



**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. 3
TENDER NO. 32-21
ROAD AND WATERMAIN REHABILITATION – TECUMSEH ROAD EAST**

March 1, 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.

Please see attached Revised Schedule of Unit Pricing

Please replace the Schedule of Unit Pricing with the attached revised Schedule of Unit Pricing to fix formatting issues.

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

END OF ADDENDUM NO. 3

Yours truly,

THE CORPORATION OF THE CITY OF WINDSOR

Elaine Castellan

Elaine Castellan
Purchasing Supervisor
EC/jm

**ADDENDUM NO. 3
TENDER NO. 32-21
ROAD AND WATERMAIN REHABILITATION – TECUMSEH ROAD EAST**

March 1, 2021

I hereby acknowledge receipt of Addendum No. 3 for the Tender No. 32-21 (16 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 AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART A: ROAD RECONSTRUCTION

ITEM NO	CITS ID/ SP NO	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	001	Sawcutting - 0-150mm deep (PROVISIONAL)	490	L.M.	\$	\$ -
2	002	Sawcutting - 175-300mm deep (PROVISIONAL)	75	L.M.	\$	\$ -
3	003	Sawcutting - 325-400mm deep (PROVISIONAL)	75	L.M.	\$	\$ -
4	038	HARD SURFACE REMOVAL INCLUDING SAWCUT	3140	S.M.	\$	\$ -
5	009	Removal of residential concrete sidewalks / driveway approaches, and asphalt driveways	2650	S.M.	\$	\$ -
6	012	Remove regrade and reinstate interlocking brick drives/lead walks	5	S.M.	\$	\$ -
7	013	Remove existing catchbasins and connections and return old frames/lids to Crawford yard- Single	9	EA.	\$	\$ -
8	017	Removal of native material - road reconstruction	2355	C.M.	\$	\$ -
9	159	Install 6" diameter subdrains including granular bedding	610	L.M.	\$	\$ -
10	100	Granular "A" - road reconstruction	4150	Tonne	\$	\$ -
11	250	Construct curb and gutter - major sections	610	L.M.	\$	\$ -
12	021	Adjust elevations of existing catchbasins as required by Engineer	2	EA.	\$	\$ -
13	018	Adjust elevations of existing manhole frame and covers in conjunction with reconstruction operations	11	EA.	\$	\$ -
14	024	Adjust elevations of existing water valves / gas valves	13	EA.	\$	\$ -
15	257	Construction of new concrete residential sidewalk and driveway approaches	2050	S.M.	\$	\$ -
16	258	Construct concrete commercial driveways	600	S.M.	\$	\$ -
17	083	Cold milling asphalt - 0-150mm depth	6650	S.M.	\$	\$ -
18	204	Supply and place Superpave 19.0 base on roadways	2300	Tonne	\$	\$ -
19	207	Supply and place Superpave 12.5 FC2 surface asphalt on roadways	1150	Tonne	\$	\$ -
20	209	Tack coating	17500	S.M.	\$	\$ -
21	208	Supply and place HL3 or HL4 on driveways - hand-laid.	115	Tonne	\$	\$ -
22	405	Excavate for supply and place topsoil	80	C.M.	\$	\$ -
23	407	Supply and place sod	800	S.M.	\$	\$ -
24	408	Supply and place water on sodded areas	150	HR.	\$	\$ -
25	402	Supply and apply water for dust control	400	C.M.	\$	\$ -
26	403	Supply and apply calcium chloride for dust control	2	Tonne	\$	\$ -
27	302	Specialty signs	10	EA.	\$	\$ -
28	151	Supply and place catch basin including frame and cover. CICB	9	EA.	\$	\$ -
29	157	Supply and place catch basin connection. 200mm	165	L.M.	\$	\$ -
30	158	Supply / place Catch basin connection 250mm	55	L.M.	\$	\$ -
31	815	Cold miller (300mm to 1200mm cutter) with operator	15	HR.	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART A: ROAD RECONSTRUCTION

ITEM NO	CITS ID/ SP NO	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
32	816	Cold Miller (1.5m and wider) with operator	10	HR.	\$	\$ -
33	818	Tractor sweeper with operator	15	HR.	\$	\$ -
34	817	Vacuum sweeper with operator	15	HR.	\$	\$ -
35	832	Labourer	80	HR.	\$	\$ -
36	831	Foreperson and pickup	50	HR.	\$	\$ -
37	801	Solar message boards	14	Day	\$	\$ -
38	829	Flag person	400	HR.	\$	\$ -
39	160	Supply new catchbasin frame & covers	2	EA.	\$	\$ -
40	161	Supply new manhole frame & covers	11	EA.	\$	\$ -
41	177	Supply and install goss gully traps	9	EA.	\$	\$ -
42	025	Install manhole cover lift rings	10	EA.	\$	\$ -
43	822	Jack Hammer and compressor	1	Day	\$	\$ -
44	803	Rubber tire backhoe with operator	40	HR.	\$	\$ -
45	811	Triaxle dump truck with operator	60	HR.	\$	\$ -
46	269	Remove & replace short sections of curb and gutter <15LM	45	L.M.	\$	\$ -
47	266	Supply and place Unshrinkable Fill	25	C.M.	\$	\$ -
48	273	Tactile Markers	15	S.M.	\$	\$ -
49	301	Remove, salvage, and deliver all traffic signage to Traffic Engineering Yard (1269 Mercer Street, Windsor). Note: Where stop signs are disturbed, they MUST be reinstated IMMEDIATELY.	1	L.S.	\$	\$ -
50	307	Supply all labour and equipment to install "U" channel post (stanchions) at locations as directed by the City of Windsor Traffic Dept.	1	L.S.	\$	\$ -
51	216	Supply HL3, HL4, HL8 F.O.B asphalt	25	Tonne	\$	\$ -
52	279	Supply and Apply Crystal-Loc for Curb (Provisional)	920	L.M.	\$	\$ -
53	280	Supply and Apply Crystal-Loc for flatwork (Provisional)	4035	S.M.	\$	\$ -
54	281	Cold weather protection for curb (Provisional)	920	L.M.	\$	\$ -
55	282	Cold weather protection for flatwork (Provisional)	4035	S.M.	\$	\$ -
56	401	Cleaning of sewer / cb leads	1	L.S.	\$	\$ -
57	175	Contingency Allowance				\$ 160,000.00
TOTAL TENDER PRICE - PART 'A'						
(INCLUDING CONTINGENCY, EXCLUDING HST)						
				\$		160,000.00

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART B: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	30.08 30.13	A)	Supply and install new PVC watermain in the locations as shown on the Drawings.	30.0	L.M.	\$	\$ -
		ii)	200mm diameter pipe	36.0	L.M.	\$	\$ -
		iii)	250mm diameter pipe	6.0	L.M.	\$	\$ -
		iv)	300mm diameter pipe	462.0	L.M.	\$	\$ -
		v)	400mm diameter pipe	6.0	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.	6.0	L.M.	\$	\$ -
		a)	150mm diameter pipe (Provisonal)				
		b)	200mm diameter pipe	32.0	L.M.	\$	\$ -
		c)	300mm diameter pipe	38.0	L.M.	\$	\$ -
3	30.18 .01	A)	Supply and install valves	5.0	EACH	\$	\$ -
		ii)	200mm diameter	7.0	EACH	\$	\$ -
		iii)	250mm diameter	1.0	EACH	\$	\$ -
		iv)	300mm diameter	10.0	EACH	\$	\$ -
		B)	Install valve box extensions and extension stems as directed by the engineer.(Provisonal)	1.0	EACH	\$	\$ -
		i)	150mm Valve box Extension				
		ii)	300mm Valve box Extension	1.0	EACH	\$	\$ -
		iii)	Valve Extension Stem	1.0	L.M.	\$	\$ -
4	30.18 .04 30.19.0 1		Supply and install fully restrained fittings including all required bolts nuts gaskets etc in the location shown on the Drawings.	1.0	EACH	\$	\$ -
		a)	300mm 11 1/4° MJCL Elbows				
		b)	150mm 45° PVC Elbows	2.0	EACH	\$	\$ -
		c)	200mm 45° PVC Elbows	5.0	EACH	\$	\$ -
		d)	300mm 45° MJCL Elbows	6.0	EACH	\$	\$ -
		e)	150mm 90° PVC Elbows	2.0	EACH	\$	\$ -
		f)	200mm 90° PVC Elbows (Provisonal)	1.0	EACH	\$	\$ -
		g)	250mm 90° MJCL Elbows	1.0	EACH	\$	\$ -
		h)	300mm 90° MJCL Elbows (Provisonal)	1.0	EACH	\$	\$ -
		i)	150x150mm PVC Tees	1.0	EACH	\$	\$ -
		j)	200x150mm PVC Tees	1.0	EACH	\$	\$ -
		k)	300x150mm MJCL Tees	2.0	EACH	\$	\$ -
		l)	300x200mm MJCL Tees	5.0	EACH	\$	\$ -
		m)	300x250mm MJCL Tees	1.0	EACH	\$	\$ -
		n)	300x300mm MJCL Tees	2.0	EACH	\$	\$ -
		o)	200x150mm PVC Reducers	2.0	EACH	\$	\$ -
p)	300x150mm MJCL Reducers	1.0	EACH	\$	\$ -		
q)	400x300mm MJCL Reducers	1.0	EACH	\$	\$ -		
r)	150mm MJ Caps	4.0	EACH	\$	\$ -		

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART B: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		s)	200mm MJ Caps	2.0	EACH	\$	\$ -
		t)	250mm MJ Caps	1.0	EACH	\$	\$ -
		u)	300mm MJ Caps	6.0	EACH	\$	\$ -
		v)	400mm MJ Caps	1.0	EACH	\$	\$ -
		w)	200mm MJ Caps with 50mm galvanized blow off pipe and cap	2.0	EACH	\$	\$ -
		x)	300mm MJ Caps with 50mm galvanized blow off pipe and cap	2.0	EACH	\$	\$ -
		y)	300mm MJ Caps with 50mm Valve, Valve Box, 50mm galvanized blow off pipe and cap	1.0	EACH	\$	\$ -
		z)	150mm Couplings	4.0	EACH	\$	\$ -
		aa)	200mm Couplings	4.0	EACH	\$	\$ -
		bb)	250mm Couplings	1.0	EACH	\$	\$ -
		cc)	300mm Couplings	4.0	EACH	\$	\$ -
		dd)	400mm Couplings (Min 0.3m wide)	1.0	EACH	\$	\$ -
5	30.18 .03	A)	Supply and install fire hydrants (plugged) (Hydrant appurtenances included in items above).	1.0	EACH	\$	\$ -
		i)	Hydrant for 1.68m (5'6") Bury				
		ii)	Hydrant for 1.83m (6') Bury	2.0	EACH	\$	\$ -
		B)	Install Hydrant extensions as directed by the engineer. (Provisional)	1.0	EACH	\$	\$ -
		i)	150mm Extension				
		ii)	300mm Extension	1.0	EACH	\$	\$ -
6	30.32 .01 50.06 .02	a)	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)	1.0	UNIT	\$	\$ -
			Remove permanent blowoff and install backflow preventer on the Northeast corner of Tecumseh Rd E & Drouillard Rd. See D21-WS.0517D, STN 1+495				
		b)	After testing is complete remove backflow preventer and connect new watermain. See D21-WS.0517D, STN 1+495	1.0	UNIT	\$	\$ -
		c)	Tie in and abandonment of the existing watermain on Tecumseh Rd E, ~50m East of Walker Rd. See D21-WS.0517E, Detail 'A'	1.0	UNIT	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART B: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		d)	Tie in and abandonment of the existing water service to 2425 Tecumseh Rd E. See D21-WS.0517A, STN 1+110	1.0	UNIT	\$	\$ -
		e)	Tie in and abandonment of the existing watermain on the Northeast corner of Tecumseh Rd E & Factoria Rd. See D21-WS.0517E, Detail 'B'	1.0	UNIT	\$	\$ -
		f)	Tie in and abandonment of the existing watermain on the Northwest corner of Tecumseh Rd E & St. Luke Rd. See D21-WS.0517E, Detail 'C'	1.0	UNIT	\$	\$ -
		g)	Tie in and abandonment of the existing watermain on the Northeast corner of Tecumseh Rd E & St. Luke Rd. See D21-WS.0517E, Detail 'C'	1.0	UNIT	\$	\$ -
		h)	Tie in and abandonment of the existing watermain on the Northwest corner of Tecumseh Rd E & Albert Rd. See D21-WS.0517E, Detail 'D'	1.0	UNIT	\$	\$ -
		i)	Tie in and abandonment of the existing watermain on the Northwest corner of Tecumseh Rd E & Hickory Rd. See D21-WS.0517C, STN 1+395	1.0	UNIT	\$	\$ -
		j)	Tie in and abandonment of the existing watermain on the Northwest corner of Tecumseh Rd E & Drouillard Rd. See D21-WS.0517D, STN 1+475	1.0	UNIT	\$	\$ -
		k)	Tie in and abandonment of the existing watermain on the Southeast corner of Tecumseh Rd E & Drouillard Rd. See D21-WS.0517E, Detail 'E'	1.0	UNIT	\$	\$ -
		l)	Tie in and abandonment of the existing watermain on the Southeast corner of Tecumseh Rd E & Drouillard Rd. See D21-WS.0517E, Detail 'F'	1.0	UNIT	\$	\$ -
		m)	Cut and cap for abandonment of the existing watermains and reservice 2800 Tecumseh Rd E. (Windsor Family Credit Union) See D21-WS.0517D, STN 1+500	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.	22.0	EACH	\$	\$ -
8	30.18 .05		Supply and install foam swabs as directed by the engineer for the following pipe sizes:	3.0	EACH	\$	\$ -
		a)	100mm to 200mm diameter pipe sizes.				
		b)	250mm to 300mm diameter pipe sizes.	3.0	EACH	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART B: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT				
9	30.18 .08		Install chlorine risers in locations as directed by the engineer as per WUC detail.	1.0	EACH	\$	\$ -				
		a)	off 100mm to 200mm diameter pipe sizes. (Provisional)								
		b)	off 250mm to 300mm diameter pipe sizes.	1.0	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.	1.0	UNIT	\$	\$ -				
11			Replace private drain connections, where ordered by the engineer. (Provisional)	5.0	L.M.	\$	\$ -				
		a)	100mm diameter								
		b)	150mm diameter					10.0	L.M.	\$	\$ -
		c)	200mm diameter					15.0	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.	2.0	EACH	\$	\$ -				
		a)	Hydrant removals.								
		b)	Valve box removals.					10.0	EACH	\$	\$ -
		c)	Manhole removals.	3.0	EACH	\$	\$ -				
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.	2.0	EACH	\$	\$ -				
	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	A)	Install new polyethylene water service at locations as directed by the engineer.								
		i)	25mm diameter (1") Short Side								
	ii)	38mm diameter (1 1/2") Short Side (Provisional)	1.0	EACH	\$	\$ -					
	iii)	50mm diameter (2") Short Side (Provisional)	1.0	EACH	\$	\$ -					

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART B: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		B)	Install new copper water service at locations as directed by the engineer.	3.0	EACH	\$	\$ -
		i)	25mm diameter (1") Short Side				
		ii)	38mm diameter (1 1/2") Short Side (Provisional)	1.0	EACH	\$	\$ -
		iii)	50mm diameter (2") Short Side (Provisional)	1.0	EACH	\$	\$ -
		C)	Transfer existing copper or polyethylene services to new watermain at locations directed by the engineer.	1.0	EACH	\$	\$ -
		i)	25mm (Provisional)				
		ii)	38mm (Provisional)	1.0	EACH	\$	\$ -
		iii)	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)	1.0	EACH	\$	\$ -
		i)	25mm				
		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)	1.0	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)	100.0	TONNE	\$	\$ -
17	30.48 .04		Supply and place OPSS clear stone to backfill for additional watermain work as directed by the engineer. (Provisional)	50.0	TONNE	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART B: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
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)	75.0	TONNE	\$	\$ -
19	30.03 .03		Saw cutting pavement for watermain trenches as detailed on drawings.	100.0	L.M.	\$	\$ -
		a)	Total depths 25mm - 150mm (Provisional)				
		b)	Total depths 151mm - 300mm	250.0	L.M.	\$	\$ -
		c)	Total depths 301mm - 450mm	750.0	L.M.	\$	\$ -
20	30.03 .04		Excavate, remove and dispose of pavements in watermain trenches as detailed on drawings.	100.0	S.M.	\$	\$ -
		A) Asphalt Pavements					
		i)	Total depths 25mm - 150mm (Provisional)				
		ii)	Total depths 151mm - 300mm (Provisional)	100.0	S.M.	\$	\$ -
		B) Concrete Pavements with or without Asphalt Surface					
		i)	Total depths 25mm - 150mm (Provisional)	100.0	S.M.	\$	\$ -
		ii)	Total depths 151mm - 300mm	250.0	S.M.	\$	\$ -
		iii)	Total depths 301mm - 450mm	750.0	S.M.	\$	\$ -
21	30.53 30.26		Supply and place temporary hotmix maintenance asphalt (handwork) in watermain trenches as directed by the engineer.	50.0	TONNE	\$	\$ -
		a)	Total depths 25mm - 150mm (Provisional)				
22	30.46 30.26		Supply and place temporary cold mix asphalt in watermain trenches as directed by the engineer.	50.0	TONNE	\$	\$ -
		a)	Total depths 25mm - 150mm (Provisional)				

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART B: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
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. This item includes traffic control persons on site when required by book 7 to direct local and construction traffic in and out of the detour zone and also includes two electronic advanced warning signs set up two weeks in advance of the project and on site for the full duration of the project. This item will also include the cost of hiring a Windsor Police Officer on site to direct traffic at all times when traffic in signalized intersections will be impacted. This item will also include all costs associated with contacting, hiring and scheduling traffic engineering to extend the signal arms at the signalized intersections as shown on the traffic control plans.	1.0	UNIT	\$	\$ -
24			Supply and install 25MPA mass concrete thrust blocking as directed by the engineer complete with bond breaker. (Provisional)	5.0	C.M.	\$	\$ -
25			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.	\$	\$ -
26			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.	\$	\$ -
27			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)	1.0	UNIT	\$	\$ -
		a)	Deflections Up to 1 meter (Provisional)				

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART B: WATERMAIN CONSTRUCTION

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		b)	Deflections Up to 1.5 meters (Provisional)	1.0	UNIT	\$	\$ -
28			Provide a vacuum excavation truck to perform additional daylighting for any utilities not shown on the drawings and as directed by the engineer. (Provisional)	40.0	HRS	\$	\$ -
29		a)	WUC watermain related surface restoration beyond limits of new roadwork contract. Sawcut, remove and replace curb and gutter to City of Windsor specifications where ordered by the engineer.	25.0	L.M.	\$	\$ -
		b)	Sawcut, remove and replace concrete sidewalks for water service installation where ordered by the engineer.	50.0	S.M.	\$	\$ -
		c)	Supply and install tactile surface in municipal concrete sidewalks as per City Spec AS-548 and AS-549. (Provisional)	5.0	S.M.	\$	\$ -
		d)	Sawcut, remove and replace concrete driveways for water service installation where ordered by the engineer.	25.0	S.M.	\$	\$ -
		e)	Sawcut, remove and replace asphalt driveways for water service installation where ordered by the engineer.	25.0	S.M.	\$	\$ -
		f)	Supply and place sod in locations disturbed by water main / service work and maintain for 30 days, as directed by the engineer.	100.0	S.M.	\$	\$ -
		g)	Supply and place topsoil in locations as directed by the engineer.	15.0	C.M.	\$	\$ -
		h)	Provide water truck & operator and place water for sod as directed by the engineer.	40.0	HRS	\$	\$ -
30			Contingency Allowance				\$ 30,000.00
TOTAL TENDER PRICE - PART 'B'							
(INCLUDING CONTINGENCY, EXCLUDING HST)						\$	30,000.00

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART C: STREET LIGHTING

ITEM NO.	SP SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
1	SP 25		Supply and Install Rigid Ducts (Direct Buried): 53 mm conduit (Streetlights)	510	L.M.	\$	\$ -
2	SP 25	a.	Supply and Install Wiring: Streetlight wiring (2#6AWG RWU-90)	540	L.M.	\$	\$ -
		b.	Overhead Streetlight Wiring #4 Triplex (aerial)	30	L.M.	\$	\$ -
		c.	Riser wiring (2#12AWG RWU-90)	90	L.M.	\$	\$ -
3	SP 25	a.	Supply and Install Grounding: #6 AWG copper ground wire for streetlighting	540	L.M.	\$	\$ -
		b.	#12AWG copper ground riser wire for streetli	90	L.M.	\$	\$ -
		c.	Ground rods	1	Each	\$	\$ -
		d.	Ground plate at power supply location	1	Each	\$	\$ -
4	SP.25	a.	Supply and Install Road Crossing Concrete Encased RC-1, RC-2, RC-3 & RC-4	4	Each	\$	\$ -
5	SP 25	a.	Supply and Install Roadway Streetlight Luminaire: Supply and Install new fixture- NXT-48M-0-7-2ES-7-GY-3-UL-S-2H-0423	4	Each	\$	\$ -
		b.	Supply and Install new fixture- NXT-24S-0-7-2ES-5-GY-3-UL-S-2H-0423	1	Each	\$	\$ -
		c.	Supply and Install new fixture- NXT-24S-0-7-2ES-7-GY-3-UL-S-2H-0423	3	Each	\$	\$ -
		d.	Relocate existing streetlight NXT 48M from TP-1 to EHP-1	1	Each	\$	\$ -
		e.	Relocate existing streetlight NXT 24S from old pole to new ones	10	Each	\$	\$ -
		f.	Existing street lights (NXT-24S) modify drivers from 525mA to 700mA and relocate on new class D streetlight pole	1	Each	\$	\$ -
		g.	Existing street lights (NXT-24S) modify drivers from 600mA to 700mA on existing hydro pole	1	Each	\$	\$ -
		h.	Existing street lights (NXT-48M) modify drivers from 700mA to 600mA on existing traffic poles	4	Each	\$	\$ -
6	SP 25	a.	Supply and Install - Pole Assemblies & Mast Arms: Relocated existing 1.8m mast arm on new poles	11	Each	\$	\$ -
		b.	New 1.8m mast arms	3	Each	\$	\$ -
		c.	10.6 m Concrete Pole Class D	1	Each	\$	\$ -
		d.	9.144 m Concrete Pole Class B	10	Each	\$	\$ -
7	SP 25	a.	Supply and Install - Power Supply: Connection box c/w breakers (Supply A)	1	Each	\$	\$ -
		b.	Connection wire and conduits	100%	Lump Sum	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

PART C: STREET LIGHTING

ITEM NO.	SP SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
8	SP 25	a.	Removals: Existing steetlight poles	11	Each	\$	\$ -
		b.	Existing overhead streetlight wiring, connections on northside of Tecumseh Rd East	100%	Lump Sum	\$	\$ -
9			Contingency Allowance				\$ 10,000.00
TOTAL TENDER PRICE - PART 'C' (INCLUDING CONTINGENCY, EXCLUDING HST)						\$	10,000.00

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

TENDER SUMMARY

PART "A": ROAD RECONSTRUCTION	\$	<u>160,000.00</u>
PART "B": WATERMAIN CONSTRUCTION	\$	<u>30,000.00</u>
PART "C": STREET LIGHTING	\$	<u>10,000.00</u>
TOTAL TENDER PRICE	\$	<u><u>200,000.00</u></u>
PARTS: "A", "B", and "C" (INCL. CONTINGENCY, ALLOWANCES AND EXCLUDING H.S.T.)		

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
2021 ROAD AND WATERMAIN REHABILITATION
TECUMSEH ROAD EAST - TENDER NO. 32-21
SCHEDULE OF UNIT PRICES - REVISED ADDENDUM #3**

BREAKDOWN

NOTE:

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

Labour	\$	_____ -
Materials	\$	_____ -
Equipment	\$	_____ -
TOTAL TENDER PRICE	\$	_____ -
PART "A", PART "B", and PART "C" (Including Contingency, Allowances and Excluding HST)		
HST	\$	_____ -