



DAWN LAMONTAGNE
Purchasing Manager (A)

Jennifer Musson
Purchasing Supervisor (A)

(519) 255-6272
TELEPHONE NUMBER

ADDENDUM NO. 1
TENDER NO. 5-26
ROAD AND WATERMAIN REHABILITATION II – PETER, SOUTH AND COLLEGE
February 24, 2026

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 NOTE: The closing date has been extended to **ELEVEN-THIRTY FIFTY-NINE (11:30:59) A.M. (E.S.T.), MONDAY, MARCH 2ND, 2026.**

REVISIONS TO SPECIAL INFORMATION TO TENDERERS:

The following section(s) shall hereby be added in the Special Information to Tenderers:

Method of Payment (Section 20)

The Contractor will be paid on a monthly basis in the form of monthly payment certificates in compliance with the Construction Act, and the Corporation will retain a 10% holdback.

Summary sheets shall be made out by the City's representative, recording the work done and materials used. The reports shall be signed by both the Contractor and the Corporation's representative and used to verify the monthly progress certificate.

Certificate of Substantial Performance (Section 21)

Publication of the Certificate of Substantial Performance must be in a construction trade paper having circulation throughout Ontario for the publication to be in compliance with the Construction Act.

REVISIONS TO SPECIAL PROVISIONS:

The following section shall replace the corresponding section in the Special Provisions in its entirety:

Hard surface removal and excavation (Section 18)

The Contractor shall sawcut, break, remove, and dispose of existing asphalt pavement, including curb-and-gutter, and concrete base as directed by the Contracts Supervisor. Borehole logs are provided within the Soil Characterization Reports included in this Tender Document for reference.

All hard surface removal will be paid by the square meter regardless of thickness of hard surface. Excavation will be paid from the TOP of the existing hard surface to final sub grade.

Excavation of soil, native material, granular material, and maintenance stone, shall be paid under Item 10 of Part 'A', 'C', and 'E'. Disposal/Re-use of these soil and granular materials shall be paid under the

Section's related Excess Soil Management reuse and/or disposal item (Item No. 11 of Part 'A', 'C', and 'E').

Excavation and disposal of hard surface, including concrete base, will be paid under Item No. 3 of Part 'A', 'C', and 'E'. No measurement will be made for sawcutting.

The following section shall hereby be added in the Special Provisions:

Haul Routes (Section 25)

The Contractor is advised that various projects will be undertaken by the City as well as the local utility providers outside the limits of this contract. The works required beyond the limits of this contract may alter the haul route required to bring materials to the site or remove materials from the site. The Contractor is advised that **NO** additional remuneration shall be considered for the alteration of any haul routes required throughout the life of this contract. The Contractor is required to use existing truck routes for Haul Routes. The Contractor must have approval from the City of Windsor Executive Director of Operations for any deviation from truck routes.

Water Used for Compaction of Granular Materials (Section 26)

The Contractor shall note that the cost to supply and apply water to granular materials, required for compaction, shall be included in the unit price bid for the granular material.

No additional remuneration shall be considered for supply and application of water for compaction of granular materials.

Tree Trimming and Removal (Section 27)

The Contractor is required to hire one of the following endorsed companies to perform tree trimming/removal for the project, as required. The chosen company, Contractor, and City Forestry representative are to meet on site prior to trimming/removal and confirm the method.

The Contractor shall dispose of all wood branches, roots, leaves, stumps, etc., off the site. No burning of materials will be permitted.

The City of Windsor's Park Department (Forestry Division) endorses the following companies to perform 'Construction Tree Trimming' as required for City of Windsor Engineering Contracts.

Company	Contact	Street Address	City	Phone Number
Dan's Tree Service	Dan Landgraff	1508 Rossini Blvd.	Windsor	519.990.1627
Davey Tree Expert Co.	Joshua Locknick	9580 County Rd 42	Maidstone	519.791.2469
Forest Glade Tree Experts	Steve Haskell	3458 Faust St.	Windsor	519.944.2633
Green Tree Professional Tree Service Inc.	Erik Amonite	2892 Lakeshore Rd. 223	Lakeshore	519.872.5314

Company	Contact	Street Address	City	Phone Number
Neuheimer Tree Care & Consulting Inc.	Michael Neuheimer	2666 Princess Ave.	Windsor	519.980.2607

It is recommended that the Contractor visit the site prior to bidding on the tree trimming/removal items. No extras shall be paid arising from any difficulties stemming from issues related to the existing condition of the trees.

Any damage to a tree or tree roots determined to be a threat to the life of the tree will result in a monetary fine against the Contractor.

Cold Weather Concrete Protection (Section 28)

City of Windsor Standard Specifications S-9, SSMPP Item 16, and OPSS.MUNI 904 shall apply and govern as amended or extended herein.

The Contractor shall supply and install appropriate cold weather concrete protection per City of Windsor Standard Specification S-9, SSMPP Item 16, and OPSS.MUNI 904.

The Contractor shall be responsible for selecting and installing the appropriate concrete protection based on the forecasted temperatures over the course of the curing period. The Contractor shall maintain concrete protection for the duration of the curing period, including the adjustment of blanket thickness.

Measurement for cold weather concrete protection items for curb and gutters shall be made in linear meters, based on the length of the concrete curb and gutter that is to be protected.

Measurement for cold weather concrete protection items for concrete sidewalks and driveways shall be made in square meters, based on the surface area of the concrete that is to be protected.

The Contractor may elect to supply and place a single layer of blankets with the appropriate R Value for PM3, PM4 or supply and place multiple layers of blankets with a cumulative R Value which meets the requirements for PM3, PM4, as specified in OPSS.MUNI 904. Regardless of whether a single layer or multiple layers of blankets are used to achieve PM3 or PM4 R Value, length or surface area shall be paid out once under the appropriate cold weather concrete protection item in the Unit Pricing Schedule.

Payment for cold weather concrete protection items shall be made at the Unit Prices bid in the Unit Pricing Schedule and shall be compensation in full for all labour, equipment, and materials required to supply, install, maintain, adjust, and remove concrete protection.

REVISIONS TO UNIT PRICING SCHEDULE:

(Please see attached updated unit pricing schedule excel file)

PETER STREET PART 'A' - ROAD REHAB

The following item 10 is hereby replacing the corresponding line item in the Schedule of Unit Prices in its entirety:

050		(a) Excavate and grade all granular material and soil to subgrade, including granular road base, driveways, sidewalks, boulevards, and all maintenance stone. Refer to Special Provision #20.	1,800.0	C.M.	\$ -	\$ -
049	10	Excess Soil Management				
		(b) Reuse off-site at reuse site.	2,060.0	C.M.	\$ -	\$ -
051		(c) Dispose of contaminated excess soils as non-hazardous waste at an MECP Licensed Waste Disposal Site. (PROVISIONAL)	100.0	C.M.	\$ -	\$ -

The following item (27) is hereby replacing the corresponding line item in the Schedule of Unit Prices in its entirety:

The following items (37 to 45) are hereby replacing the corresponding line item in the Schedule of Unit Prices in its entirety:

			U	EA	\$ -	\$ -
27		Mill existing Asphalt pavement up to 150mm in Depth	4,700.0	S.M.	\$ -	\$ -
28		Supply & place HL4 Asphalt	1,320.0	TONNE	\$ -	\$ -
29		Supply & place HL3 Asphalt	520.0	TONNE	\$ -	\$ -
30		Supply & Place HL3 or HL4, Handwork	20.0	TONNE	\$ -	\$ -
31		Tack Coating	4,700.0	S.M.	\$ -	\$ -
32		Excavate, supply, place, and grade topsoil as per Standard Specification S34.	180.0	C.M.	\$ -	\$ -
33		Supply and place sod, including 60 day maintenance.	1,800.0	S.M.	\$ -	\$ -
34		Supply & Apply Water for Dust Control	300.0	C.M.	\$ -	\$ -
35		Supply & Apply Calcium for Dust Control	1.0	TONNE	\$ -	\$ -
36		Tree Trimming	1.0	L.S.	\$ -	\$ -
37		Labourer (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
38		Foreperson w/Pick-up (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
39		Flag Person during milling and paving (PROVISIONAL)	120.0	HOUR	\$ -	\$ -
40		Cold miller (300mm to 1200mm cutter) with operator (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
41		Tractor Sweeper w/Operator (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
42		Vacuum Sweeper Operated (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
43		Triaxle Dump Truck with Operator (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
44		Rubber Tired Backhoe with Operator (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
45		Jack Hammer & Compressor (PROVISIONAL)	1.0	DAY	\$ -	\$ -

SOUTH STREET PART 'C' – ROAD REHAB

The following item 10 is hereby replacing the corresponding line item in the Schedule of Unit Prices in its entirety:

515	10	(a) Excavate and grade all granular material and soil to subgrade, including granular road base, driveways, sidewalks, boulevards, and all maintenance stone. Refer to Special Provision #20.	1,000.0	C.M.	\$ -	\$ -
497		Excess Soil Management				
		(b) Reuse off-site at reuse site.	1,600.0	C.M.	\$ -	\$ -

The following items (33 to 41) are hereby replacing the corresponding line item in the Schedule of Unit Prices in its entirety:

33	Labourer (PROVISIONAL)	20.0	HOUR	\$	-	\$	-
34	Foreperson w/Pick-up (PROVISIONAL)	10.0	HOUR	\$	-	\$	-
35	Flag Person during milling and paving (PROVISIONAL)	70.0	HOUR	\$	-	\$	-
36	Cold miller (300mm to 1200mmcutter) with operator (PROVISIONAL)	10.0	HOUR	\$	-	\$	-
37	Tractor Sweeper w/Operator (PROVISIONAL)	10.0	HOUR	\$	-	\$	-
38	Vacuum Sweeper Operated (PROVISIONAL)	10.0	HOUR	\$	-	\$	-
39	Triaxle Dump Truck with Operator (PROVISIONAL)	20.0	HOUR	\$	-	\$	-
40	Rubber Tired Backhoe with Operator (PROVISIONAL)	20.0	HOUR	\$	-	\$	-
41	Jack Hammer & Compressor (PROVISIONAL)	1.0	DAY	\$	-	\$	-

COLLEGE AVENUE PART 'E' – ROAD REHAB

The following item 10 is hereby replacing the corresponding line item in the Schedule of Unit Prices in its entirety:

615	10	(a) Excavate and grade all granular material and soil to subgrade, including granular road base, driveways, sidewalks, boulevards, and all maintenance stone. Refer to Special Provision #20.	1,400.0	C.M.	\$	-	\$	-
498		Excess Soil Management						
		(b) Reuse off-site at reuse site.	2,050.0	C.M.		-	\$	-

The following items (33 to 41) are hereby replacing the corresponding line item in the Schedule of Unit Prices in its entirety:

33	Labourer (PROVISIONAL)	20.0	HOUR	\$	-	\$	-
34	Foreperson w/Pick-up (PROVISIONAL)	10.0	HOUR	\$	-	\$	-
35	Flag Person during milling and paving (PROVISIONAL)	50.0	HOUR	\$	-	\$	-
36	Cold miller (300mm to 1200mmcutter) with operator (PROVISIONAL)	10.0	HOUR	\$	-	\$	-
37	Tractor Sweeper w/Operator (PROVISIONAL)	10.0	HOUR	\$	-	\$	-
38	Vacuum Sweeper Operated (PROVISIONAL)	10.0	HOUR	\$	-	\$	-
39	Triaxle Dump Truck with Operator (PROVISIONAL)	20.0	HOUR	\$	-	\$	-
40	Rubber Tired Backhoe with Operator (PROVISIONAL)	20.0	HOUR	\$	-	\$	-
41	Jack Hammer & Compressor (PROVISIONAL)	1.0	DAY	\$	-	\$	-

REVISED AND ATTACHED:
Unit Pricing Schedule (24 Pages)

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

END OF ADDENDUM NO. 1

Yours truly,

THE CORPORATION OF THE CITY OF WINDSOR


Jennifer Musson
Purchasing Supervisor (A)

ADDENDUM NO. 1
TENDER NO. 5-26
ROAD AND WATERMAIN REHABILITATION II – PETER, SOUTH AND COLLEGE
February 24, 2026

I hereby acknowledge receipt of Addendum No. 1 to the Tender No. 5-26 (30 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.**

ADDENDUM #1

CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 5-26 ROAD REHAB II - PETER / SOUTH / COLLEGE SCHEDULE OF UNIT PRICES						
PART A: PETER STREET ROAD RECONSTRUCTION / MILL AND PAVE						
CITS ID	ITEM NO	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
001	1	Sawcutting Pavement - up to and including 150mm Deep (PROVISIONAL)	50.0	L.M.	\$ -	\$ -
002	2	Sawcutting Pavement - 175mm to 300mm Deep (PROVISIONAL)	50.0	L.M.	\$ -	\$ -
038	3	Sawcut, break and remove existing asphalt/ concrete pavement, including curb and gutter, as directed by the Contracts Supervisor	3,200.0	S.M.	\$ -	\$ -
009	4	Sawcut, Break, remove and dispose existing asph/conc sidewalks and driveways	1,500.0	S.M.	\$ -	\$ -
013	5	Catchbasin Removal & Disposal and return old frames /lids to Crawford Yard - Single CB	8.0	EACH	\$ -	\$ -
151	6	Supply & install new catchbasin with box out, adjustments, and curb inlet frame and cover	8.0	EACH	\$ -	\$ -
157	7	Supply & Install 200mm dia. PVC pipe and fittings for catchbasin connections including Granular bedding and Granular 'A' backfill	50.0	L.M.	\$ -	\$ -
158	8	Supply & Install 250mm dia. PVC pipe and fittings for catchbasin connections including Granular bedding and Granular 'A' backfill (PROVISIONAL)	20.0	L.M.	\$ -	\$ -
177	9	SUPPLY AND INSTALL goss gully traps (PROVISIONAL)	8.0	EACH	\$ -	\$ -
050	10	(a) Excavate and grade all granular material and soil to subgrade, including granular road base, driveways, sidewalks, boulevards, and all maintenance stone. Refer to Special Provision #22.	1,800.0	C.M.	\$ -	\$ -
049		Excess Soil Management				
		(b) Reuse off-site at reuse site.	2,060.0	C.M.	\$ -	\$ -
051		(c) Dispose of contaminated excess soils as non-hazardous waste at an MECP Licensed Waste Disposal Site. (PROVISIONAL)	100.0	C.M.	\$ -	\$ -
159	1	Install 6" diameter sub drains including granular bedding	600.0	L.M.	\$ -	\$ -
100	2	Supply, Place, Compact Granular A - Major Areas	3,500.0	TONNE	\$ -	\$ -
297	3	Sawcut, Remove, and replace minor sections of Standard Curb and Gutter. (15 meters & under)	20.0	L.M.	\$ -	\$ -
250	4	Construct new standard concrete curb & gutter -Major sections	600.0	L.M.	\$ -	\$ -
021	5	Adjust existing catchbasin frame and cover, including new boxout.	4.0	EACH	\$ -	\$ -
106	6	Supply, Place & Compact Granular A material for Gravel Driveways	25.0	TONNE	\$ -	\$ -
257	7	Construct residential concrete sidewalks & driveways including 100mm granular base	1,000.0	S.M.	\$ -	\$ -
258	8	Construct commercial concrete sidewalks & driveways including 100mm granular base	500.0	S.M.	\$ -	\$ -
012	9	Remove, regrade and reinstate interlocking brick driveways and leadwalks including screenings for leveling course.	15.0	S.M.	\$ -	\$ -
161	10	Supply New Manhole Frame & Cover	5.0	EACH	\$ -	\$ -
018	11	Adjust Elevation of Manhole Frame & Cover	5.0	EACH	\$ -	\$ -
514	12	SUPPLY AND INSTALL plastic manhole cover lift rings in conjunction with the placement of surface asphalt.	3.0	EACH	\$ -	\$ -
160	13	Supply New Catchbasin Frame & Cover (PROVISIONAL)	2.0	EACH	\$ -	\$ -
024	14	Adjust Existing Water / Gas Valves	4.0	EACH	\$ -	\$ -
017	15	SUPPLY AND INSTALL riser rings to adjust elevations of existing water valves / gas valves in conjunction with milling and paving	3.0	EACH	\$ -	\$ -
235	16	Mill existing Asphalt pavement up to 150mm in Depth	4,700.0	S.M.	\$ -	\$ -
200	17	Supply & place HL4 Asphalt	1,320.0	TONNE	\$ -	\$ -

ADDENDUM #1

CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 5-26 ROAD REHAB II - PETER / SOUTH / COLLEGE SCHEDULE OF UNIT PRICES						
PART A: PETER STREET ROAD RECONSTRUCTION / MILL AND PAVE						
CITS ID	ITEM NO	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
201	18	Supply & place HL3 Asphalt	520.0	TONNE	\$ -	\$ -
208	19	Supply & Place HL3 or HL4, Handwork	20.0	TONNE	\$ -	\$ -
209	20	Tack Coating	4,700.0	S.M.	\$ -	\$ -
727	21	Excavate, supply, place, and grade topsoil as per Standard Specification S34.	180.0	C.M.	\$ -	\$ -
407	22	Supply and place sod, including 60 day maintenance.	1,800.0	S.M.	\$ -	\$ -
402	23	Supply & Apply Water for Dust Control	300.0	C.M.	\$ -	\$ -
403	24	Supply & Apply Calcium for Dust Control	1.0	TONNE	\$ -	\$ -
415	25	Tree Trimming	1.0	L.S.	\$ -	\$ -
832	26	Labourer (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
831	27	Foreperson w/Pick-up (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
829	28	Flag Person during milling and paving (PROVISIONAL)	120.0	HOUR	\$ -	\$ -
815	29	Cold miller (300mm to 1200mm cutter) with operator (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
818	30	Tractor Sweeper w/Operator (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
817	31	Vacuum Sweeper Operated (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
811	32	Triaxle Dump Truck with Operator (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
803	33	Rubber Tired Backhoe with Operator (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
822	34	Jack Hammer & Compressor (PROVISIONAL)	1.0	DAY	\$ -	\$ -
266	35	Supply and place unshrinkable backfill as directed	25.0	C.M.	\$ -	\$ -
273	36	Supply & install tactile surface indicators	8.0	S.M.	\$ -	\$ -
401	37	Cleaning of Catchbasins/Manholes/Sewers	1.0	LUMP SUM	\$ -	\$ -
302	38	Supply and place specialty signs	2.0	EACH	\$ -	\$ -
301	39	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.	1.0	LUMP SUM	\$ -	\$ -
307	40	Supply all labour and equipment to install "U" channel post (stanchions) at locations as directed by the City of Windsor Traffic Dept.	1.0	LUMP SUM	\$ -	\$ -
279	41	Supply & apply Crystal-Lok for curb (PROVISIONAL)	600.0	L.M.	\$ -	\$ -
280	42	Supply & apply Crystal-Lok for flatwork (PROVISIONAL)	1,500.0	S.M.	\$ -	\$ -
	43	Provide cold weather protection for curb and gutter (PROVISIONAL)				
241		a) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM1	600.0	L.M.	\$ -	\$ -
242		b) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM2	600.0	L.M.	\$ -	\$ -
243		c) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM3	600.0	L.M.	\$ -	\$ -
	44	Provide cold weather protection for commercial flatwork (PROVISIONAL)				
244		a) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM1	1,500.0	S.M.	\$ -	\$ -
245		b) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM2	1,500.0	S.M.	\$ -	\$ -
246		c) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM3	1,500.0	S.M.	\$ -	\$ -
053	45	Submission fo Excess Soil destination Assessment Report (ESDAR) prepared by a Qualified Person	1.0	LUMP SUM	\$ -	\$ -
998	46	Contingency Allowance			\$ 90,000.00	\$ 90,000.00
TOTAL TENDER PRICE - PETER STREET - PART 'A' (Including Contingency and Excluding H.S.T.)					\$	<u>90,000.00</u>

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 05-26
ROAD REHABILITATION II - COLLEGE, PETER, SOUTH**

PART B: WATERMAIN CONSTRUCTION (PETER ST)

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	6.0	L.M.	\$	\$	-
			ii) 200mm diameter pipe	6.0	L.M.	\$	\$	-
		iii)	300mm diameter pipe	258.0	L.M.	\$	\$	-
2	30.08 .08	a)	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.					
			300mm diameter pipe (Provisional)	10.0	L.M.	\$	\$	-
3	30.18 .01	A)	Supply and install valves					
			<u>Gate Valves</u>					
			i) 150mm diameter	1.0	EACH	\$	\$	-
			ii) 200mm diameter	1.0	EACH	\$	\$	-
			iii) 300mm diameter	2.0	EACH	\$	\$	-
			<u>Tapping Valves</u>					
			i) 200mm diameter	1.0	EACH	\$	\$	-
			C) Install valve box extensions and extension stems. (Provisional)					
i) Valve box extension or Valve box threaded riser	1.0	EACH	\$	\$	-			
		ii)	Valve extension stem	1.0	L.M.	\$	\$	-
4	30.18 .04 30.19 .01	a)	Supply and install fully restrained fittings including all required bolts nuts gaskets etc in the location shown on the Drawings.					
			300x200mm Tapping Sleeves	1.0	EACH	\$	\$	-
			200mm 45° PVC Elbows	1.0	EACH	\$	\$	-
			300mm 45° Elbows	3.0	EACH	\$	\$	-
			150mm 90° PVC Elbows (Provisional)	1.0	EACH	\$	\$	-
			200mm 90° PVC Elbows	2.0	EACH	\$	\$	-
			300mm 90° Elbows (Provisional)	1.0	EACH	\$	\$	-
			300x150mm Tees	1.0	EACH	\$	\$	-
			300x200mm Tees	1.0	EACH	\$	\$	-
			300x200mm Reducers	1.0	EACH	\$	\$	-
			200mm MJ Caps	1.0	EACH	\$	\$	-
			300mm MJ Caps	2.0	EACH	\$	\$	-
			300mm MJ Caps with 50mm galvanized blowoff pipe and cap	1.0	EACH	\$	\$	-
200mm Couplings	1.0	EACH	\$	\$	-			

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 05-26
ROAD REHABILITATION II - COLLEGE, PETER, SOUTH**

PART B: WATERMAIN CONSTRUCTION (PETER ST)

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		n)	300mm Couplings	2.0	EACH	\$	\$ -
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	1.0	EACH	\$	\$ -
		ii)	Hydrant for 1.83m (6') Bury (Provisional)	1.0	EACH	\$	\$ -
		B)	Install hydrant extensions. (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 and any additional materials needed for connection are to be included in appropriate items)				
		a)	Connect to the existing watermain using a tapping sleeve and valve on the Southeast corner of Peter St & Mill St. See D26-WS.0669C, Detail 'A'	1.0	UNIT	\$	\$ -
		b)	After testing is complete remove backflow preventer and connect new watermain. See D26-WS.0669C, Detail 'A'	1.0	UNIT	\$	\$ -
		c)	Tie in and abandonment of the existing water service to 378 Brock St. See D26-WS.0669A, STN 0+078	1.0	UNIT	\$	\$ -
		d)	Tie in and abandonment of the existing watermain on the Northeast corner of Peter St & Brock St. See D26-WS.0669A, STN 0+012	1.0	UNIT	\$	\$ -
e)	Tie in and abandonment of the existing watermain on the Southeast corner of Peter St & Mill St. See D26-WS.0669C, Detail 'A'	1.0	UNIT	\$	\$ -		
7	30.19 .01		Supply and install 24lb zinc anodes on existing metallic watermains. (Provisional)	1.0	EACH	\$	\$ -
8	30.18 .05		Supply and install foam swabs.				
		a)	250mm to 300mm diameter pipe sizes.	1.0	EACH	\$	\$ -
9	30.18 .08		Install chlorine/air relief risers.				
		a)	off 250mm to 300mm diameter pipe sizes.	1.0	EACH	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 05-26
ROAD REHABILITATION II - COLLEGE, PETER, SOUTH**

PART B: WATERMAIN CONSTRUCTION (PETER ST)

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
10	30.18 .06		Install all temporary blowoff assemblies and proper hoses in the locations shown on the drawings for testing and remove same after testing is complete and assist WUC forces during swabbing, flushing, chlorination, and testing. (All temporary materials (bends, caps, etc.) required for testing are to be included in this item and will not be paid for in item 4)	1.0	UNIT	\$	\$ -
11			Replace private drain connections or mainline sewer including required couplings. (Provisional)				
		a)	100mm diameter	10.0	L.M.	\$	\$ -
		b)	150mm diameter	25.0	L.M.	\$	\$ -
		c)	200mm diameter	10.0	L.M.	\$	\$ -
		d)	250mm diameter	5.0	L.M.	\$	\$ -
		e)	300mm diameter	5.0	L.M.	\$	\$ -
12	30.20 30.21 30.22 30.23		After the new watermain is in service, supply and install new water services as per WUC Specifications and WUC Standards Drawing. All commercial water service connections shall be excavated using Vacuum Truck paid under this item. Please price accordingly.				
		A)	Install new <u>C904 PEX</u> (REHAU MUNICIPEX, IPEX BLUE904, OR APPROVED EQUIVELENT) water service.				
		i)	25mm diameter (1") Short Side	12.0	EACH	\$	\$ -
		ii)	25mm diameter (1") Long Side	6.0	EACH	\$	\$ -
		iii)	38mm diameter (1 1/2") Short Side	1.0	EACH	\$	\$ -
		iv)	38mm diameter (1 1/2") Long Side	4.0	EACH	\$	\$ -
		v)	50mm diameter (2") Short Side	1.0	EACH	\$	\$ -
		vi)	50mm diameter (2") Long Side (Provisional)	1.0	EACH	\$	\$ -
		B)	Install new <u>copper</u> water service.				
		i)	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	\$	\$ -
		vii)	50mm diameter (2") Short Side (Provisional)	1.0	EACH	\$	\$ -
		viii)	50mm diameter (2") Long Side (Provisional)	1.0	EACH	\$	\$ -
		C)	Transfer existing copper or polyethylene services to new watermain.				
		a)	25mm	1.0	EACH	\$	\$ -
		b)	38mm (Provisional)	1.0	EACH	\$	\$ -

<p style="text-align: center;">CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 05-26 ROAD REHABILITATION II - COLLEGE, PETER, SOUTH</p>							
<p>PART B: WATERMAIN CONSTRUCTION (PETER ST)</p>							
ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		c)	50mm (Provisional)	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. (Provisional)				
		i)	25mm	1.0	EACH	\$	\$ -
		ii)	38mm	1.0	EACH	\$	\$ -
		E)	Hire a WUC approved licensed plumber as directed by the Engineer. (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)	2.0	EACH	\$	\$ -
		G)	Connection of water service that requires additional miscellaneous couplings/reducers to connect to piping that cannot be connected with one transitional/reducer coupling. (Provisional)	2.0	EACH	\$	\$ -
13	30.25	a)	Supply and install new meter pits. (Provisional)	1.0	EACH	\$	\$ -
		b)	Install new water meter or relocated existing meter in new meter pit complete with copper risers and fittings. (Provisional)	1.0	EACH	\$	\$ -
14	30.03 .06	a)	Excavate and remove abandoned hydrants, close old valves and remove old valve boxes, and manholes. Hydrant removals.	2.0	EACH	\$	\$ -
		b)	Valve box removals.	5.0	EACH	\$	\$ -
		c)	Manhole removals.	1.0	EACH	\$	\$ -
15	30.48 .03		Supply, place and compact sand backfill for additional watermain work. (Provisional)	75.0	TONNE	\$	\$ -
16	30.48 .04		Supply and place OPSS clear stone to backfill for additional watermain work. (Provisional)	100.0	TONNE	\$	\$ -
17	30.48 .02		Supply, place and compact 0 - 7/8" OPSS granular 'A', to backfill for additional watermain. (Provisional)	50.0	TONNE	\$	\$ -
18	30.03 .03	a)	Saw cutting pavement for watermain trenches as detailed on drawings. Total depths 25mm - 150mm (Provisional)	50.0	L.M.	\$	\$ -
		b)	Total depths 151mm - 300mm	500.0	L.M.	\$	\$ -
		c)	Total depths 301mm - 450mm (Provisional)	50.0	L.M.	\$	\$ -
19	30.03 .04	A)	Excavate, remove and dispose of pavements in watermain trenches as detailed on drawings. Asphalt, Concrete or Composite Pavement				
		i)	Total depths 25mm - 150mm (Provisional)	50.0	S.M.	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 05-26
ROAD REHABILITATION II - COLLEGE, PETER, SOUTH**

PART B: WATERMAIN CONSTRUCTION (PETER ST)

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		ii)	Total depths 151mm - 300mm	500.0	S.M.	\$	\$ -
		iii)	Total depths 301mm - 450mm (Provisional)	50.0	S.M.	\$	\$ -
20	30.53 30.26		Supply and place temporary maintenance asphalt in watermain trenches. (Provisional)				
		a)	Hot mix	25.0	TONNE	\$	\$ -
	30.46	b)	Cold mix	25.0	TONNE	\$	\$ -
21	30.61		Contractor to prepare traffic control plan and 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	\$	\$ -
22			Supply and install N.S.F. 'U-fill' to City Spec S-24 for backfill. (Provisional)	5.0	C.M.	\$	\$ -
23			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.	\$	\$ -
24			Provide a vacuum excavation truck with two operators to perform additional daylighting for any utilities not shown on the drawings and as directed by the engineer. (Provisional)	40.0	HRS	\$	\$ -
25			Sewer cleaning to allow for camera inspection. Disposal of <u>solid</u> materials collected during this process to be included in this item.	20.0	HRS	\$	\$ -
26			Sewer PDC locating and CCTV camera inspection using a City approved contractor equipped with lateral launch camera equipment. Submit CCTV report in searchable pdf format and video electronically via USB or FTP site with station of each PDC from sewer manholes. (Provisional)	10.0	EACH	\$	\$ -
27			CCTV Inspection of sewer PDC's as directed by the engineer. Include submission of CCTV report and video electronically via USB or FTP site. Report shall be provided in searchable pdf format. (Provisional)	10.0	HRS	\$	\$ -
28			CONTINGENCY ALLOWANCE			\$	25,000.00
TOTAL TENDERED PRICE - PART 'B' (INCLUDING CONTINGENCY, EXCLUDING HST)						\$	25,000.00

ADDENDUM #1

<p align="center">CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 5-26 ROAD REHAB II - PETER / SOUTH / COLLEGE SCHEDULE OF UNIT PRICES</p>						
<p>PART C: SOUTH STREET ROAD RECONSTRUCTION / MILL AND PAVE</p>						
CITS ID	ITEM NO	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
500	1	Sawcutting Pavement - up to and including 150mm Deep (PROVISIONAL)	50.0	L.M.	\$ -	\$ -
501	2	Sawcutting Pavement - 175mm to 300mm Deep (PROVISIONAL)	50.0	L.M.	\$ -	\$ -
592	3	Sawcut, break and remove existing asphalt/ concrete pavement, including curb and gutter, as directed by the Contracts Supervisor	1,600.0	S.M.	\$ -	\$ -
555	4	Sawcut, break, remove, and dispose of existing asphalt / concrete driveway approaches, and sidewalks where directed by Contract Supervisor	1,400.0	S.M.	\$ -	\$ -
507	5	Catchbasin Removal & Disposal and return old frames /lids to Crawford Yard - Single CB	6.0	EACH	\$ -	\$ -
525	6	Supply & install new catchbasin with box out, adjustments, and curb inlet frame and cover	6.0	EACH	\$ -	\$ -
527	7	Supply & Install 200mm dia. PVC pipe and fittings for catchbasin connections including Granular bedding and Granular 'A' backfill	40.0	L.M.	\$ -	\$ -
528	8	Supply & Install 250mm dia. PVC pipe and fittings for catchbasin connections including Granular bedding and Granular 'A' backfill (PROVISIONAL)	20.0	L.M.	\$ -	\$ -
526	9	SUPPLY AND INSTALL goss gully traps (PROVISIONAL)	6.0	EACH	\$ -	\$ -
515	10	(a) Excavate and grade all granular material and soil to subgrade, including granular road base, driveways, sidewalks, boulevards, and all maintenance stone. Refer to Special Provision #22.	1,000.0	C.M.	\$ -	\$ -
497		Excess Soil Management (b) Reuse off-site at reuse site.	1,600.0	C.M.	\$ -	\$ -
530	1	Install 6" diameter sub drains including granular bedding	360.0	L.M.	\$ -	\$ -
521	2	Supply, Place, Compact Granular A - Major Areas	1,800.0	TONNE	\$ -	\$ -
560	3	Sawcut, Remove, and replace minor sections of Standard Curb and Gutter. (15 meters & under)	20.0	L.M.	\$ -	\$ -
559	4	Construct new standard concrete curb & gutter -Major sections	360.0	L.M.	\$ -	\$ -
512	5	Adjust existing catchbasin frame and cover, including new boxout.	2.0	EACH	\$ -	\$ -
523	6	Supply, Place & Compact Granular A material for Gravel Driveways	50.0	TONNE	\$ -	\$ -
597	7	Construct residential concrete sidewalks & driveways including 100mm granular base	1,200.0	S.M.	\$ -	\$ -
591	8	Construct commercial concrete sidewalks & driveways including 100mm granular base	100.0	S.M.	\$ -	\$ -
548	9	Supply New Manhole Frame & Cover	5.0	EACH	\$ -	\$ -
509	10	Adjust Elevation of Manhole Frame & Cover	5.0	EACH	\$ -	\$ -
547	11	Supply New Catchbasin Frame & Cover	2.0	EACH	\$ -	\$ -
514	12	SUPPLY AND INSTALL plastic manhole cover lift rings in conjunction with the placement of surface asphalt. (PROVISIONAL)	5.0	EACH	\$ -	\$ -
535	13	Mill existing Asphalt pavement up to 150mm in Depth	1,050.0	S.M.	\$ -	\$ -
513	14	Adjust Existing Water / Gas Valves	5.0	EACH	\$ -	\$ -
536	15	Supply & place HL4 Asphalt	430.0	TONNE	\$ -	\$ -
542	16	Supply & Place HL3 or HL4, Handwork	40.0	TONNE	\$ -	\$ -

ADDENDUM #1

<p style="text-align: center;">CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 5-26 ROAD REHAB II - PETER / SOUTH / COLLEGE SCHEDULE OF UNIT PRICES</p>						
<p>PART C: SOUTH STREET ROAD RECONSTRUCTION / MILL AND PAVE</p>						
CITS ID	ITEM NO	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
569	17	Excavate, supply, place, and grade topsoil as per Standard Specification S34.	170.0	C.M.	\$ -	\$ -
570	18	Supply and place sod, including 60 day maintenance.	1,700.0	S.M.	\$ -	\$ -
567	19	Supply & Apply Water for Dust Control	200.0	C.M.	\$ -	\$ -
568	20	Supply & Apply Calcium for Dust Control	1.0	TONNE	\$ -	\$ -
571	21	Tree Trimming	1.0	L.S.	\$ -	\$ -
588	22	Labourer (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
587	23	Foreperson w/Pick-up (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
586	24	Flag Person during milling and paving (PROVISIONAL)	70.0	HOUR	\$ -	\$ -
578	25	Cold miller (300mm to 1200mm cutter) with operator (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
581	26	Tractor Sweeper w/Operator (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
580	27	Vacuum Sweeper Operated (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
577	28	Triaxle Dump Truck with Operator (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
575	29	Rubber Tired Backhoe with Operator (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
585	30	Jack Hammer & Compressor (PROVISIONAL)	1.0	DAY	\$ -	\$ -
595	31	Supply and place unshrinkable backfill as directed	20.0	C.M.	\$ -	\$ -
596	32	Supply & install tactile surface indicators	10.0	S.M.	\$ -	\$ -
531	33	Cleaning of Catchbasins/Manholes/Sewers	1.0	LUMP SUM	\$ -	\$ -
566	34	Supply and place specialty signs	2.0	EACH	\$ -	\$ -
564	35	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.	1.0	LUMP SUM	\$ -	\$ -
565	36	Supply all labour and equipment to install "U" channel post (stanchions) at locations as directed by the City of Windsor Traffic Dept.	1.0	LUMP SUM	\$ -	\$ -
593	37	Supply & apply Crystal-Lok for curb (PROVISIONAL)	360.0	L.M.	\$ -	\$ -
594	38	Supply & apply Crystal-Lok for flatwork (PROVISIONAL)	1,200.0	S.M.	\$ -	\$ -
549	39	Provide cold weather protection for curb and gutter (PROVISIONAL)				
		a) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM1	360.0	L.M.	\$ -	\$ -
550		b) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM2	360.0	L.M.	\$ -	\$ -
551		c) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM3	360.0	L.M.	\$ -	\$ -
	40	Provide cold weather protection for commercial flatwork (PROVISIONAL)				
552		a) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM1	1,200.0	S.M.	\$ -	\$ -
553		b) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM2	1,200.0	S.M.	\$ -	\$ -
554		c) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM3	1,200.0	S.M.	\$ -	\$ -
053	41	Submission fo Excess Soil destination Assessment Report (ESDAR) prepared by a Qualified Person	1.0	LUMP SUM	\$ -	\$ -
590	42	Contingency Allowance			\$ 50,000.00	\$ 50,000.00
TOTAL TENDER PRICE - SOUTH STREET - PART 'C' (Including Contingency and Excluding H.S.T.)					\$	<u>50,000.00</u>

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 05-26
ROAD REHABILITATION II - COLLEGE, PETER, SOUTH**

PART D: WATERMAIN CONSTRUCTION (SOUTH ST)

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		12.0	L.M.	\$	\$	-	
	ii) 200mm diameter pipe		288.0	L.M.	\$	\$	-	
		iii)	300mm diameter pipe	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)	200mm diameter pipe (Provisional)	10.0	L.M.	\$	\$	-
3	30.18 .01	A)	Supply and install valves					
			<u>Gate Valves</u>					
			i) 150mm diameter	4.0	EACH	\$	\$	-
			ii) 200mm diameter	6.0	EACH	\$	\$	-
			B) Install valve box extensions and extension stems. (Provisional)					
		i)	Valve box extension or Valve box threaded riser	1.0	EACH	\$	\$	-
		ii)	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	4.0	EACH	\$	\$	-
		b)	200mm 45° PVC Elbows	3.0	EACH	\$	\$	-
		c)	300mm 45° Elbows (Provisional)	1.0	EACH	\$	\$	-
		d)	150mm 90° PVC Elbows	2.0	EACH	\$	\$	-
		e)	200mm 90° PVC Elbows (Provisional)	1.0	EACH	\$	\$	-
		f)	300x200mm Cross	1.0	EACH	\$	\$	-
		g)	200x150mm PVC Tees	4.0	EACH	\$	\$	-
		h)	200x200mm PVC Tees	1.0	EACH	\$	\$	-
		i)	300x200mm Tees (Provisional)	1.0	EACH	\$	\$	-
		j)	200x150mm PVC Reducers	1.0	EACH	\$	\$	-
		k)	150mm MJ Caps	4.0	EACH	\$	\$	-
		l)	200mm MJ Caps	2.0	EACH	\$	\$	-
m)	200mm MJ Caps with 50mm galvanized blowoff pipe and cap	1.0	EACH	\$	\$	-		

<p style="text-align: center;">CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 05-26 ROAD REHABILITATION II - COLLEGE, PETER, SOUTH</p>							
<p>PART D: WATERMAIN CONSTRUCTION (SOUTH ST)</p>							
ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		n)	150mm Couplings	4.0	EACH	\$	\$ -
		o)	200mm Couplings	2.0	EACH	\$	\$ -
		p)	300mm Couplings	2.0	EACH	\$	\$ -
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 (Provisional)	1.0	EACH	\$	\$ -
		ii)	Hydrant for 1.83m (6') Bury	1.0	EACH	\$	\$ -
		B)	Install hydrant extensions. (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 and any additional materials needed for connection are to be included in appropriate items)				
			Tie in and abandonment of the existing watermain on the Northeast corner of South St & Peter St.				
		a)	See D26-WS.0671A, STN 0+025	1.0	UNIT	\$	\$ -
		b)	Tie in and abandonment of the existing watermain on the Northwest corner of South St & Queen St. See D26-WS.0671A, STN 0+117	1.0	UNIT	\$	\$ -
		c)	Tie in and abandonment of the existing watermain on the Northeast corner of South St & Cross St. See D26-WS.0671B, STN 0+173	1.0	UNIT	\$	\$ -
		d)	Tie in and abandonment of the existing watermain on the Northeast corner of South St & King St. See D26-WS.0671B, STN 0+219	1.0	UNIT	\$	\$ -
		e)	Tie in and abandonment of the existing watermain on the Northeast corner of South St & Harris St. See D26-WS.0671B, STN 0+245	1.0	UNIT	\$	\$ -
		f)	Tie in and abandonment of the existing watermain on the Northwest corner of South St & Bloomfield Rd. See D26-WS.0671B, STN 0+305	1.0	UNIT	\$	\$ -
7	30.19 .01		Supply and install 24lb zinc anodes on existing metallic watermain.	1.0	EACH	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 05-26
ROAD REHABILITATION II - COLLEGE, PETER, SOUTH**

PART D: WATERMAIN CONSTRUCTION (SOUTH ST)

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
8	30.18 .05		Supply and install foam swabs.				
		a)	100mm to 200mm diameter pipe sizes.	1.0	EACH	\$	\$ -
9	30.18 .08		Install chlorine/air relief risers.				
		a)	off 100mm to 200mm diameter pipe sizes.	1.0	EACH	\$	\$ -
		b)	200x50mm tap for backflow	1.0	EACH	\$	\$ -
10	30.18 .06		Install all temporary blowoff assemblies and proper hoses in the locations shown on the drawings for testing and remove same after testing is complete and assist WUC forces during swabbing, flushing, chlorination, and testing. (All temporary materials (bends, caps, etc.) required for testing are to be included in this item and will not be paid for in item 4)	1.0	UNIT	\$	\$ -
11			Replace private drain connections or mainline sewer including required couplings. (Provisional)				
		a)	100mm diameter	10.0	L.M.	\$	\$ -
		b)	150mm diameter	25.0	L.M.	\$	\$ -
		c)	200mm diameter	10.0	L.M.	\$	\$ -
		d)	250mm diameter	5.0	L.M.	\$	\$ -
		e)	300mm diameter	5.0	L.M.	\$	\$ -
12	30.20 30.21 30.22 30.23		After the new watermain is in service, supply and install new water services as per WUC Specifications and WUC Standards Drawing. All commercial water service connections shall be excavated using Vacuum Truck paid under this item. Please price accordingly.				
		A)	Install new <u>C904 PEX</u> (REHAU MUNICIPEX, IPEX BLUE904, OR APPROVED EQUIVELENT) water service.				
		i)	25mm diameter (1") Short Side	11.0	EACH	\$	\$ -
		ii)	25mm diameter (1") Long Side	5.0	EACH	\$	\$ -
		iii)	38mm diameter (1 1/2") Short Side (Provisonal)	1.0	EACH	\$	\$ -
		iv)	38mm diameter (1 1/2") Long Side (Provisional)	1.0	EACH	\$	\$ -
		B)	Install new <u>copper</u> water service.				
		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	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 05-26
ROAD REHABILITATION II - COLLEGE, PETER, SOUTH**

PART D: WATERMAIN CONSTRUCTION (SOUTH ST)

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		iv)	25mm diameter (1") Long Side (Provisional)	1.0	EACH	\$	\$ -
		C)	Transfer existing copper or polyethylene services to new watermain. (Provisional)				
		a)	25mm	1.0	EACH	\$	\$ -
		b)	38mm	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. (Provisional)				
		i)	25mm	1.0	EACH	\$	\$ -
		E)	Hire a WUC approved licensed plumber as directed by the Engineer. (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)	2.0	EACH	\$	\$ -
		G)	Connection of water service that requires additional miscellaneous couplings/reducers to connect to piping that cannot be connected with one transitional/reducer coupling. (Provisional)	2.0	EACH	\$	\$ -
13	30.25	a)	Supply and install new meter pits. (Provisional)	1.0	EACH	\$	\$ -
		b)	Install new water meter or relocated existing meter in new meter pit complete with copper risers and fittings. (Provisional)	1.0	EACH	\$	\$ -
14	30.03 .06		Excavate and remove abandoned hydrants, close old valves and remove old valve boxes, and manholes.				
		a)	Hydrant removals (Provisional)	1.0	EACH	\$	\$ -
		b)	Valve box removals	5.0	EACH	\$	\$ -
		c)	Manhole removals (Provisional)	1.0	EACH	\$	\$ -
15	30.48 .03		Supply, place and compact sand backfill for additional watermain work. (Provisional)	75.0	TONNE	\$	\$ -
16	30.48 .04		Supply and place OPSS clear stone to backfill for additional watermain work. (Provisional)	100.0	TONNE	\$	\$ -
17	30.48 .02		Supply, place and compact 0 - 7/8" OPSS granular 'A', to backfill for additional watermain. (Provisional)	50.0	TONNE	\$	\$ -
18	30.03 .03		Saw cutting pavement for watermain trenches as detailed on drawings.				
		a)	Total depths 25mm - 150mm	600.0	L.M.	\$	\$ -
		b)	Total depths 151mm - 300mm (Provisional)	50.0	L.M.	\$	\$ -

<p style="text-align: center;">CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 05-26 ROAD REHABILITATION II - COLLEGE, PETER, SOUTH</p>							
<p>PART D: WATERMAIN CONSTRUCTION (SOUTH ST)</p>							
ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
19	30.03 .04	A)	Excavate, remove and dispose of pavements in watermain trenches as detailed on drawings. Asphalt, Concrete or Composite Pavement				
		i)	Total depths 25mm - 150mm	600.0	S.M.	\$	\$ -
		ii)	Total depths 151mm - 300mm (Provisional)	50.0	S.M.	\$	\$ -
20	30.03 .09	a)	Mill and prepare (sweep clean and apply tack coat to city specs) existing asphalt beyond the limit of the watermain trench. Total Depth up to 40mm	300.0	S.M.	\$	\$ -
21	30.53	a)	Excavate, prepare and compact trench, and supply and place HL3, HL4 or HL8 hot mix asphalt. In watermain trenches greater than 2.45 (8') wide. (Machine laid Paver)	75.0	TONNE	\$	\$ -
		b)	In watermain trenches up to 2.4m (7' 11") wide. (Handwork or Small Spreader)	50.0	TONNE	\$	\$ -
22	30.53 30.26	a)	Supply and place temporary maintenance asphalt in watermain trenches. (Provisional) Hot mix	25.0	TONNE	\$	\$ -
	30.46	b)	Cold mix	25.0	TONNE	\$	\$ -
23	30.61		Contractor to prepare traffic control plan and 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. (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.	\$	\$ -
26			Provide a vacuum excavation truck with two operators to perform additional daylighting for any utilities not shown on the drawings and as directed by the engineer. (Provisional)	20.0	HRS	\$	\$ -
27			Sewer cleaning to allow for camera inspection. Disposal of solid materials collected during this process to be included in this item.	40.0	HRS	\$	\$ -

<p style="text-align: center;">CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 05-26 ROAD REHABILITATION II - COLLEGE, PETER, SOUTH</p>							
<p>PART D: WATERMAIN CONSTRUCTION (SOUTH ST)</p>							
ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
28			Sewer PDC locating and CCTV camera inspection using a City approved contractor equipped with lateral launch camera equipment. Submit CCTV report in searchable pdf format and video electronically via USB or FTP site with station of each PDC from sewer manholes. (Provisional)	10.0	EACH	\$	\$ -
29			CCTV Inspection of sewer PDC's as directed by the engineer. Include submission of CCTV report and video electronically via USB or FTP site. Report shall be provided in searchable pdf format.	10.0	HRS	\$	\$ -
30			WUC watermain related surface restoration beyond limits of new roadwork contract. (Provisional)				
			a) Sawcut, remove and replace curb and gutter to City of Windsor specifications.	25.0	L.M.	\$	\$ -
			b) Sawcut, remove and replace concrete sidewalks for water service installation.	25.0	S.M.	\$	\$ -
			c) Supply and install tactile surface in municipal concrete sidewalks as per City Spec AS-548 and AS-549.	5.0	S.M.	\$	\$ -
			d) Sawcut, remove and replace concrete driveways for water service installation.	50.0	S.M.	\$	\$ -
			e) Supply and place sod, including 30 days of maintenance / watering and all the required materials, labour and equipment.	300.0	S.M.	\$	\$ -
			f) Supply and place topsoil.	45.0	C.M.	\$	\$ -
31			CONTINGENCY ALLOWANCE			\$	25,000.00
<p>TOTAL TENDERED PRICE - PART 'D' (INCLUDING CONTINGENCY, EXCLUDING HST)</p>						\$	25,000.00

ADDENDUM #1

<p align="center">CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 5-26 ROAD REHAB II - PETER / SOUTH / COLLEGE SCHEDULE OF UNIT PRICES</p>						
PART E: COLLEGE AVENUE ROAD RECONSTRUCTION						
ITEM NO.	WUC SPEC	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
600	1	Sawcutting Pavement - up to and including 150mm Deep (PROVISIONAL)	50.0	L.M.	\$ -	\$ -
601	2	Sawcutting Pavement - 175mm to 300mm Deep (PROVISIONAL)	50.0	L.M.	\$ -	\$ -
692	3	Sawcut, break and remove existing asphalt/ concrete pavement, including curb and gutter, as directed by the Contracts Supervisor	2,200.0	S.M.	\$ -	\$ -
655	4	Sawcut, break, remove, and dispose of existing asphalt / concrete driveway approaches, and sidewalks where directed by Contract Supervisor	1,200.0	S.M.	\$ -	\$ -
607	5	Catchbasin Removal & Disposal and return old frames /lids to Crawford Yard - Single CB	4.0	EACH	\$ -	\$ -
625	6	Supply & install new catchbasin with box out, adjustments, and curb inlet frame and cover	4.0	EACH	\$ -	\$ -
627	7	Supply & Install 200mm dia. PVC pipe and fittings for catchbasin connections including Granular bedding and Granular 'A' backfill	40.0	L.M.	\$ -	\$ -
628	8	Supply & Install 250mm dia. PVC pipe and fittings for catchbasin connections including Granular bedding and Granular 'A' backfill (PROVISIONAL)	20.0	L.M.	\$ -	\$ -
626	9	SUPPLY AND INSTALL goss gully traps (PROVISIONAL)	4.0	EACH	\$ -	\$ -
615	10	(a) Excavate and grade all granular material and soil to subgrade, including granular road base, driveways, sidewalks, boulevards, and all maintenance stone. Refer to Special Provision #22.	1,400.0	C.M.	\$ -	\$ -
498		Excess Soil Management (b) Reuse off-site at reuse site.	2,050.0	C.M.	\$ -	\$ -
630	11	Install 6" diameter sub drains including granular bedding	500.0	L.M.	\$ -	\$ -
621	12	Supply, Place, Compact Granular A - Major Areas	2,500.0	TONNE	\$ -	\$ -
659	13	Construct new standard concrete curb & gutter -Major sections	500.0	L.M.	\$ -	\$ -
612	14	Adjust existing catchbasin frame and cover, including new boxout.	4.0	EACH	\$ -	\$ -
623	15	Supply, Place & Compact Granular A material for Gravel Driveways	10.0	TONNE	\$ -	\$ -
697	16	Construct residential concrete sidewalks & driveways including 100mm granular base	1,000.0	S.M.	\$ -	\$ -
691	17	Construct commercial concrete sidewalks & driveways including 100mm granular base	300.0	S.M.	\$ -	\$ -
698	18	Construct 150mm thick coloured stamped concrete sidewalks and driveways including 100mm granular base	50.0	S.M.	\$ -	\$ -
606	19	Remove, regrade and reinstate interlocking brick driveways and leadwalks including screenings for leveling course.	20.0	S.M.	\$ -	\$ -
648	20	Supply New Manhole Frame & Cover	4.0	EACH	\$ -	\$ -
609	21	Adjust Elevation of Manhole Frame & Cover	4.0	EACH	\$ -	\$ -
647	22	Supply New Catchbasin Frame & Cover	2.0	EACH	\$ -	\$ -
613	23	Adjust Existing Water / Gas Valves	5.0	EACH	\$ -	\$ -
636	24	Supply & place HL4 Asphalt	530.0	TONNE	\$ -	\$ -
637	25	Supply & place HL3 Asphalt	230.0	TONNE	\$ -	\$ -
644	26	Tack Coating	1,900.0	S.M.	\$ -	\$ -
642	27	Supply & Place HL3 or HL4, Handwork	20.0	TONNE	\$ -	\$ -
669	28	Excavate, supply, place, and grade topsoil as per Standard Specification S34.	170.0	C.M.	\$ -	\$ -

ADDENDUM #1

<p align="center">CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 5-26 ROAD REHAB II - PETER / SOUTH / COLLEGE SCHEDULE OF UNIT PRICES</p>						
PART E: COLLEGE AVENUE ROAD RECONSTRUCTION						
ITEM NO.	WUC SPEC	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
670	29	Supply and place sod, including 60 day maintenance.	1,700.0	S.M.	\$ -	\$ -
667	30	Supply & Apply Water for Dust Control	200.0	C.M.	\$ -	\$ -
668	31	Supply & Apply Calcium for Dust Control	1.0	TONNE	\$ -	\$ -
671	32	Tree Trimming	1.0	L.S.	\$ -	\$ -
688	33	Labourer (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
687	34	Foreperson w/Pick-up (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
686	35	Flag Person during milling and paving (PROVISIONAL)	50.0	HOUR	\$ -	\$ -
678	36	Cold miller (300mm to 1200mmcutter) with operator (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
681	37	Tractor Sweeper w/Operator (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
680	38	Vacuum Sweeper Operated (PROVISIONAL)	10.0	HOUR	\$ -	\$ -
677	39	Triaxle Dump Truck with Operator (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
675	40	Rubber Tired Backhoe with Operator (PROVISIONAL)	20.0	HOUR	\$ -	\$ -
685	41	Jack Hammer & Compressor (PROVISIONAL)	1.0	DAY	\$ -	\$ -
695	42	Supply and place unshrinkable backfill as directed	15.0	C.M.	\$ -	\$ -
696	43	Supply & install tactile surface indicators	10.0	S.M.	\$ -	\$ -
631	44	Cleaning of Catchbasins/Manholes/Sewers	1.0	LUMP SUM	\$ -	\$ -
673	45	Solar Message boards	14.0	Day	\$ -	\$ -
666	46	Supply and place specialty signs	4.0	EACH	\$ -	\$ -
664	47	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.	1.0	LUMP SUM	\$ -	\$ -
665	48	Supply all labour and equipment to install "U" channel post (stanchions) at locations as directed by the City of Windsor Traffic Dept.	1.0	LUMP SUM	\$ -	\$ -
693	49	Supply & apply Crystal-Lok for curb (PROVISIONAL)	500.0	L.M.	\$ -	\$ -
694	50	Supply & apply Crystal-Lok for flatwork (PROVISIONAL)	1,300.0	S.M.	\$ -	\$ -
	51	Provide cold weather protection for curb and gutter (PROVISIONAL)				
649		a) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM1	500.0	L.M.	\$ -	\$ -
650		b) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM2	500.0	L.M.	\$ -	\$ -
651		c) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM3	500.0	L.M.	\$ -	\$ -
	52	Provide cold weather protection for commercial flatwork (PROVISIONAL)				
652		a) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM1	1,300.0	S.M.	\$ -	\$ -
653		b) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM2	1,300.0	S.M.	\$ -	\$ -
654		c) Moisture Vapour Barrier (OPSS.MUNI 904 Table 3) PM3	1,300.0	S.M.	\$ -	\$ -
053	53	Submission fo Excess Soil destination Assessment Report (ESDAR) prepared by a Qualified Person	1.0	LUMP SUM	\$ -	\$ -
690	54	Contingency Allowance			\$ 60,000.00	\$ 60,000.00
TOTAL TENDERED PRICE - COLLEGE AVENUE - PART 'E' (INCLUDING CONTINGENCY, EXCLUDING HST)						<u>\$ 60,000.00</u>

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 05-26
ROAD REHABILITATION II - COLLEGE, PETER, SOUTH**

PART F: WATERMAIN CONSTRUCTION (COLLEGE AVE)

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	12.0	L.M.	\$	\$	-
			ii) 150mm diameter pipe	6.0	L.M.	\$	\$	-
			iii) 200mm diameter pipe	174.0	L.M.	\$	\$	-
			<u>Under Boulevards with native backfill</u>					
			i) 100mm diameter pipe	6.0	L.M.	\$	\$	-
			ii) 150mm diameter pipe (Provisional)	6.0	L.M.	\$	\$	-
			iii) 200mm diameter pipe (Provisional)	6.0	L.M.	\$	\$	-
2	30.08 .08	a)	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.					
			200mm diameter pipe	174.0	L.M.	\$	\$	-
3	30.18 .01	A)	Supply and install valves					
			<u>Gate Valves</u>					
			i) 100mm diameter	2.0	EACH	\$	\$	-
			ii) 150mm diameter	2.0	EACH	\$	\$	-
			ii) 200mm diameter	7.0	EACH	\$	\$	-
			<u>C)</u> Install valve box extensions and extension stems. (Provisional)					
i) Valve box extension or Valve box threaded riser	1.0	EACH	\$	\$	-			
ii) Valve extension stem	1.0	L.M.	\$	\$	-			
4	30.18 .04 30.19 .01	a)	Supply and install fully restrained fittings including all required bolts nuts gaskets etc in the location shown on the Drawings.					
			200mm 11 1/4° PVC Elbows	1.0	EACH	\$	\$	-
			150mm 45° PVC Elbows (Provisional)	1.0	EACH	\$	\$	-
			200mm 45° PVC Elbows	6.0	EACH	\$	\$	-
			150mm 90° PVC Elbows (Provisional)	1.0	EACH	\$	\$	-
			200mm 90° PVC Elbows (Provisional)	1.0	EACH	\$	\$	-
			200x100mm PVC Tees	2.0	EACH	\$	\$	-
			200x150mm PVC Tees	2.0	EACH	\$	\$	-
			200x200mm PVC Tees	3.0	EACH	\$	\$	-
			200mm MJ Caps	5.0	EACH	\$	\$	-
			200mm MJ Caps with 50mm galvanized blowoff pipe and cap	2.0	EACH	\$	\$	-
			200mm Couplings	8.0	EACH	\$	\$	-

CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 05-26 ROAD REHABILITATION II - COLLEGE, PETER, SOUTH							
PART F: WATERMAIN CONSTRUCTION (COLLEGE AVE)							
ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
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	1.0	EACH	\$	\$ -
		ii)	Hydrant for 1.83m (6') Bury	1.0	EACH	\$	\$ -
		B)	Install hydrant extensions. (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 and any additional materials needed for connection are to be included in appropriate items)				
		a)	Remove permanent blowoff and install backflow preventer on the Southeast corner of College Ave & Brock St. See D26-WS.0672A, STN 0+002	1.0	UNIT	\$	\$ -
		b)	After testing is complete remove backflow preventer and connect new watermain.	1.0	UNIT	\$	\$ -
		c)	Tie in and abandonment of the existing watermain on the Southwest corner of College Ave & Felix St. See D26-WS.0672A, STN 0+124	2.0	UNIT	\$	\$ -
		d)	Tie in and abandonment of the existing watermain on the Southwest corner of College Ave & Lena Ave. See D26-WS.0672B, STN 0+211	1.0	UNIT	\$	\$ -
		e)	Tie in and abandonment of the existing watermain across from 883 Huron Church Rd. (McDonalds) See D26-WS.0672A, STN 0+354	1.0	UNIT	\$	\$ -
		f)	Cut out existing tee, cap for abandonment of the existing watermain and reconnect hydrant lead on the Southeast corner of College Ave & Brock St. See D26-WS.0672A, STN 0+000	1.0	UNIT	\$	\$ -
7	30.19 .01		Supply and install 24lb zinc anodes on existing metallic watermain. (Provisional)	1.0	EACH	\$	\$ -
8	30.18 .05		Supply and install foam swabs. 100mm to 200mm diameter pipe sizes.	2.0	EACH	\$	\$ -
9	30.18 .08		Install chlorine/air relief risers. off 100mm to 200mm diameter pipe sizes.	1.0	EACH	\$	\$ -

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 05-26
ROAD REHABILITATION II - COLLEGE, PETER, SOUTH**

PART F: WATERMAIN CONSTRUCTION (COLLEGE AVE)

ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
10	30.18 .06		Install all temporary blowoff assemblies and proper hoses in the locations shown on the drawings for testing and remove same after testing is complete and assist WUC forces during swabbing, flushing, chlorination, and testing. (All temporary materials (bends, caps, etc.) required for testing are to be included in this item and will not be paid for in item 4)	1.0	UNIT	\$	\$ -
11			Replace private drain connections or mainline sewer including required couplings. (Provisional)				
		a)	100mm diameter	10.0	L.M.	\$	\$ -
		b)	150mm diameter	25.0	L.M.	\$	\$ -
		c)	200mm diameter	10.0	L.M.	\$	\$ -
		d)	250mm diameter	5.0	L.M.	\$	\$ -
		e)	300mm diameter	5.0	L.M.	\$	\$ -
12	30.20		After the new watermain is in service, supply and install new water services as per WUC Specifications and WUC Standards Drawing.				
	30.21		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 <u>C904 PEX</u> (REHAU MUNICIPEX, IPEX BLUE904, OR APPROVED EQUIVELENT) water service.				
		i)	25mm diameter (1") Short Side	1.0	EACH	\$	\$ -
		ii)	25mm diameter (1") Long Side	7.0	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 <u>copper</u> water service.				
		i)	25mm diameter (1") Short Side (Provisional)	1.0	EACH	\$	\$ -
		ii)	25mm diameter (1") Long Side (Provisional)	1.0	EACH	\$	\$ -
		iii)	50mm diameter (2") Long Side	1.0	EACH	\$	\$ -
		C)	Transfer existing copper or polyethylene services to new watermain.				
	a)	25mm (Provisional)	1.0	EACH	\$	\$ -	
	b)	38mm (Provisional)	1.0	EACH	\$	\$ -	
	c)	50mm	1.0	EACH	\$	\$ -	

CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 05-26 ROAD REHABILITATION II - COLLEGE, PETER, SOUTH							
PART F: WATERMAIN CONSTRUCTION (COLLEGE AVE)							
ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		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. (Provisional)				
		i)	25mm	1.0	EACH	\$	\$ -
		ii)	38mm	1.0	EACH	\$	\$ -
		E)	Hire a WUC approved licensed plumber as directed by the Engineer. (Provisional)	20.0	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	\$	\$ -
		G)	Connection of water service that requires additional miscellaneous couplings/reducers to connect to piping that cannot be connected with one transitional/reducer coupling. (Provisional)	2.0	EACH	\$	\$ -
		H)	100mm to 50mm service connections to 2361 & 3241 College Ave.	2.0	EACH	\$	\$ -
13	30.25	a)	Supply and install new meter pits. (Provisional)	1.0	EACH	\$	\$ -
		b)	Install new water meter or relocated existing meter in new meter pit complete with copper risers and fittings. (Provisional)	1.0	EACH	\$	\$ -
14	30.03 .06		Excavate and remove abandoned hydrants, close old valves and remove old valve boxes, and manholes.				
		a)	Hydrant removals	2.0	EACH	\$	\$ -
		b)	Valve box removals	7.0	EACH	\$	\$ -
		c)	Manhole removals (Provisional)	1.0	EACH	\$	\$ -
15	30.48 .03		Supply, place and compact sand backfill for additional watermain work. (Provisional)	75.0	TONNE	\$	\$ -
16	30.48 .04		Supply and place OPSS clear stone to backfill for additional watermain work. (Provisional)	100.0	TONNE	\$	\$ -
17	30.48 .02		Supply, place and compact 0 - 7/8" OPSS granular 'A', to backfill for additional watermain. (Provisional)	50.0	TONNE	\$	\$ -
18	30.03 .03		Saw cutting pavement for watermain trenches as detailed on drawings.				
		a)	Total depths 25mm - 150mm	300.0	L.M.	\$	\$ -
		b)	Total depths 151mm - 300mm (Provisional)	50.0	L.M.	\$	\$ -
19	30.03 .04	A)	Asphalt, Concrete or Composite Pavement				
		i)	Total depths 25mm - 150mm	300.0	S.M.	\$	\$ -

CITY OF WINDSOR PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH TENDER NO. 05-26 ROAD REHABILITATION II - COLLEGE, PETER, SOUTH							
PART F: WATERMAIN CONSTRUCTION (COLLEGE AVE)							
ITEM NO.	WUC SPEC	SUB.	DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	AMOUNT
		ii)	Total depths 151mm - 300mm (Provisional)	50.0	S.M.	\$	\$ -
20	30.53 30.26		Supply and place temporary maintenance asphalt in watermain trenches. (Provisional)				
		a)	Hot mix	50.0	TONNE	\$	\$ -
	30.46	b)	Cold mix	50.0	TONNE	\$	\$ -
21	30.61		Contractor to prepare traffic control plan and 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	\$	\$ -
22			Supply and install N.S.F. 'U-fill' to City Spec S-24 for backfill. (Provisional)	5.0	C.M.	\$	\$ -
23			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.	10.0	S.M.	\$	\$ -
24			Provide a vacuum excavation truck with two operators to perform additional daylighting for any utilities not shown on the drawings and as directed by the engineer. (Provisional)	40.0	HRS	\$	\$ -
25			Sewer cleaning to allow for camera inspection. Disposal of <u>solid</u> materials collected during this process to be included in this item. (Provisional)	40.0	HRS	\$	\$ -
26			Sewer PDC locating and CCTV camera inspection using a City approved contractor equipped with lateral launch camera equipment. Submit CCTV report in searchable pdf format and video electronically via USB or FTP site with station of each PDC from sewer manholes. (Provisional)	20.0	EACH	\$	\$ -
27			CCTV Inspection of sewer PDC's as directed by the engineer. Include submission of CCTV report and video electronically via USB or FTP site. Report shall be provided in searchable pdf format.	10.0	HRS	\$	\$ -
28			CONTINGENCY ALLOWANCE			\$	25,000.00
TOTAL TENDERED PRICE - PART 'F' (INCLUDING CONTINGENCY, EXCLUDING HST)						\$	25,000.00

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 5-26
ROAD REHAB II - PETER / SOUTH / COLLEGE
SCHEDULE OF UNIT PRICES**

TENDER SUMMARY

PART A: PETER STREET RECONSTRUCTION	\$ <u>90,000.00</u>
PART B: PETER STREET WUC WATERMAIN CONSTRUCTION	\$ <u>25,000.00</u>
PART C: SOUTH STREET RECONSTRUCTION	\$ <u>50,000.00</u>
PART D: SOUTH STREET WUC WATERMAIN CONSTRUCTION	\$ <u>25,000.00</u>
PART E: COLLEGE AVENUE RECONSTRUCTION	\$ <u>60,000.00</u>
PART F: COLLEGE AVENUE WUC WATERMAIN CONSTRUCTION	\$ <u>25,000.00</u>
PARTS "A" THROUGH "F" (INCL. CONTINGENCY AND EXCLUDING H.S.T.)	\$ <u><u>275,000.00</u></u>

**CITY OF WINDSOR
PUBLIC WORKS DEPARTMENT - OPERATIONS BRANCH
TENDER NO. 5-26
ROAD REHAB II - PETER / SOUTH / COLLEGE**

BREAKDOWN

NOTE:

The Total Tender Price is submitted in compliance with the provisions of the Harmonized Sales Tax (HST). The Breakdown is as follows:

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