' Sweetgum c/w Mulch	Each	1		***
25.07	1.9.1S	Tree: Slender Silhouette' Sweetgum c/w Mulch	Each	66		***
25.08	1.9.1S	Tree: Scarlet Oak c/w Mulch	Each	3		***
25.09	1.9.1S	Tree: 'Venessa' Persian Ironwood c/w Mulch	Each	12		***
25.10	1.9.2S	Plant: Dwarf Purple Barberry c/w Mulch	Each	286		***
25.11	1.9.2S	Plant: Wintergem Boxwood c/w Mulch	Each	1351		***



ITEM NO.	MMCD	DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT	
25.12	1.9.2S	Plant: Bowles Golden Sedge c/w Mulch	Each	1157			***
25.13	1.9.2S	Plant: Slough Sedge c/w Mulch	Each	66			***
25.14	1.9.2S	Plant: Feather Reed Grass c/w Mulch	Each	198			***
25.15	1.9.2S	Plant: Midwinter Fire Dogwood c/w Mulch	Each	142			***
25.16	1.9.2S	Plant: Japanese Forest Grass c/w Mulch	Each	149			***
25.17	1.9.2S	Plant: Red Baron Japanese Blood Grass c/w Mulch	Each	254			***
25.18	1.9.2S	Plant: Emerald Cushion Creeping Phlox c/w Mulch	Each	307			***
25.19	1.9.2S	Plant: Blackeyed Susan c/w Mulch	Each	276			***
25.20	1.9.2S	Plant: (HEDGE): Ottoluyken Laurel c/w Mulch	Each	205			***
25.21	1.9.2S	Plant: Autumn Joy Sedum c/w Mulch	Each	304			***
25.22	1.9.2S	Plant: Blue Kazoo Spiraea c/w Mulch	Each	294			***
25.23	1.9.2S	Plant (HEDGE): Smaragd Cedar Hedge c/w Mulch	Each	210			***
25.24	1.9.2S	Plant: Speedwell c/w Mulch	Each	1370			***
25.25	1.9.2S	Miscellaneous Landscaping - Property Ammendments (do not include incidental costs in the Allowance price)	Allowance	1	\$ 25,000.00	\$ 25,000.00	
25.26	1.9.3S	Hanging Basket (do not include incidental costs in the Allowanc price)	Allowance	1	\$ 90,000.00	\$ 90,000.00	
<b>SUB-TOTAL ITEM 25.0: CARRY FORWARD TO TENDER SUMMARY</b>							
<b>26.0</b>	<b>32 93 02</b>	<b>ESTABLISHMENT MAINTENANCE</b>					
26.1	1.5.1	Establishment Maintenance (OPTIONAL)	Monthly	12			*
<b>SUB-TOTAL ITEM 26.0: CARRY FORWARD TO TENDER SUMMARY</b>							
<b>27.0</b>	<b>32 94 01</b>	<b>IRRIGATION SYSTEM</b>					
27.1	1.7.1S	Irrigation System Complete (Design and Build) (do not include incidental costs in the Allowance price)	Allowance	1	\$ 120,000.00	\$ 120,000.00	
<b>SUB-TOTAL ITEM 27.0: CARRY FORWARD TO TENDER SUMMARY</b>						<b>\$ 120,000.00</b>	
<b>28.0</b>	<b>31 23 01.2S</b>	<b>PRELOADING AND GEOTECHNICAL INSTRUMENTATION</b>					
28.1	3.01	Geotechnical Instrumentation Monitoring - Twin Culverts at Boundary Road (OPTIONAL)	Lump Sum	1			
<b>SUB-TOTAL ITEM 28.0: CARRY FORWARD TO TENDER SUMMARY</b>							
<b>29.0</b>	<b>33 11 01</b>	<b>WATERWORKS</b>					
29.1	1.8.2S	Watermain Relocation - Detail Sheet 5 - Complete	Each	3			
29.2	1.8.2S	Water Service Relocation - Detail Sheet 5 - Complete	Each	5			
29.3	--	Water Fountain Stub c/w Tie-in to CoNW Water, BFP, PRV, Chamber, Lid, Thrust Blocks - Detail Sheet 6	Each	2			
<b>SUB-TOTAL ITEM 29.0: CARRY FORWARD TO TENDER SUMMARY</b>							
<b>30.0</b>	<b>33 34 01</b>	<b>SEWAGE FORCEMAINS</b>					
30.1	1.8.2S	Forcemain Relocation - Detail Sheet 5 - Complete	Each	2			
<b>SUB-TOTAL ITEM 30.1: CARRY FORWARD TO TENDER SUMMARY</b>							

ITEM NO.	MMCD	DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
<b>31.0</b>	<b>33 40 01</b>	<b>STORM SEWERS</b>				
31.1	1.6.2	1000mm Diameter Weholite RSC250 HDPE Storm Sewer c/w Infiltration Ports	Lineal Metre	653		***
31.2	1.6.5	Catch Basin / Lawn Basin Lead - 150mm SDR28 PVC c/w Tee Connection to Storm Sewer	Lineal Metre	260		
31.3	1.6.3	Storm Service - 150mm SDR28 PVC c/w IC at Property (MMCD S6), Tee Connection to Storm Sewer	Lineal Metre	205		
31.4	1.6.3	Perforated Pipe - 150mm SDR28 PVC c/w Non-Woven Geotextile, Drain Rock - Median Drainage c/w Tee Connection to Storm Sewer	Lineal Metre	30		
31.5	1.6.3	Rain Garden - As Per Details c/w Grading, Rock, Storm Sewer, Cleanout and Catch Basin	Each	5		*
31.6	1.6.2	900mm Diameter Weholite RSC250 HDPE Storm Sewer c/w Infiltration Ports	Lineal Metre	179		***
31.7	1.6.2	600mm Diameter Weholite RSC250 HDPE Storm Sewer c/w Infiltration Ports	Lineal Metre	189		***
31.8	1.6.2	600mm HDPE Mitered Bend	Each	1		***
<b>SUB-TOTAL ITEM 31.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>32.0</b>	<b>33 44 01</b>	<b>MANHOLES AND CATCHBASINS</b>				
32.1	1.5.2	Catch Basin - 900mm Diameter	Each	30		
32.2	1.5.9S	Manholes Weholite - 1500mm Diameter c/w 0.5m Sump, Base, Risers, Ladder, Frame and Cover, Infiltration Ports	Each	11		
32.3	1.5.9S	Overbuild - Manholes Weholite - 1800mm Diameter c/w 0.5m Sump, Base, Risers, Ladder, Frame and Cover (OPTIONAL)	Each	2		
32.4	1.5.2	Lawn Basins - 600mm Diameter (OPTIONAL)	Each	12		
32.5	1.5.2	Lawn Basin Beehive Grates	Each	5		
32.6	1.5.7.4	Adjust Valve and Meter Boxes	Each	62		
32.7	1.5.7.2	Adjust Manholes - CNW	Each	16		
32.8	1.5.7.5	Adjust Manholes - 3rd Party	Each	16		
32.9	1.5.7.6	Replace frames and covers with CNW Standard Casting (OPTIONAL)	Each	7		
32.10	1.5.8S	ACO Classic Drain K100 Assembly c/w Storm and Tee Connection to Storm Sewer - Detail Sheet 5	Lineal Metre	25		
<b>SUB-TOTAL ITEM 32.0: CARRY FORWARD TO TENDER SUMMARY</b>						
<b>33.0</b>	<b>33 42 13</b>	<b>PIPE CULVERTS</b>				
33.1	1.5.1	1050mm (OD) Sclairpipe DR26 HDPE Culvert c/w Butt-fusing Joints - Twin Culverts at Boundary Road (OPTIONAL)	Lineal Metre	89		
33.2	1.5.1	1050x1050x1050mm Sclairpipe Tee - Twin Culverts at Boundary Road (OPTIONAL)	Each	2		
33.3	1.5.1	1050mm HDPE Mitered Bend - Twin Culverts at Boundary Road (OPTIONAL)	Each	1		
33.4	1.5.1	1050mm HDPE Riser Manhole c/w Risers, Ladder, Frame and Cover - Twin Culverts at Boundary Road (OPTIONAL)	Each	2		
33.5	1.5.3	Pre-Eco-Lite Headwall - Series 5 c/w Trash Rack and Security Grid - Varying Diameters	Each	10		
<b>SUB-TOTAL ITEM 34.0: CARRY FORWARD TO TENDER SUMMARY</b>						

ITEM NO.	MMCD	DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
<b>34.0</b>	<b>00 00 01</b>	<b>THIRD PARTY ALLOWANCES</b>				
34.1	-	CNW Electrical - Contractor installation of underground CNW Electrical conduit, boxes, chambers in accordance with CNW specifications and design (do not included incidental costs in the Allowance price).	Allowance	1	\$ 300,000.00	\$ 300,000.00
34.2	-	CNW Fibre Optic - Contractor installation of underground CNW fibre optic conduit, boxes in accordance with CNW specifications and design (do not included incidental costs in the Allowance price).	Allowance	1	\$ 275,000.00	\$ 275,000.00
34.3	-	BC Hydro - Contractor installation of underground BC Hydro conduit, boxes, chambers in accordance with BC Hydro specifications and design (do not included incidental costs in the Allowance price).	Allowance	1	\$ 400,000.00	\$ 400,000.00
34.4	-	Telus - Contractor installation of underground Telus conduit, boxes, chambers in accordance with Telus specifications and design (do not included incidental costs in the Allowance price).	Allowance	1	\$ 200,000.00	\$ 200,000.00
34.5	-	Shaw - Contractor installation of underground Shaw conduit, boxes in accordance with Shaw specifications and design (do not included incidental costs in the Allowance price).	Allowance	1	\$ 200,000.00	\$ 200,000.00
34.6	-	Fortis BC - Minor relocations of Fortis BC DP gas. Work to be completed by Fortis BC. Contractor to coordinate with Fortis BC as necessary (do not included incidental costs in the Allowance price).	Allowance	1	\$ 100,000.00	\$ 100,000.00
<b>SUB-TOTAL ITEM 34.0: CARRY FORWARD TO TENDER SUMMARY</b>						<b>\$ 1,475,000.00</b>