



**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. 2
TENDER NO. 56-21
2021 ROAD AND WATERMAIN REHABILITATION – YPRES/GLADSTONE**

March 24, 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.

REVISION TO SPECIFICATION:

Instruction To Bidders – Mandatory Contract Terms

2. Liquidated Damages has been changed to:

The Contractor further covenants and agrees to undertake and complete the said Work in a proper workmanlike manner under the supervision and direction and to the entire satisfaction of the Corporation's City Engineer before the expiration of 85 Working Days from receipt of an order in writing from the City pursuant to the above paragraph (the "Contract Time") and subject always to the liquidated damages provisions. For greater clarity the Contractor shall pay the Corporation the sum of Seven Hundred Fifty Dollars (\$750.00) for liquidated damages for each and every Working Day's delay beyond the 85 Working Days from the Contract Time.

REVISIONS TO SCHEDULE OF UNIT PRICES:

Item A48 and D56 Install Stanchions – Can you please provide the quantity of stanchions to be installed? –

- This item will be switched from Lump Sum to hourly for the time required to complete the job. As per usual the City will provide the stanchions, and the contractor will provide the labour and equipment . The hours paid will be the time taken to complete the installation and not the total hours of labourer or equipment. For example if the contractor has 1 laborer and 1 backhoe working to install stanchions, for 10 hours, the total hours paid in the line item will be 10 and not 20.

Item A46 and D63 Clean Sewers and CB's – Can you please provide the sizes and lengths of the sewers that require cleaning.

Ypres:

- 300mm storm (concrete): roughly 62m
- 375mm combined (VC): roughly 80m
- 450mm storm (concrete): roughly 411m
- 600mm storm (concrete): roughly 275m
- 600mm sanitary (concrete): roughly 80m
- 750mm sanitary (concrete): roughly 177m
- 900mm sanitary (concrete): roughly 73m

- 1050mm sanitary (concrete): roughly 270m
- Gladstone:
- 300mm storm (concrete): roughly 1295m

REVISED AND ATTACHED:

Schedule of Unit Prices (22 pages)

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

END OF ADDENDUM NO. 2

Yours truly,

THE CORPORATION OF THE CITY OF WINDSOR

Elaine Castellan

Elaine Castellan
Purchasing Supervisor
EC/jm

**ADDENDUM NO. 2
TENDER NO. 56-21
2021 ROAD AND WATERMAIN REHABILITATION – YPRES/GLADSTONE**

March 24, 2021

I hereby acknowledge receipt of Addendum No. 2 to the Tender No. 56-21 (25 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 DEPARTMENT - OPERATIONS BRANCH
2021 ROAD REHABILITATION
Ypres/Gladstone - TENDER NO. 56-21
SCHEDULE OF UNIT PRICES**

PART A: ROAD RECONSTRUCTION - GLADSTONE

ITEM NO	CITS ID	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	001	Saw cutting - 0-150mm deep (PROVISIONAL)	25	L.M.	\$	\$ -
2	002	Saw cutting - 175-300mm deep (PROVISIONAL)	25	L.M.	\$	\$ -
3	038	HARDSURFACE REMOVAL INCLUDING SAWCUTTING	6040	S.M.	\$	\$ -
4	009	Removal of residential concrete sidewalks / driveway approaches, and asphalt driveways	1850	S.M.	\$	\$ -
5	013	Remove existing catch basins and connections - Single	14	EA.	\$	\$ -
6	017	Removal of native material - road reconstruction	4050	C.M.	\$	\$ -
7	159	Install 6" diameter sub drains including granular bedding	1500	L.M.	\$	\$ -
8	100	Granular "A" - road reconstruction	6800	Tonne	\$	\$ -
9	250	Construct curb and gutter - major sections	1500	L.M.	\$	\$ -
10	021	Adjust elevations of existing catch basins as required by Contracts Supervisor	2	EA.	\$	\$ -
11	018	Adjust elevations of existing manhole frame and covers in conjunction with reconstruction operations	2	EA.	\$	\$ -
12	024	Adjust elevations of existing water valves / gas valves .	3	EA.	\$	\$ -
13	257	Construction of new concrete residential sidewalk and driveway approaches	1700	S.M.	\$	\$ -
14	258	Construct concrete commercial driveways	40	S.M.	\$	\$ -
15		Construct residential stamp colour concrete driveway	100	S.M.	\$	\$ -
16		Construct residential exposed aggregate concrete driveway	25	S.M.	\$	\$ -
17	132	Remove and replace interlocking brick	80	S.M.	\$	\$ -
18	200	Supply and place Binder base course asphalt on roadways (HL-4)	1050	Tonne	\$	\$ -
19	208	Supply and place HL3 or HL4 on driveways including hand-laid.	20	Tonne	\$	\$ -
20	405	Excavate for supply and place topsoil	330	C.M.	\$	\$ -
21	407	supply and place sod	3300	S.M.	\$	\$ -
22	408	supply and place water on sodded areas	180	HR.	\$	\$ -
23	402	supply and apply water for dust control	400	C.M.	\$	\$ -
24	403	supply and apply calcium chloride for dust control	1	Tonne	\$	\$ -
25	302	Specialty signs	2	EA.	\$	\$ -
26		Trim Trees	1	L.S.	\$	\$ -
27	151	Supply and place catch basin including frame and cover. CICB	12	EA.	\$	\$ -
28		Supply and place catch basin including STANDARD frame and cover	2	EA.	\$	\$ -
29	157	Supply and place catch basin connection. 200mm	60	L.M.	\$	\$ -
30	158	Supply and place Catch basin connection 250mm	15	L.M.	\$	\$ -
31	815	Cold miller (300mm to 1200mm cutter) with operator	10	HR.	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD REHABILITATION
Ypres/Gladstone - TENDER NO. 56-21
SCHEDULE OF UNIT PRICES**

PART A: ROAD RECONSTRUCTION - GLADSTONE

ITEM NO	CITS ID	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
32	818	Tractor sweeper with operator	10	HR.	\$	\$ -
33	817	Vacuum sweeper with operator	10	HR.	\$	\$ -
34	832	Labourer	60	HR.	\$	\$ -
35	831	Foreperson and pickup	40	HR.	\$	\$ -
36	801	Solar message boards	14	Day	\$	\$ -
37	829	Flag person	100	HR.	\$	\$ -
38	822	Jack Hammer and compressor	1	Day	\$	\$ -
39	803	Rubber tire backhoe with operator	30	HR.	\$	\$ -
40	811	Triaxle dump truck with operator	50	HR.	\$	\$ -
41	160	Supply new manhole frame & covers	4	EA.	\$	\$ -
42	076	Supply new catch basin frame & covers	2	EA.	\$	\$ -
43		Supply and install Goss gully traps (PROVISIONAL)	2	EA.	\$	\$ -
44	266	Supply and place Unshrinkable Fill	30	C.M.	\$	\$ -
45	273	Tactile Markers	8	S.M.	\$	\$ -
46	401	Cleaning of sewer / cb leads	1	L.S.	\$	\$ -
47		TRAFFIC SIGNAGE (REMOVE AND RETURN)	1	L.S.	\$	\$ -
48		Supply all labour and equipment to install "U" channel post (stanchions) at locations as directed by the City of Windsor Traffic Dept.	10	HR.	\$	\$ -
49	279	Supply and Apply Crystal-Loc for Curb (PROVISIONAL)	1500	L.M.	\$	\$ -
50	280	Supply and Apply Crystal-Loc for flatwork (PROVISIONAL)	1700	S.M.	\$	\$ -
51	281	Cold weather protection for curb (PROVISIONAL)	1500	L.M.	\$	\$ -
52	282	Cold weather protection for flatwork (PROVISIONAL)	1700	S.M.	\$	\$ -
53		Contingency Allowance				\$ 50,000.00
TOTAL TENDER PRICE - PART 'A'						
(INCLUDING CONTINGENCY, EXCLUDING HST)					\$	50,000.00

CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 56-21 ROAD & WATERMAIN RECONSTRUCTION - YPRES/GLADSTONE								
PART B: GLADSTONE WATERMAIN CONSTRUCTION								
ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT	
1	30.08 30.13 30.14 30.18 .09	A)	Supply and install new PVC watermain in the locations as shown on the Drawings.					
			<u>Full granular backfill</u>					
			i) 150mm diameter pipe	30.0	L.M.	\$	\$	-
			ii) 200mm diameter pipe	720.0	L.M.	\$	\$	-
2	30.08 .08		Supply and install new PVC watermain & perform Direction Boring in the locations as shown on the Drawings and where ordered by the engineer.					
			a) 200mm diameter pipe (Provisional)	6.0	L.M.	\$	\$	-
3	30.18 .01	A)	Supply and install valves					
			<u>Gate Valves</u>					
			i) 150mm diameter	7.0	EACH	\$	\$	-
			ii) 200mm diameter	5.0	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.	\$	\$	-		
4	30.18 .04 30.19 .01		Supply and install fully restrained fittings including all required bolts nuts gaskets etc in the location shown on the Drawings.					
			a) 150mm 45° PVC Elbows	1.0	EACH	\$	\$	-
			b) 200mm 45° PVC Elbows	2.0	EACH	\$	\$	-
			c) 150mm 90° PVC Elbows (Provisional)	1.0	EACH	\$	\$	-
			d) 200mm 90° PVC Elbows (Provisional)	1.0	EACH	\$	\$	-
			e) 200x150mm PVC Tees	7.0	EACH	\$	\$	-
			f) 150mm MJ Caps	3.0	EACH	\$	\$	-
			g) 200mm MJ Caps with 50mm galvanized blowoff pipe and cap	1.0	EACH	\$	\$	-
			h) 150mm Couplings (Provisional)	1.0	EACH	\$	\$	-
			i) 200mm Couplings	3.0	EACH	\$	\$	-

Addendum #2

5	30.18 .03	A)	Supply and install fire hydrants (plugged) (Hydrant appurtenances included in items above).						
		i)	Hydrant for 1.68m (5'6") Bury	3.0	EACH	\$		\$	-
		ii)	Hydrant for 1.83m (6') Bury	4.0	EACH	\$		\$	-
		B)	Install Hydrant extensions as directed by the engineer. (Provisional)						
		ii)	300mm Extension	1.0	EACH	\$		\$	-
6	30.32 .01 50.06 .02		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)	Remove permanent blowoff and install backflow preventer on the Northeast corner of Gladstone Ave & Ypres Ave. See D21-WS.0545E, STN 0+710	1.0	UNIT	\$		\$	-
		b)	After testing is complete remove backflow preventer and connect new watermain. See D21-WS.0545E, STN 0+707	1.0	UNIT	\$		\$	-
		c)	Remove permanent blowoff and connect new watermain on the Southwest corner of Gladstone Ave & Tecumseh Rd E. See D21-WS.0545F, Detail 'A'	1.0	UNIT	\$		\$	-
		d)	Cut and cap for abandonment of the existing watermain on the Southwest corner of Gladstone Ave & Tecumseh Rd E. See D21-WS.0545F, Detail 'A'	1.0	UNIT	\$		\$	-
		e)	Cut out existing tee and cap for abandonment of the existing watermain and reconnect the hydrant lead on the Northwest corner of Gladstone Ave & Ypres Ave. See D21-WS.0545E, STN 0+712	1.0	UNIT	\$		\$	-
7	30.19 .01		Supply and install 24lb. zinc anodes on existing metallic water mains and metallic fittings as directed by the engineer. (Provisional)	1.0	EACH	\$		\$	-
8	30.18 .05		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	\$		\$	-
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.	1.0	EACH	\$		\$	-

Addendum #2

10	30.18 .06	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		Replace private drain connections, where ordered by the engineer. (Provisional)						
		a) 100mm diameter	5.0	L.M.	\$		\$	-
		b) 150mm diameter	10.0	L.M.	\$		\$	-
		c) 200mm diameter	20.0	L.M.	\$		\$	-
		d) 250mm diameter	5.0	L.M.	\$		\$	-
		e) 300mm diameter	5.0	L.M.	\$		\$	-
12	30.03 .06	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.	8.0	EACH	\$		\$	-
		b) Valve box removals.	11.0	EACH	\$		\$	-
		c) Manhole removals.	1.0	EACH	\$		\$	-
13	30.20 30.21 30.22 30.23	<p>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.</p> <p>Contractor shall note that all commercial water service connections shall be excavated using Vacuum Truck paid under this item. Please price accordingly.</p> <p>Install new <u>C904 PEX</u> (REHAU MUNICIPEX, IPEX BLUE904, OR APPROVED EQUIVELENT) OR AQUAPURE PE-RT water service at locations as directed by the engineer.</p>						
		A) i) 25mm diameter (1") Short Side	44.0	EACH	\$		\$	-
		ii) 25mm diameter (1") Long Side	42.0	EACH	\$		\$	-
		iii) 38mm diameter (1 1/2") Short Side (Provisional)	1.0	EACH	\$		\$	-
		iv) 38mm diameter (1 1/2") Long Side (Provisional)	1.0	EACH	\$		\$	-
		v) 50mm diameter (2") Short Side (Provisional)	1.0	EACH	\$		\$	-
		vi) 50mm diameter (2") Long Side (Provisional)	1.0	EACH	\$		\$	-
		B) Install new copper water service at locations as directed by the engineer. (Provisional)						
		i) 19mm diameter (3/4") Short Side	1.0	EACH	\$		\$	-
		ii) 19mm diameter (3/4") Long Side	1.0	EACH	\$		\$	-

Addendum #2

		iii)	25mm diameter (1") Short Side	1.0	EACH	\$	\$	-
		iv)	25mm diameter (1") Long Side	1.0	EACH	\$	\$	-
		v)	38mm diameter (1 1/2") Short Side	1.0	EACH	\$	\$	-
		vi)	38mm diameter (1 1/2") Long Side	1.0	EACH	\$	\$	-
		vii)	50mm diameter (2") Short Side	1.0	EACH	\$	\$	-
		viii)	50mm diameter (2") Long Side	1.0	EACH	\$	\$	-
		C)	Transfer existing copper or polyethylene services to new watermain at locations directed by the engineer. (Provisional)					
		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	\$	\$	-
		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)	10.0	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)	5.0	EACH	\$	\$	-
14	30.25		Supply and install new meter pits as directed by the WUC engineer. (Provisional)	1.0	EACH	\$	\$	-
15	30.25		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	\$	\$	-
16	30.48 .03		Supply, place and compact sand backfill for additional watermain work as ordered by the engineer. (Provisional)	75.0	ONN	\$	\$	-
17	30.48 .04		Supply and place OPSS clear stone to backfill for additional watermain work as directed by the engineer. (Provisional)	50.0	ONN	\$	\$	-
18	30.48 .02		Supply, place and compact 0 - 7/8" OPSS granular 'A', to backfill for additional watermain work as directed by the engineer. (Provisional)	100.0	ONN	\$	\$	-
19	30.03 .03		Saw cutting pavement for watermain trenches as detailed on drawings.					
		a)	Total depths 25mm - 150mm	250.0	L.M.	\$	\$	-
		b)	Total depths 151mm - 300mm	1,250.0	L.M.	\$	\$	-

Addendum #2

		c)	Total depths 301mm - 450mm (Provisional)	100.0	L.M.	\$	\$	-
20	30.03 .04		Excavate, remove and dispose of pavements in watermain trenches as detailed on drawings.					
		A) Asphalt Pavements						
		i)	Total depths 25mm - 150mm (Provisional)	100.0	S.M.	\$	\$	-
		ii)	Total depths 151mm - 300mm (Provisional)	100.0	S.M.	\$	\$	-
		B) Concrete Pavements with or without Asphalt Surface						
		i)	Total depths 25mm - 150mm	250.0	S.M.	\$	\$	-
		ii)	Total depths 151mm - 300mm	1,250.0	S.M.	\$	\$	-
		iii)	Total depths 301mm - 450mm (Provisional)	100.0	S.M.	\$	\$	-
21	30.53 30.26		Supply and place temporary hotmix maintenance asphalt (handwork) in watermain trenches as directed by the engineer.					
		a)	Total depths 25mm - 150mm (Provisional)	50.0	ONN	\$	\$	-
22	30.46 30.26		Supply and place temporary cold mix asphalt in watermain trenches as directed by the engineer.					
		a)	Total depths 25mm - 150mm (Provisional)	50.0	ONN	\$	\$	-
23	30.61		Supply and maintain all traffic, delineators, barricades, lights, advanced warning signs, specialty signs, project signs and employ flag persons when and where necessary to control traffic, in keeping with the most recent Traffic Control Manual for Roadway Work Operations, published by Ministry of Transportation and Communications.	1.0	UNIT	\$	\$	-
24			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.	\$	\$	-
25			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.	\$	\$	-

Addendum #2

26		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	\$	\$	-
27		Provide a vacuum excavation truck to perform additional daylighting for any utilities not shown on the drawings and as directed by the engineer. (Provisional)	80.0	HRS	\$	\$	-
28		CONTINGENCY ALLOWANCE				\$	35,000.00
TOTAL TENDERED PRICE - PART 'B' (INCLUDING CONTINGENCY, EXCLUDING					\$	35,000.00	

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD REHABILITATION
Ypres/Gladstone - TENDER NO. 56-21
SCHEDULE OF UNIT PRICES**

PART C: STREETLIGHT RECONSTRUCTION - GLADSTONE

ITEM NO	SP 25	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	a	Supply and Install Rigid Ducts (Direct Buried): 53 mm conduit (Streetlights)	780	L.M.	\$	\$ 0.00
2	b.	Supply and Install Wiring:	820	L.M.	\$	\$ 0.00
	b.	Riser wiring (2#12AWG RWU-90)	100	L.M.	\$	\$ 0.00
3	c.	Supply and Install Grounding: #6 AWG copper ground wire for streetlighting	820	L.M.	\$	\$ 0.00
	c.	#12AWG copper ground riser wire for streetlighting	100	L.M.	\$	\$ 0.00
	c.	Ground rods	4	Each	\$	\$ 0.00
	c.	Ground plate at power supply location	2	Each	\$	\$ 0.00
4	d.	Road Crossing-Concrete Encased	1	Each	\$	\$ 0.00
5	e.	Supply and Install Roadway Streetlight Luminaire: Supply and Install new fixture- NXT-36S-0-7-2ES-7- GY-3-UL-S-2H-0423	4	Each	\$	\$ 0.00
	e.	Existing street lights (NXT-24S) modify drivers from 450mA to 525mA and relocated to a new streetlight pole	15	Each	\$	\$ 0.00
	e.	Existing street lights (NXT-24S) modify drivers from 700mA to 525mA on existing hydro pole	3	Each	\$	\$ 0.00
	e.	Existing street lights (NXT-24S) modify drivers from 700mA to 525mA and relocated to a new streetlight pole	3	Each	\$	\$ 0.00
	e.	Existing street lights (NXT-24S) modify drivers from 450mA to 700mA and relocated to a new streetlight pole	1	Each	\$	\$ 0.00
	e.	Existing street light (NXT-24S) modify drivers from 450mA to 525mA on existing streetlight pole	1	Each	\$	\$ 0.00
6	f.	Supply and Install - Pole Assemblies & Mast Arms: Relocated existing 1.8m mast arm on new poles	13	Each	\$	\$ 0.00
	f.	Re-Use 2.4m mast arms from Ypres Avenue	1	Each	\$	\$ 0.00
	f.	New 1.8m mast arms (ALS-RE6M)	3	Each	\$	\$ 0.00
	f.	9.144 m Concrete Pole	16	Each	\$	\$ 0.00
7	g.	Supply and Install - Power Supply: Connection box c/w breakers (Supply A & Supply B)	2	Each	\$	\$ 0.00
8	h.	Removals: Existing streetlight poles P-1 to P-14	14	Each	\$	\$ 0.00
	i.	Existing overhead streetlight wiring, connections and power supplies	100%	ump Sur	\$	\$ 0.00
9		Contingency Allowance	100%	ump Sur	\$ ---	\$ 8,000.00

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
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SCHEDULE OF UNIT PRICES**

PART C: STREETLIGHT RECONSTRUCTION - GLADSTONE

ITEM NO	SP 25	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
TOTAL TENDER PRICE - PART 'C' (INCLUDING CONTINGENCY, EXCLUDING HST)				\$	8,000.00	

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD REHABILITATION
Ypres/Gladstone - TENDER NO. 56-21
SCHEDULE OF UNIT PRICES**

PART D: ROAD RECONSTRUCTION - YPRES

ITEM NO	CITS ID	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	001	Saw cutting - 0-150mm deep (PROVISIONAL)	100	L.M.	\$	\$ -
2	002	Saw cutting - 175-300mm deep (PROVISIONAL)	200	L.M.	\$	\$ -
3	003	Saw cutting - 325-450mm deep (PROVISIONAL)	50	L.M.	\$	\$ -
4	038	HARD SURFACE REMOVAL INCLUDING SAWCUT	7050	S.M.	\$	\$ -
5	007	Saw cut, beak, remove, dispose of existing CONCRETE ROAD PANELS as directed by the Contract Administrator 175 - 300mm thick	45	S.M.	\$	\$ -
6	009	Removal of residential concrete sidewalks / driveway approaches, and asphalt driveways	5000	S.M.	\$	\$ -
7	012	Remove regrade & reinstate interlocking brick drives/lead walks	25	S.M.	\$	\$ -
8	013	Remove existing catch basins and connections and return old frames/lids to Crawford yard- Single	22	EA.	\$	\$ -
9	017	Removal of native material - road reconstruction (INCLUDING PAVEMENT)	4600	C.M.	\$	\$ -
10	100	Granular "A" - road reconstruction	7800	Tonne	\$	\$ -
11	250	Remove and Reconstruct new standard concrete curb & gutter (PROVISIONAL)	50	L.M.	\$	\$ -
12	021	Adjust elevations of existing catch basins including new box out as required by Engineer	14	EA.	\$	\$ -
13	018	Adjust elevations of existing manhole frame and covers in conjunction with reconstruction operations	15	EA.	\$	\$ -
14	024	Adjust elevations of existing water valves / gas valves in conjunction with road reconstruction	10	EA.	\$	\$ -
15	257	Construction of new concrete residential sidewalk and driveway approaches	4950	S.M.	\$	\$ -
16	258	Construct concrete commercial driveways	65	S.M.	\$	\$ -
17	253	Construct new 230mm concrete pavement as per AS210, including load transfer devices and doweling into adjacent concrete	45	S.M.	\$	\$ -
18	008	Cold Milling Asphalt - 0mm to 150mm in Depth	8100	S.M.	\$	\$ -
19	200	Supply & place HL4 Asphalt on roadways	4600	Tonne	\$	\$ -
20	201	Supply & place HL3 surface asphalt on roadways	850	Tonne	\$	\$ -
21	209	Tack coating	24550	S.M.	\$	\$ -
22	208	Supply and place HL3 or HL4 on driveways - hand-laid.	40	Tonne	\$	\$ -
23	405	Excavate for supply and place topsoil	410	C.M.	\$	\$ -
24	407	supply and place sod	4100	S.M.	\$	\$ -
25	408	supply and place water on sodded areas	250	HR.	\$	\$ -
26	402	supply and apply water for dust control	400	C.M.	\$	\$ -
27	403	supply and apply calcium chloride for dust control	2	Tonne	\$	\$ -
28	302	Specialty signs	2	EA.	\$	\$ -
29	415	Trim Trees	1	L.S.	\$	\$ -
30	151	Supply and place catch basin including frame and cover. CICB	21	EA.	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD REHABILITATION
Ypres/Gladstone - TENDER NO. 56-21
SCHEDULE OF UNIT PRICES**

PART D: ROAD RECONSTRUCTION - YPRES

ITEM NO	CITS ID	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
31	157	Excavate for, Supply and place catch basin connection including granular 'A' trench backfill to surface and compacted to 100% Maximum S.P.D.D. 200mm	160	L.M.	\$	\$ -
32	158	Excavate for, Supply and place catch basin connection including granular 'A' trench backfill to surface and compacted to 100% Maximum S.P.D.D. 250mm	80	L.M.	\$	\$ -
33	815	Cold miller (300mm to 1200mm cutter) with operator	20	HR.	\$	\$ -
34	816	Cold Miller (1.5m and wider) with operator	10	HR.	\$	\$ -
35	819	Vibratory steel roller - 4500Kg with operator	10	HR.	\$	\$ -
36	821	Rubber tire roller with operator	10	HR.	\$	\$ -
37	818	Tractor sweeper with operator	20	HR.	\$	\$ -
38	817	Vacuum sweeper with operator	20	HR.	\$	\$ -
39	803	Rubber tire backhoe with operator	40	HR.	\$	\$ -
40	811	Triaxle dump truck with operator	60	HR.	\$	\$ -
41	832	Labourer	90	HR.	\$	\$ -
42	831	Foreperson and pickup	50	HR.	\$	\$ -
43	801	Solar message boards	14	Day	\$	\$ -
44	829	Flag person	500	HR.	\$	\$ -
45	822	Jack Hammer and compressor	1	Day	\$	\$ -
46	160	Supply new catch basin frame & covers	15	EA.	\$	\$ -
47	161	Supply new manhole frame & covers	15	EA.	\$	\$ -
48	177	Supply and install Goss gully traps	8	EA.	\$	\$ -
49	025	Install manhole cover lift rings	14	EA.	\$	\$ -
50	024	Adjust elevation of existing water / gas valves to accommodate proposed grade changes in conjunction with placement of surface asphalt.	28	EA.	\$	\$ -
51	269	Remove and replace short sections of curb & gutter <15LM	250	L.M.	\$	\$ -
52	266	Supply and place Unshrinkable Fill	60	C.M.	\$	\$ -
53	106	Supply, Deliver, Place & Compact Granular A - Driveway	5	Tonne	\$	\$ -
54	273	Tactile Markers	45	S.M.	\$	\$ -
55	301	Remove, salvage, and deliver all traffic signage to Traffic Engineering Yard (1269 Mercer Street, Windsor).	1	L.S.	\$	\$ -
56	307	Supply all labour and equipment to install "U" channel post (stanchions) at locations as directed by the City of Windsor Traffic Dept.	10	HR.	\$	\$ -
57	216	Supply HL3, HL4, HL8 F.O.B asphalt	20	Tonne	\$	\$ -
58	279	Supply and Apply Crystal-Loc for Curb (PROVISIONAL)	300	L.M.	\$	\$ -
59	280	Supply and Apply Crystal-Loc for flatwork (PROVISIONAL)	5015	S.M.	\$	\$ -
60	281	Cold weather protection for curb (PROVISIONAL)	300	L.M.	\$	\$ -
61	282	Cold weather protection for flatwork (PROVISIONAL)	5015	S.M.	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD REHABILITATION
Ypres/Gladstone - TENDER NO. 56-21
SCHEDULE OF UNIT PRICES**

PART D: ROAD RECONSTRUCTION - YPRES

ITEM NO	CITS ID	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
62	361	Remove, replace & support street lighting as per drawing.	1	L.S.	\$	\$ -
63	401	Cleaning of sewer / cb leads	1	L.S.	\$	\$ -
62	sp 22	Excess soil removal of non-hazardous waste to landfill (Provisional)	20	Tonne	\$	\$ -
64		Contingency Allowance				\$ 200,000.00
TOTAL TENDER PRICE - PART 'D'						
(INCLUDING CONTINGENCY, EXCLUDING HST)					\$	200,000.00

CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 56-21
ROAD & WATERMAIN RECONSTRUCTION - YPRES/GLADSTONE

PART E: YPRES WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT	
1	30.08 30.13 30.14 30.18 .09	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	114.0	L.M.	\$	\$	-
			iv) 250mm diameter pipe	6.0	L.M.	\$	\$	-
			v) 300mm diameter pipe	1218.0	L.M.	\$	\$	-
			<u>Under Boulevards with native backfill</u>					
			i) 100mm diameter pipe	6.0	L.M.	\$	\$	-
			ii) 150mm diameter pipe	6.0	L.M.	\$	\$	-
iii) 200mm diameter pipe (Provisional)	6.0	L.M.	\$	\$	-			
2	30.08 .08		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	48.0	L.M.	\$	\$	-
			b) 200mm diameter pipe	72.0	L.M.	\$	\$	-
			c) 300mm diameter pipe	18.0	L.M.	\$	\$	-
3	30.18 .01	A)	Supply and install valves					
			<u>Gate Valves</u>					
			i) 150mm diameter	7.0	EACH	\$	\$	-
			ii) 200mm diameter	14.0	EACH	\$	\$	-
			iii) 300mm diameter	20.0	EACH	\$	\$	-
			<u>Install valve box extensions and extension stems as directed by the engineer.(Provisional)</u>					
			i) 150mm Valve box Extension	1.0	EACH	\$	\$	-
ii) 300mm Valve box Extension	1.0	EACH	\$	\$	-			
iii) Valve Extension Stem	1.0	L.M.	\$	\$	-			

Addendum #2

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 .01	a) 200mm 11.25° PVC Elbows	1.0	EACH	\$		\$	-
		b) 150mm 45° PVC Elbows	4.0	EACH	\$		\$	-
		c) 200mm 45° PVC Elbows	8.0	EACH	\$		\$	-
		d) 300mm 45° MJCL Elbows	14.0	EACH	\$		\$	-
		e) 150mm 90° PVC Elbows (Provisional)	1.0	EACH	\$		\$	-
		f) 200mm 90° PVC Elbows	1.0	EACH	\$		\$	-
		g) 300mm 90° MJCL Elbows	2.0	EACH	\$		\$	-
		h) 300x200mm MJCL Cross	2.0	EACH	\$		\$	-
		i) 300x300mm MJCL Cross (Provisional)	1.0	EACH	\$		\$	-
		j) 200x150mm PVC Tees	2.0	EACH	\$		\$	-
		k) 200x200mm PVC Tees (Provisional)	1.0	EACH	\$		\$	-
		l) 300x150mm MJCL Tees	5.0	EACH	\$		\$	-
		m) 300x200mm MJCL Tees	10.0	EACH	\$		\$	-
		n) 300x300mm MJCL Tees	6.0	EACH	\$		\$	-
		o) 150x100mm PVC Reducers	3.0	EACH	\$		\$	-
		p) 200x150mm PVC Reducers	2.0	EACH	\$		\$	-
		q) 300x150mm MJCL Reducers	1.0	EACH	\$		\$	-
		r) 300x250mm MJCL Reducers	1.0	EACH	\$		\$	-
		s) 100mm MJ Caps	3.0	EACH	\$		\$	-
		t) 150mm MJ Caps	3.0	EACH	\$		\$	-
		u) 200mm MJ Caps	13.0	EACH	\$		\$	-
		v) 250mm MJ Caps	1.0	EACH	\$		\$	-
		w) 300mm MJ Caps	4.0	EACH	\$		\$	-
		x) 150mm MJ Caps with 50mm galvanized blow off pipe and cap	2.0	EACH	\$		\$	-
		y) 200mm MJ Caps with 50mm galvanized blow off pipe and cap	9.0	EACH	\$		\$	-
		z) 300mm MJ Caps with 50mm galvanized blow off pipe and cap	3.0	EACH	\$		\$	-
		aa) 300mm MJ Caps with 50mm Valve, Valve Box, 50mm galvanized blow off pipe and	3.0	EACH	\$		\$	-
		bb) 100mm Couplings	3.0	EACH	\$		\$	-
		cc) 150mm Couplings	2.0	EACH	\$		\$	-
	dd) 200mm Couplings	12.0	EACH	\$		\$	-	
	ee) 250mm Couplings	1.0	EACH	\$		\$	-	
	ff) 300mm Couplings	7.0	EACH	\$		\$	-	

Addendum #2

5	30.18 .03	A) Supply and install fire hydrants (plugged) (Hydrant appurtenances included in items above).							
		i) Hydrant for 1.68m (5'6") Bury	2.0	EACH	\$		\$	-	
		ii) Hydrant for 1.83m (6') Bury	2.0	EACH	\$		\$	-	
		B) Install Hydrant extensions as directed by the engineer. (Provisional)							
		i) 150mm Extension	1.0	EACH	\$		\$	-	
		ii) 300mm Extension	1.0	EACH	\$		\$	-	
6	30.32 .01 50.06 .02	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) Remove permanent blowoff and install backflow preventer on the Northwest corner of Ypres Ave & Gladstone Ave. See D21-WS.0554D, STN 0+0455	1.0	UNIT	\$		\$	-	
		b) Tie in and abandonment of the existing watermain on the Northeast corner of Ypres Ave & Woodlawn Ave. See D21-WS.0554D, STN 0+095	1.0	UNIT	\$		\$	-	
		c) Tie in and abandonment of the existing water service to 1075 Ypres Ave. (Optimist Community Centre) See D21-WS.0554J, Detail 'B'	1.0	UNIT	\$		\$	-	
		d) Tie in and abandonment of the existing water service to water fill station. See D21-WS.0554J, Detail 'C'	1.0	UNIT	\$		\$	-	
		e) Tie in and abandonment of the existing water service to Optimist Memorial Park. See D21-WS.0554B, STN 0+252	1.0	UNIT	\$		\$	-	
		f) Tie in and abandonment of the existing watermain on the Northeast corner of Ypres Ave & Forest Ave. See D21-WS.0554J, Detail 'A'	1.0	UNIT	\$		\$	-	
		g) Tie in and abandonment of the existing watermain on the Northeast corner of Ypres Ave & Parkwood Ave. See D21-WS.0554B, STN 0+185	1.0	UNIT	\$		\$	-	
		h) Tie in and abandonment of the existing watermain on the Northeast corner of Ypres Ave & Hall Ave. See D21-WS.0554B, STN 0+277	1.0	UNIT	\$		\$	-	
		i) Tie in and abandonment of the existing watermain on the Northwest corner of Ypres Ave & Moy Ave. See D21-WS.0554J, Detail 'D'	1.0	UNIT	\$		\$	-	
		j) Tie in and abandonment of the existing watermain on the Northwest corner of Ypres Ave & Gladstone Ave. See D21-WS.0554D, STN 0+455	1.0	UNIT	\$		\$	-	

Addendum #2

k)	Remove permanent blowoff and install backflow preventer on the Northeast corner of Ypres Ave & Gladstone Ave. See D21-WS.0554D, STN 0+0483	1.0	UNIT	\$	\$	-
l)	Tie in and abandonment of the existing watermain on the Southeast corner of Ypres Ave & Byng Rd. See D21-WS.0554H, STN 1+051	1.0	UNIT	\$	\$	-
m)	Tie in and abandonment of the existing watermain on the Northeast corner of Ypres Ave & Byng Rd. (Price for this tie-in to include service transfer and hydrant re-location)	1.0	UNIT	\$	\$	-
n)	Tie in and abandonment of the existing watermain on the Southeast corner of Ypres Ave & Turner Rd. See D21-WS.0554K, Detail 'J'	1.0	UNIT	\$	\$	-
o)	Tie in and abandonment of the existing watermain on the Northeast corner of Ypres Ave & Turner Rd. See D21-WS.0554K, Detail 'I'	1.0	UNIT	\$	\$	-
p)	Tie in and abandonment of the existing watermain on the Northwest corner of Ypres Ave & Walker Rd. See D21-WS.0554K, Detail 'K'	1.0	UNIT	\$	\$	-
q)	Tie in and abandonment of the existing watermain on the Southwest corner of Ypres Ave & Kildare Rd. See D21-WS.0554J, Detail 'H'	1.0	UNIT	\$	\$	-
r)	Tie in and abandonment of the existing watermain on the Northwest corner of Ypres Ave & Kildare Rd. See D21-WS.0554J, Detail 'G'	1.0	UNIT	\$	\$	-
s)	Tie in and abandonment of the existing watermain on the Southwest corner of Ypres Ave & Chilver Rd. See D21-WS.0554E, STN 0+732	1.0	UNIT	\$	\$	-
t)	Tie in and abandonment of the existing watermain on the Northwest corner of Ypres Ave & Chilver Rd. See D21-WS.0554E, STN 0+732	1.0	UNIT	\$	\$	-
u)	Tie in and abandonment of the existing watermain on the Southeast corner of Ypres Ave & Windermere Rd. See D21-WS.0554H, STN 0+654	1.0	UNIT	\$	\$	-
v)	Tie in and abandonment of the existing watermain on the Northeast corner of Ypres Ave & Windermere Rd. See D21-WS.0554H, STN 1+652	1.0	UNIT	\$	\$	-
w)	Tie in and abandonment of the existing watermain on the Northwest corner of Ypres Ave & Lincoln Rd. See D21-WS.0554J, Detail 'E'	1.0	UNIT	\$	\$	-
x)	Tie in and abandonment of the existing watermain on the Northeast corner of Ypres Ave & Lincoln Rd. See D21-WS.0554J, Detail 'E'	1.0	UNIT	\$	\$	-

Addendum #2

		y)	Tie in and abandonment of the existing watermain on the Northeast corner of Ypres Ave & Gladstone Ave. See D21-WS.0554D, STN 0+481	1.0	UNIT	\$	\$	-
7	30.19 .01		Supply and install 24lb. zinc anodes on existing metallic water mains and metallic fittings as directed by the engineer.	46.0	EACH	\$	\$	-
8	30.18 .05		Supply and install foam swabs as directed by the engineer for the following pipe sizes:					
		a)	100mm to 200mm diameter pipe sizes.	9.0	EACH	\$	\$	-
		b)	250mm to 300mm diameter pipe sizes.	9.0	EACH	\$	\$	-
9	30.18 .08		Install chlorine risers in locations as directed by the engineer as per WUC detail. off 100mm to 200mm diameter pipe sizes. (Provisional)	1.0	EACH	\$	\$	-
		b)	off 250mm to 300mm diameter pipe sizes.	2.0	EACH	\$	\$	-
10	30.18 .06		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 for each of the following streets:					
		a)	Ypres - Gladstone to Forest (Phase 1)	1.0	UNIT	\$	\$	-
		b)	Ypres - Gladstone to Walker (Phase 2)	1.0	UNIT	\$	\$	-
11			Replace private drain connections, where ordered by the engineer. (Provisional)					
		a)	100mm diameter	25.0	L.M.	\$	\$	-
		b)	150mm diameter	50.0	L.M.	\$	\$	-
		c)	200mm diameter	25.0	L.M.	\$	\$	-
		d)	250mm diameter	10.0	L.M.	\$	\$	-
		e)	300mm diameter	10.0	L.M.	\$	\$	-
12	30.03 .06		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.	3.0	EACH	\$	\$	-
		b)	Valve box removals.	23.0	EACH	\$	\$	-
		c)	Manhole removals.	4.0	EACH	\$	\$	-

Addendum #2

13	30.20	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.						
	30.21	Contractor shall note that all commercial water service connections shall be excavated using Vacuum Truck paid under this item. Please price accordingly.						
	30.22							
	30.23	Install new <u>C904 PEX</u> (REHAU MUNICIPEX, IPEX BLUE904, OR APPROVED EQUIVELENT) OR						
		A) AQUAPURE PE-RT water service at locations as directed by the engineer.						
		i) 25mm diameter (1") Short Side	35.0	EACH	\$		\$	-
		ii) 25mm diameter (1") Long Side	15.0	EACH	\$		\$	-
		iii) 38mm diameter (1 1/2") Short Side (Provisional)	1.0	EACH	\$		\$	-
		iv) 38mm diameter (1 1/2") Long Side (Provisional)	1.0	EACH	\$		\$	-
		v) 50mm diameter (2") Short Side (Provisional)	1.0	EACH	\$		\$	-
		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	1.0	EACH	\$		\$	-
		iii) 25mm diameter (1") Short Side (Provisional)	1.0	EACH	\$		\$	-
		iv) 25mm diameter (1") Long Side (Provisional)	1.0	EACH	\$		\$	-
		C) Transfer existing copper or polyethylene 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	\$		\$	-	

Addendum #2

		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	\$		\$	-
		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)	5.0	EACH	\$		\$	-
14	30.25	Supply and install new meter pits as directed by the WUC engineer. (Provisional)	1.0	EACH	\$		\$	-
15	30.25	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	\$		\$	-
16	30.48 .03	Supply, place and compact sand backfill for additional watermain work as ordered by the engineer. (Provisional)	75.0	ONN	\$		\$	-
17	30.48 .04	Supply and place OPSS clear stone to backfill for additional watermain work as directed by the engineer. (Provisional)	50.0	ONN	\$		\$	-
18	30.48 .02	Supply, place and compact 0 - 7/8" OPSS granular 'A', to backfill for additional watermain work as directed by the engineer. (Provisional)	100.0	ONN	\$		\$	-
19	30.03 .03	Saw cutting pavement for watermain trenches as detailed on drawings.						
		a) Total depths 25mm - 150mm (Provisional)	100.0	L.M.	\$		\$	-
		b) Total depths 151mm - 300mm	2,500.0	L.M.	\$		\$	-
		c) Total depths 301mm - 450mm	500.0	L.M.	\$		\$	-
20	30.03 .04	pavements in watermain trenches as detailed on drawings.						
		A) Asphalt Pavements						
		i) Total depths 25mm - 150mm	250.0	S.M.	\$		\$	-
		ii) Total depths 151mm - 300mm (Provisional)	100.0	S.M.	\$		\$	-

Addendum #2

		B) Concrete Pavements with or without Asphalt Surface					
		i) Total depths 25mm - 150mm (Provisional)	100.0	S.M.	\$	\$	-
		ii) Total depths 151mm - 300mm	2,500.0	S.M.	\$	\$	-
		iii) Total depths 301mm - 450mm	500.0	S.M.	\$	\$	-
21	30.53 30.26	Supply and place temporary hotmix maintenance asphalt (handwork) in watermain trenches as directed by the engineer.					
		a) Total depths 25mm - 150mm (Provisional)	50.0	ONN	\$	\$	-
22	30.46 30.26	Supply and place temporary cold mix asphalt in watermain trenches as directed by the engineer.					
		a) Total depths 25mm - 150mm (Provisional)	50.0	ONN	\$	\$	-
23	30.61	Supply and maintain all traffic, delineators, barricades, lights, advanced warning signs, specialty signs, project signs and employ flag persons when and where necessary to control traffic, in keeping with the most recent Traffic Control Manual for Roadway Work Operations, published by Ministry of Transportation and Communications.	1.0	UNIT	\$	\$	-
24		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.	\$	\$	-
25		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)	10.0	S.M.	\$	\$	-
26		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	2.0	UNIT	\$	\$	-
		b) Deflections Up to 1.5 meters (Provisional)	1.0	UNIT	\$	\$	-
27		Provide a vacuum excavation truck to perform additional daylighting for any utilities not shown on the drawings and as directed by the engineer. (Provisional)	80.0	HRS	\$	\$	-
28		CONTINGENCY ALLOWANCE				\$	60,000.00

Addendum #2

TOTAL TENDERED PRICE - PART 'E' (INCLUDING CONTINGENCY, EXCLUDING HST)	\$ <u>60,000.00</u>
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**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD REHABILITATION
Ypres/Gladstone - TENDER NO. 56-21
SCHEDULE OF UNIT PRICES**

PART F: STREETLIGHT RECONSTRUCTION - YPRES

ITEM NO	SP 25	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	b.	Supply and Install Wiring: #4 Triplex aerial	2250	L.M.	\$	\$ 0.00
2	c.	Supply and Install Grounding: Ground rods	12	Each	\$	\$ 0.00
	c.	Ground plate at power supply locations	4	Each	\$	\$ 0.00
3	e.	Supply and Install Roadway Streetlight Luminaire: Supply and Install new fixture- NXT-36S-0-7-2ES-5- GY-3-UL-S-2H-0423	1	Each	\$	\$ 0.00
	e.	Existing street lights (NXT-24S) modify drivers from 450mA to 700mA	1	Each	\$	\$ 0.00
	e.	Existing street lights (NXT-24S) modify drivers from 450mA to 600mA	1	Each	\$	\$ 0.00
	e.	Existing street lights (NXT-24S) modify drivers from 600mA to 450mA	2	Each	\$	\$ 0.00
	e.	Existing street lights (NXT-48M) modify drivers from 700mA to 525mA	4	Each	\$	\$ 0.00
	e.	Relocate existing street lights (NXT-24S) on a new streetlight pole	34	Each	\$	\$ 0.00
	e.	Relocate existing street lights (NXT-24S) on a new streetlight pole and modify the driver settings from 600mA to 450mA	2	Each	\$	\$ 0.00
	e.	Relocate existing street lights (NXT-24S) on a new streetlight pole and modify the driver settings from 450mA to 600mA	4	Each	\$	\$ 0.00
	e.	Relocate existing street lights (NXT-36S) on a new streetlight pole P26 & P27 and modify the driver settings from 600mA to 525mA	2	Each	\$	\$ 0.00
	e.	Relocate existing street lights (NXT-24S) on a new streetlight pole and modify the driver settings from 525mA to 700mA	1	Each	\$	\$ 0.00
	e.	Relocate existing street lights (NXT-24S) on a new streetlight pole and modify the driver settings from 700mA to 450mA	2	Each	\$	\$ 0.00
	e.	Relocate existing street lights (NXT-24S) on a new streetlight pole and modify the driver settings from 450mA to 700mA	7	Each	\$	\$ 0.00
4		Supply and Install - Pole Assemblies & Mast Arms: Relocated existing 1.8m mast arm on new poles	22	Each	\$	\$ 0.00
	f.	Re-use existing 2.4m arm	1	Each	\$	\$ 0.00
	f.	New 1.8m mast arms (ALS-RE6M)	31	Each	\$	\$ 0.00
	f.	Reinstate existing a guy wire on a new pole	1	Each	\$	\$ 0.00

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD REHABILITATION
Ypres/Gladstone - TENDER NO. 56-21
SCHEDULE OF UNIT PRICES**

PART F: STREETLIGHT RECONSTRUCTION - YPRES

ITEM NO	SP 25	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
	f.	9.144 m Concrete Pole	54	Each	\$	\$ 0.00
5	g.	Supply and Install - Power Supply: Connection box c/w breakers and wirings	4	Each	\$	\$ 0.00
6	h.	Removals: Existing streetlight poles	54	Each	\$	\$ 0.00
	h.	Existing 2.4m mast arms	31	Each	\$	\$ 0.00
	i.	Existing overhead streetlight wiring, connections and power supplies	100%	ump Sur	\$	\$ 0.00
7		CONTINGENCY ALLOWANCE	100%	ump Sur	\$ ---	\$ 40,000.00
TOTAL TENDER PRICE - PART 'F' (INCLUDING CONTINGENCY, EXCLUDING HST)				\$	40000.00	

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
MATCHETTE ROAD - TENDER NO. 56-21
SCHEDULE OF UNIT PRICES**

TENDER SUMMARY

PART "A": GLADSTONE ROAD	\$	<u>50,000.00</u>
PART "B": GLADSTONE WATER	\$	<u>35,000.00</u>
PART "C": GLADSTONE ELECTRICAL	\$	<u>8,000.00</u>
PART "D": YPRES ROAD	\$	<u>200,000.00</u>
PART "E": YPRES WATER	\$	<u>60,000.00</u>
PART "F": YPRES ELECTRICAL	\$	<u>40000.00</u>
TOTAL TENDER PRICE	\$	<u>393,000.00</u>
PARTS: "A", "B", "C", "D", "E", & "F" (INCL. CONTINGENCY, ALLOWANCES AND EXCLUDING H.S.T.)		

BREAKDOWN

NOTE:

The Total Tender Price is submitted in compliance with the provisions of the

Labour	\$	<u> -</u>
Materials	\$	<u> -</u>
Equipment	\$	<u> -</u>
TOTAL TENDER PRICE	\$	<u><u> -</u></u>
PARTS: "A", "B", "C", "D", "E", & "F" (INCL. CONTINGENCY, ALLOWANCES AND EXCLUDING H.S.T.)		
HST	\$	<u> </u>