



**THE CORPORATION OF THE CITY OF WINDSOR
OFFICE OF THE CITY SOLICITOR**

ALEX VUCINIC

Manager of Purchasing

Elaine Castellan

Purchasing Supervisor

(519) 255-6272

TELEPHONE NUMBER

**ADDENDUM NO. 7
TENDER NO. 54-21
DOUGALL AVENUE REHABILITATION –
OUELLETTE PLACE TO EUGENIE STREET WEST**

March 22, 2021

This addendum amends and forms part of the Tender Documents. The bidder shall insert the addendum behind the cover page of the Tender Documents.

QUESTION/ANSWERS:

Question #1:

The tender states that non-styrene resin is to be used for the sewer lining. Is UV liner acceptable? With UV lining, any styrene is fully contained during the curing process. This is an approved method of relining storm sewers throughout Ontario.

If non-styrene resin is required for the CIPP lining it will significantly increase the costs.

Answer: No.

Question #2:

We would like the contract administrator to advise if a clean out installation can be allowed at property line which will produce a 2-piece solution rather than on one piece liner for the lateral. They will be two separate installs overlapping one from the cleanout side for the liner and short top hat from the main line.

Answer: It is allowed, but without any additional cost.

CLARIFICATION TO SPECIFICATIONS:

Location of the new traffic Manholes and poles will be determined by City of Windsor traffic operations.

ATTACHED:

Unit Pricing Schedule (18 pages)

Except for the contents of this addendum, all other terms and conditions of this tender remain the same.

END OF ADDENDUM NO. 7

Yours truly,

THE CORPORATION OF THE CITY OF WINDSOR

Elaine Castellan

Elaine Castellan
Purchasing Supervisor
EC/jm

**ADDENDUM NO. 7
TENDER NO. 54-21
DOUGALL AVENUE REHABILITATION –
OUELLETTE PLACE TO EUGENIE STREET WEST**

March 22, 2021

I hereby acknowledge receipt of Addendum No. 7 to the Tender No. 54-21 (21 pages).

The information contained therein is hereby noted and account of same will be taken in our tender cost.

This information was received on the _____ day of _____, 20_____.

Signature

Name (Printed)

Company Name

***NOTE: You are required to acknowledge this addendum with your TENDER submission.**

**PLEASE E-MAIL @ purchasing@citywindsor.ca SIGNED ACKNOWLEDGEMENT SHEET
ASAP**

Attn: Purchasing Department

CITY OF WINDSOR
PUBLIC WORKS - ENGINEERING DEPARTMENT
TENDER 54-21 - DOUGALL AVENUE
STREET RELINING, WATERMAIN, AND PAVEMENT REHABILITATION
OUELLETE PLACE TO EUGENIE STREET WEST

UNIT PRICING SCHEDULE

PART A: STORM SEWER CONSTRUCTION

ITEM NO.	SPEC PROV	SUPP SPEC	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	8		Using cured-in-place pipe installation, rehabilitate existing storm sewer, in accordance with Ontario Provincial Standard Specification (OPSS) 460, including pre- and post- lining video inspection:				
			a) 525mm RC Pipe				
			Excavate two access points: one to the left and one to the right of MH 8RP5487	15.6	C.M.	\$	\$ 0
			From MH 8R1481 to MH 8RP5487	226.7	L.M.	\$	\$ 0
			From MH 8RP5487 to MH 8R5486	26.1	L.M.	\$	\$ 0
			From MH 8R5486 to MH 8R2406	112.5	L.M.	\$	\$ 0
			From MH 8R2406 to MH 8R34 (MH 8RJ5536)	19.0	L.M.	\$	\$ 0
			Backfill Access points as per AS-310B	15.6	C.M.	\$	\$ 0
			b) 375mm Corrugated Steel Pipe	25.9			0
			From MH 8R01220 to MH 2406		L.M.	\$	\$ 0
			c) 600mm RC Pipe				0
			From MH 8R39 to MH 8R40	275.9	L.M.	\$	\$ 0
			From MH 8R40 to MH 8R34	23.4	L.M.	\$	\$ 0
			d) 1200mm RC Pipe				0
			From MH 8R1480 to MH 8R5372	54.2	L.M.	\$	\$ 0
			From MH 8R5372 to MH 8R47	144.9	L.M.	\$	\$ 0
			From MH 8R47 to MH 8R48	118.6	L.M.	\$	\$ 0
			From MH 8R48 to CB 8R34 (MH 8RJ5536)	20.0	L.M.	\$	\$ 0
2	3,8		Using cured-in-place pipe installation, rehabilitate existing private drain connections, in accordance with Ontario Provincial Standard Specification (OPSS) 460, including pre and post-lining video inspection. (Provisional)	172.0	L.M.	\$	\$ 0
3	8		Install "Top Hat, Tee Liner or approved alternative" lateral connection sealing product for joint of lateral connection and mainline sewer.	24.0	Each	\$	\$ 0

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UNIT PRICING SCHEDULE

PART A: STORM SEWER CONSTRUCTION

ITEM NO.	SPEC PROV	SUPP SPEC	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
4			Using cured-in-place pipe installation, rehabilitate existing Sewer Manholes, in accordance with Ontario Provincial Standard Specification (OPSS) 460, including pre and post-lining video inspection. (Provisional)	12.0	Each	\$	\$ 0
5	8		Material testing by independent lab		L.S.	\$	\$ 0
6			CONTINGENCY ALLOWANCE				\$ 75,000.00
TOTAL TENDER PRICE PART "A"						\$	0
(INCLUDING CONTINGENCY, EXCLUDING HST)							

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UNIT PRICING SCHEDULE

PART B: ROAD RECONSTRUCTION

ITEM NO.	SPEC PROV	SUPP SPEC	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	5,10,12	1	Supply, erect, and maintain all project and detour signs as detailed on the contract drawings, including all delineators, barricades, lights and advanced warnings, AND FLAG PERSONS necessary for traffic control. <i>Note: Contractor will be required to coordinate and obtain all necessary permits/approvals for the placement of detour signage</i>	1.0	L.S.	\$	\$ 0
2			Protection of Utility Poles	7.0	Each	\$	\$ 0
3	1	1,2,4,8,18	Sawcut, break and remove existing asphalt pavement, including curb and gutter	3,484.8	S.M.	\$	\$ 0
4	9	1,2,4,9	Asphalt, miling-roadway surface (50mm)	9.4	S.M.	\$	\$ 0
5	1	1,2,8,13,16,18	Remove catch basins	4.0	Each	\$	\$ 0
6	1	1,2,4,8	Remove brick median (including curb and gutter)	29.4	S.M.	\$	\$ 0
7	1	1,2,4,18	Sawcut, break and remove existing asphalt driveways	450.0	S.M.	\$	\$ 0
8	1	1,2,4,18	Sawcut, break and remove existing concrete driveways	8.4	S.M.	\$	\$ 0
9	1	1,2,4,8,18	Sawcut, break, and remove existing sidewalk.	672.0	S.M.	\$	\$ 0
10	1	1,2,3,18	Excavate, grade and dispose of all excess materials to subgrade	1,800.0	C.M.	\$	\$ 0.00
11	9	1,2,5,6,7,16,19	Supply, place and compact Granular "A" material for road base,including driveways(450 mm thickness)	4,260.0	Tonnes	\$	\$ 0
12	4,9	1,2,10,16	Construct concrete curb and gutter Barrier Type as per AS-208A	468.8	L.M.	\$	\$ 0
13	9	1,2,18,19	Supply and place Big "O" subdrains (150 mm diameter)	468.8	L.M.	\$	\$ 0
14	4	1,2,10,	Construct stamped coloured concrete median as per drawings (including curb and gutter)	29.4	S.M.	\$	\$ 0
15	9	1,2,9	Supply, place and compact base asphalt: Roadways - 75 mm SP19.0 Hot Mix Base	680.0	Tonnes	\$	\$ 0.00

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UNIT PRICING SCHEDULE

PART B: ROAD RECONSTRUCTION

ITEM NO.	SPEC PROV	SUPP SPEC	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
16		1,2,10	Supply and place cold weather protection (curb & gutter)	210.0	S.M.	\$	\$ 0.00
17	9		Supply, place and compact surface asphalt, roadways (50mm) SP12.5 (Provincial)	453.0	Tonnes	\$	\$ 0.00
18	9	1,2,4,9	Asphalt pavement SP12.5 - roadway surface (50mm)	1.3	Tonnes	\$	\$ 0.00
19	9	1,2,14	Adjust existing storm and sanitary manholes to finished grade	7.0	Each	\$	\$ 0.00
20	4,9	1,3	Supply and install curb inlet catch basins	6.0	Each	\$	\$ 0
21	9	1,2,6,7,13,16,19	Supply and install new catch basin leads Including backfill and connection to existing sewers: 200 mm Dia. PVC 15 SDR 35, granular "A" compacted to 100% standard proctor maximum density shall be used as backfill	50.0	L.M.	\$	\$ 0
22	7,9	1,2,6,9,19	Supply, place and compact base asphalt for driveways (hand laid) as per Standard Drawing AS-221 and AS-203 Note: Granular "A" to be included in unit price bid.	59.0	Tonnes	\$	\$ 0.00
23	4,9	1,2,10,19	Construct 1.5m wide concrete sidewalk and wheelchair ramps per AS-401, AS-402 and AS-549. Note: Granular 'A' to be included in unit price bid	703.0	S.M.	\$	\$ 0.00
24			Supply and install 2' x 5' truncated dome tactile surface indicators on ramps where shown on tender drawings as per Standard Drawing AS-549	3.00	S.M.	\$	\$ 0.00
25		1,2,10	Supply and place cold weather protection (concrete sidewalks, driveway)	711.4	S.M.	\$	\$ 0.00
26	7,9	1,2,17	Supply and place imported topsoil (100mm thick)	160.0	C.M.	\$	\$ 0.00
27		1,2,17	(a) Supply and place sod	1,563.9	S.M.	\$	\$ 0.00

REVISED ADDENDUM NO.7

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UNIT PRICING SCHEDULE

PART B: ROAD RECONSTRUCTION

ITEM NO.	SPEC PROV	SUPP SPEC	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
28	6	1,2,17	(b) Supply and apply water for sod Note: Please notify the Inspector while watering on site. Payment will be made as per the Inspector's review of submitted water tickets.	200.0	Hours	\$	\$ 0.00
29		1,2,5,10	Supply and Place Dust control: a) Calcium Chloride	1.5	Tonnes	\$	\$ 0
			b) Water	150.0	C.M.	\$	\$ 0
30			Vaccum excavation (Provisional)	10.0	Hours	\$	\$ 0.00
31			CONTINGENCY ALLOWANCE				\$ 55,000.00
TOTAL TENDER PRICE PART "B"						\$	0
(INCLUDING CONTINGENCY, EXCLUDING HST)							

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UNIT PRICING SCHEDULE

PART C: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	30.08 30.13 30.14 30.18 .09, SP14	A)	Supply and install new PVC watermain in the locations as shown on the Drawings.				
			<u>Full granular backfill</u>				
			i) 100mm diameter pipe	6.0	L.M.	\$	\$ -
			ii) 150mm diameter pipe	30.0	L.M.	\$	\$ -
			iii) 200mm diameter pipe	6.0	L.M.	\$	\$ -
			iv) 300mm diameter pipe	234.0	L.M.	\$	\$ -
v) 400mm diameter pipe	6.0	L.M.	\$	\$ -			
2	30.08 .08, SP14		Supply and install new PVC watermain & perform <u>Direction Boring</u> in the locations as shown on the Drawings and where ordered by the engineer.				
			a) 150mm diameter pipe (Provisional)	6.0	L.M.	\$	\$ -
			b) 200mm diameter pipe (Provisional)	6.0	L.M.	\$	\$ -
3	30.18 .01, SP14	A)	Supply and install valves				
			<u>Gate Valves</u>				
			i) 150mm diameter	2.0	EACH	\$	\$ -
		ii) 200mm diameter	1.0	EACH	\$	\$ -	
		iii) 300mm diameter	4.0	EACH	\$	\$ -	
		B)	Install valve box extensions and extension stems as directed by the engineer. (Provisional)				
		i) 150mm Valve box Extension	1.0	EACH	\$	\$ -	
ii) 300mm Valve box Extension	1.0	EACH	\$	\$ -			
iii) Valve Extension Stem	1.0	L.M.	\$	\$ -			

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UNIT PRICING SCHEDULE

PART C: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
4	30.18 .04		Supply and install fully restrained fittings including all required bolts nuts gaskets etc. in the location shown on the Drawings.				
	30.19.0 1, SP14						
		a)	150mm 45° PVC Elbows	2.0	EACH	\$	\$ -
		b)	200mm 45° PVC Elbows	2.0	EACH	\$	\$ -
		c)	300mm 45° MJCL Elbows	4.0	EACH	\$	\$ -
		d)	150mm 90° PVC Elbows (Provisional)	1.0	EACH	\$	\$ -
		e)	200mm 90° PVC Elbows (Provisional)	1.0	EACH	\$	\$ -
		f)	300mm 90° MJCL Elbows	1.0	EACH	\$	\$ -
		g)	300x150mm MJCL Tees	2.0	EACH	\$	\$ -
		h)	300x200mm MJCL Tees	1.0	EACH	\$	\$ -
		i)	300x300mm MJCL Tees	2.0	EACH	\$	\$ -
		j)	150x100mm PVC Reducers	1.0	EACH	\$	\$ -
		k)	200x150mm PVC Reducers	1.0	EACH	\$	\$ -
		l)	400x300mm MJCL Reducers	1.0	EACH	\$	\$ -
		m)	100mm MJ Caps	1.0	EACH	\$	\$ -
		n)	150mm MJ Caps	4.0	EACH	\$	\$ -
		o)	300mm MJ Caps	2.0	EACH	\$	\$ -
		p)	400mm MJ Caps	1.0	EACH	\$	\$ -
		q)	150mm MJ Caps with 50mm galvanized blow off pipe and cap	1.0	EACH	\$	\$ -
		r)	300mm MJ Caps with 50mm galvanized blow off pipe and cap (Provisional)	1.0	EACH	\$	\$ -
	s)	300mm MJ Caps with 50mm Valve, Valve Box, 50mm galvanized blow off pipe and cap	1.0	EACH	\$	\$ -	
	t)	100mm Couplings	1.0	EACH	\$	\$ -	

REVISED ADDENDUM NO. 7

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PART C: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		u)	150mm Couplings	1.0	EACH	\$	\$ -
		v)	200mm Couplings (Provisional)	1.0	EACH	\$	\$ -
		w)	300mm Couplings	2.0	EACH	\$	\$ -
		x)	400mm Couplings (Min 0.3m wide)	1.0	EACH	\$	\$ -
		y)	400mm PCPP (Bell or Spigot) x PE special complete with rolled square bar restraint ring	1.0	EACH	\$	\$ -
5	30.18 .03, SP14	A)	Supply and install fire hydrants (plugged) (Hydrant appurtenances included in items above).				
		i)	Hydrant for 1.68m (5'6") Bury (Provisional)	1.0	EACH	\$	\$ -
		ii)	Hydrant for 1.83m (6') Bury	1.0	EACH	\$	\$ -
		B)	Install hydrant extensions as directed by the engineer. (Provisional)				
		i)	150mm Extension (Provisional)	1.0	EACH	\$	\$ -
		ii)	300mm Extension (Provisional)	1.0	EACH	\$	\$ -
6	30.32 .01 50.06 .02, SP14		Supply all material, excavation, shoring, dewatering, backfilling, etc., and connect to existing watermain at the following locations as shown in drawings: (pipe and fittings included in items above.) (All costs associated with supply, installation & testing of backflow devices to be included in appropriate items).				
		a)	Connect to the existing watermain using a tapping saddle and install backflow preventer in front of 2557 Dougall Ave. See S-2107, Sheet '8', STN 1+080	1.0	UNIT	\$	\$ -
		b)	Tie in and abandonment of the existing watermain in front of 2557 Dougall Ave. See S-2107, Sheet '8', STN 1+080	1.0	UNIT	\$	\$ -

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UNIT PRICING SCHEDULE

PART C: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		c)	Tie in and abandonment of the existing water service to 2566 Dougall Ave. (Carwash) See S-2107, Sheet '10', Detail 'C'	1.0	UNIT	\$	\$ -
		d)	Tie in and abandonment of the existing water service to 2539 Dougall Ave. See S-2107, Sheet '10', Detail 'B'	1.0	UNIT	\$	\$ -
		e)	Tie in and abandonment of the existing 300mm watermain on the Southwest corner of Dougall Ave & Eugenie St W. See S-2107, Sheet '10', Detail 'A'	1.0	UNIT	\$	\$ -
		f)	Tie in and abandonment of the existing 400mm concrete watermain on the Southwest corner of Dougall Ave & Eugenie St W. See S-2107, Sheet '10', Detail 'A'	1.0	UNIT	\$	\$ -
		g)	Cut and cap for abandonment of the existing watermain on the Southwest corner of Dougall Ave & Eugenie St W. See S-2107, Sheet '10', Detail 'A'	1.0	UNIT	\$	\$ -
7	30.19 .01, SP14		Supply and install 24lb zinc anodes on existing metallic water mains and metallic fittings as directed by the engineer.	12.0	EACH	\$	\$ -
8	30.18 .05, SP14		Supply and install foam swabs as directed by the engineer for the following pipe sizes:				
		a)	100mm to 200mm diameter pipe sizes	1.0	EACH	\$	\$ -
		b)	250mm to 300mm diameter pipe sizes	2.0	EACH	\$	\$ -
9	30.18 .08		Install chlorine risers in locations as directed by the engineer as per WUC detail.				
		a)	off 100mm to 200mm diameter pipe sizes (Provisional)	1.0	EACH	\$	\$ -
		b)	off 250mm to 300mm diameter pipe sizes	1.0	EACH	\$	\$ -

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PART C: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
10	30.18 .06, SP14		Install all temporary blow-off assemblies and proper hoses in the locations shown on the drawings for testing and remove same after testing is completed; and assist WUC forces during swabbing, flushing, chlorination, and testing of all new watermains.	1.0	UNIT	\$	\$ -
11	30.03 .06, SP14		Excavate and remove abandoned hydrants, close old valves and remove old valve boxes, and manholes in locations as shown on the Drawings.				
		a)	Hydrant removals	1.0	EACH	\$	\$ -
		b)	Valve box removals	6.0	EACH	\$	\$ -
		c)	Manhole removals	1.0	EACH	\$	\$ -
12	30.20 30.21 30.22 30.23, SP14		After the new watermain is in service, supply and install new water services as per WUC Specifications and WUC Standards Drawing in locations as directed by the engineer.				
			Contractor shall note that all commercial water service connections shall be excavated using Vacuum Truck paid under this item. Please price accordingly.				
		A)	Install new C904 PEX (REHAU MUNICIPEX, IPEX BLUE904, OR APPROVED EQUIVELENT) water service at locations as directed by the engineer.				
		i)	25mm diameter (1") Short Side	2.0	EACH	\$	\$ -
		ii)	25mm diameter (1") Long Side	2.0	EACH	\$	\$ -
		iii)	38mm diameter (1 1/2") Short Side	1.0	EACH	\$	\$ -
iv)	38mm diameter (1 1/2") Long Side (Provisional)	1.0	EACH	\$	\$ -		
v)	50mm diameter (2") Short Side	1.0	EACH	\$	\$ -		

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		vi)	50mm diameter (2") Long Side (Provisional)	1.0	EACH	\$	\$ -
		B)	Install new copper water service at locations as directed by the engineer.				
		i)	19mm diameter (3/4") Short Side (Provisional)	1.0	EACH	\$	\$ -
		ii)	19mm diameter (3/4") Long Side (Provisional)	1.0	EACH	\$	\$ -
		iii)	25mm diameter (1") Short Side (Provisional)	1.0	EACH	\$	\$ -
		iv)	25mm diameter (1") Long Side (Provisional)	1.0	EACH	\$	\$ -
		v)	38mm diameter (1 1/2") Short Side (Provisional)	1.0	EACH	\$	\$ -
		vi)	38mm diameter (1 1/2") Long Side (Provisional)	1.0	EACH	\$	\$ -
		C)	Transfer existing copper services to new watermain at locations directed by the engineer. (Provisional)				
		i)	ALL LOCATIONS				
		a)	25mm	1.0	EACH	\$	\$ -
		b)	38mm	1.0	EACH	\$	\$ -
		c)	50mm	1.0	EACH	\$	\$ -
		D)	Install new water service from property line into the building including coordinating a WUC approved licensed plumber (plumber hourly rate priced separately below) core drilling through the concrete floor or foundation and re sealing, all necessary pipe and fittings as directed by WUC engineer. (Provisional)				
		i)	25mm	1.0	EACH	\$	\$ -

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		ii)	38mm	1.0	EACH	\$	\$ -
		E)	Hire a WUC approved licensed plumber to connect the new water service to existing plumbing inside the building. (Provisional)	8.0	HRS	\$	\$ -
		F)	Connection of Water Service beyond the standard 1.5m (5') offset up to 6.0m (20') to clear existing obstructions (Trees, Sewers, Utilities etc) including drilling and excavation of secondary pit in locations as directed by the engineer. (Provisional)	1.0	EACH	\$	\$ -
13	30.25, SP14		Supply and install new meter pits as directed by the WUC engineer. (Provisional)	1.0	EACH	\$	\$ -
14	30.25, SP14		Install new water meter or relocated existing meter in new meter pit complete with copper risers and fittings as directed by WUC engineer. (Provisional)	1.0	EACH	\$	\$ -
15			Supply and install new 50mm polyethylene or PVC sleeves across sewer trench to protect the new 25mm polyethylene water service against damages that may result from 0-50mm granular backfill around polyethylene water service. (Provisional)	3.0	EACH	\$	\$ -
16	30.48 .03, SP14		Supply, place and compact sand backfill for additional watermain work as ordered by the engineer. (Provisional)	75.0	TONNE	\$	\$ -
17	30.48 .04, SP14		Supply and place OPSS clear stone to backfill for additional watermain work as directed by the engineer. (Provisional)	50.0	TONNE	\$	\$ -
18	30.48 .02, SP14		Supply, place and compact 0 - 7/8" OPSS granular 'A', to backfill for additional watermain work as directed by the engineer. (Provisional)	100.0	TONNE	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS - ENGINEERING DEPARTMENT
TENDER 54-21 - DOUGALL AVENUE
STREET RELINING, WATERMAIN, AND PAVEMENT REHABILITATION
OUELLETE PLACE TO EUGENIE STREET WEST**

UNIT PRICING SCHEDULE

PART C: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
19			Supply and install 25MPA mass concrete thrust blocking as directed by the engineer complete with bond breaker. (Provisional)	5.0	C.M.	\$	\$ -
20			Supply and install 30MPA flowable grout (sand water cement only) and provide adequate number of risers to complete grouting of old feeder mains and ensure pipe is filled as directed by the engineer. (Provisional)	1.0	C.M.	\$	\$ -
21			Supply and install N.S.F. 'U-fill' to City Spec S-24 for backfill as directed by the engineer. (Provisional)	5.0	C.M.	\$	\$ -
22			Supply and install 50mm rigid foam insulation and insulate new watermain or water services in locations shown on the drawings or as directed by the engineer. (Provisional)	5.0	S.M.	\$	\$ -
23			Supply all necessary additional materials, excavation, shoring, dewatering, backfilling, etc. to deflect the new PVC watermain below the existing underground utility obstructions (concrete duct banks, sewers, fibre optics, hydro, etc.) in the locations shown on the drawings or as otherwise directed by the engineer. Refer to typical watermain deflection detail. (pipe and fittings to be paid for in items 1 and 4)				
		a)	Deflections up to 1 meter (Provisional)	1.0	UNIT	\$	\$ -
		b)	Deflections up to 1.5 meters (Provisional)	1.0	UNIT	\$	\$ -

REVISED ADDENDUM NO. 7

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PART C: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
24			Provide a Vacuum Excavation truck to perform additional daylighting for any utilities not shown on the drawings and as directed by the engineer. (Provisional)	10.0	HRS	\$	\$ -
25			CONTINGENCY ALLOWANCE				\$ 15,000.00
TOTAL TENDERED PRICE - PART 'C'							
(INCLUDING CONTINGENCY, EXCLUDING HST)						\$	-

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UNIT PRICING SCHEDULE

PART "D": STREET LIGHTING & TRAFFIC INFRASTRUCTURE

ITEM NO.	SPEC PROV	SUB	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	SP15		Supply and Install Rigid Ducts (Direct Buried):				
		a.	53 mm conduit (Streetlights)	240	L.M.	\$	\$ 0.00
			Supply and Install Rigid Ducts (Directional Bore):				0.00
		a.	53mm conduit (Streetlights)	35	L.M.	\$	\$ 0.00
2	SP15		Supply and Install Wiring:				0.00
		b.	Streetlight wiring (2#6AWG RWU-90)	280	L.M.	\$	\$ 0.00
		b.	Riser wiring (2#12AWG RWU-90)	45	L.M.		0.00
3	SP15		Supply and Install Grounding:				0.00
		c.	#6 AWG copper ground wire for streetlighting	280	L.M.	\$	\$ 0.00
		c.	#12AWG copper ground riser wire for streetlighting	45	L.M.		0.00
		c.	Ground rods	1	Each	\$	\$ 0.00
		c.	Ground plate at power supply location	1	Each	\$	\$ 0.00
4	SP15		Supply and Install Roadway Streetlight Luminaire:				0.00
		d.	Existing street lights (NXT-24S) modify drivers from 450mA to 525mA and relocated to a new streetlight pole	5	Each	\$	\$ 0.00
5	SP15		Supply and Install - Pole Assemblies & Mast Arms:				0.00
		e.	Relocated existing 2.4m mast arm on new poles	5	Each	\$	\$ 0.00
		e.	9.144 m Concrete Pole	5	Each	\$	\$ 0.00
6	SP15		Supply and Install - Power Supply:				0.00
		f.	Connection box c/w breakers (Supply A)	1	Each	\$	\$ 0.00
		f.	Connection wire and conduits	100%	Lump Sum	\$ ---	\$ #VALUE!
7	SP15		Removals:				0.00
		g.	Existing streetlight poles EP-1 to EP-5	5	Each	\$	\$ 0.00
		h.	Existing overhead streetlight wiring, connections	100%	Lump Sum	\$ ---	\$ #VALUE!
8	SP16		Supply and Install Rigid Traffic Ducts (Direct Buried):				0.00
		a.	75 mm conduit	210	L.M.	\$	\$ 0.00
		b.	50mm conduit	25	L.M.	\$	\$ 0.00
9	SP16		Supply and Install Rigid Traffic Ducts (Directional Bore):				0.00
		a.	75 mm conduit	100	L.M.	\$	\$ 0.00

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UNIT PRICING SCHEDULE

PART "D": STREET LIGHTING & TRAFFIC INFRASTRUCTURE

ITEM NO.	SPEC PROV	SUB	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
10	SP16		Supply and Install Traffic Manhole				0.00
		b.	600mm Square Manhole	4	Each	\$ ---	\$ #VALUE!
11			Removal & Install 600 mm Traffic MH	3	Each	\$	\$
12			Removal & Install 600 mm Pole Base	2	Each	\$	\$
13			Install 600 mm Pole Base	2	Each	\$	\$
14			Remove Line Painting (Provisional)	100	L.M.	\$	\$
15			CONTINGENCY ALLOWANCE				\$ 8,000.00
TOTAL TENDER PRICE PART "D"						\$	=====
(INCLUDING CONTINGENCY, EXCLUDING HST)							

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UNIT PRICING SCHEDULE

TENDER SUMMARY

PART "A": STORM SEWER CONSTRUCTION	\$ _____
PART "B": ROAD RECONSTRUCTION	\$ _____
PART "C": WATERMAIN CONSTRUCTION	\$ _____
PART "D": STREET LIGHTING AND TRAFFIC INFRASTRUCTURE	\$ _____
TOTAL TENDER PRICE *	
PARTS: "A"&"B"&"C"&"D"	\$ <u><u>0</u></u>

** Includes Contingency, Excludes the Harmonized Sales Tax.*

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UNIT PRICING SCHEDULE

BREAKDOWN

Labour \$ _____

Materials \$ _____

Equipment \$ _____

**TOTAL TENDER PRICE
PARTS: "A" & "B" & "C" & "D"
(Including Contingency, Excluding HST)** \$ _____

HST \$ _____