



THE CORPORATION OF THE CITY OF BRAMPTON

BY-LAW

Number 108-78


A By-law to authorize the execution of Contract No. 78-104 with Lamco Construction Limited. (QUEEN STREET WEST RECONSTRUCTION & WATERMAIN CONSTRUCTION FROM GEORGE STREET TO McMURCHY AVENUE)

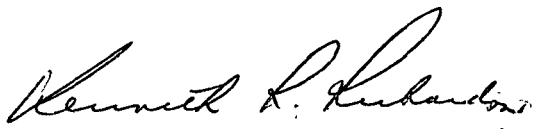
WHEREAS it is deemed expedient to enter into and execute Contract No. 78-104 with Lamco Construction Limited;

NOW THEREFORE the Council of The Corporation of the City of Brampton ENACTS as follows:

1. That the City of Brampton enter into and execute Contract No. 78-104 with Lamco Construction Limited, attached hereto as Schedule "A".
2. That the Mayor and the Clerk are hereby authorized to affix their signatures to the said Contract No. 78-104 attached hereto as Schedule "A", with Lamco Construction Limited.

READ a FIRST, SECOND and THIRD TIME and PASSED in Open Council this 8th day of May, 1978.


James E. Archdekin, Mayor


Kenneth R. Richardson, Clerk

THE CORPORATION OF THE CITY OF BRAMPTON
FORM OF AGREEMENT

CONTRACT NO. #78-104

This agreement made in quadruplicate this 25th day of
April 1978.

BETWEEN: The Corporation of the City of Brampton
(Hereinafter called the "Corporation"
of the first part)

-AND- LAMCO CONSTRUCTION LIMITED
(Hereinafter called the "Contractor"
of the second part)

WITNESSETH

That the Corporation and the Contractor in consideration of the fulfillment of their respective promises and obligations herein set forth covenant and agree with each other as follows:-

ARTICLE 1 :

a) A general description of the work is:-

Queen Street West Reconstruction and Watermain Construction from
George Street to McMurphy Avenue

b) The Contractor shall, except as otherwise specifically provided, at his own expense provide all and every kind of labour, machinery, plant, structures, roads, materials and appliances, articles and things necessary for the due execution and completion of all the work set out in this Contract and shall forthwith according to the instructions of the Engineer commence the works and diligently execute the respective portions thereof, and deliver the works complete in every particular to the Corporation within the time specified in the General Conditions of this Tender.

ARTICLE 2 :

In the event that the Tender provides for and contains a contingency allowance, it is understood and agreed that such contingency allowance is merely for the convenience of accounting by the Corporation and the Contractor is not entitled to payment thereof except for extra work or additional work carried out by him in accordance with the Contract and only to the extent of such extra or additional work.

ARTICLE 3 :

In case of inconsistency or conflict between the provisions of this Agreement and the Plans, or Specifications, or General Conditions, or Tender or any other document or writing the Provisions of such documents shall take precedence and govern in the following order, namely:

1. This Agreement
2. Special and/or Supplemental Provisions
3. Information for Tenderers
4. General Conditions
5. Standard Specifications
6. Plans
7. Tender

The foregoing documents enumerated one to seven inclusive are all of the Contract Documents and constitute the full agreement between the parties.

ARTICLE 4

The Corporation covenants with the Contractor that the Contractor having in all respects complied with the Provisions of this Contract will be paid for the works included herein in accordance with the Unit Prices as set out in the Form of Tender, forming part of this Contract, and in accordance with the Provisions as set out in the Conditions and Specifications forming part of this Contract.

ARTICLE 5

Where any notice, direction or other communication is required to be or may be given or made by one of the parties hereto, to the other or to the Engineer, it shall be deemed sufficiently given or made if mailed by prepaid first class mail or delivered in writing to such party or to the Engineer at the following addresses:

CONTRACTOR: <u>LAMCO CONSTRUCTION</u>	ENGINEER: J. F. Curran, P.Eng.
<u>LIMITED, P.O. Box 58,</u>	City Engineer
<u>Markham, Ontario. L3P 3J5</u>	24 Queen Street East
	Brampton, Ontario
	L6V 1A4

ARTICLE 6

A copy of each of the Contract Documents is hereto annexed and together with the Ministry of Transportation and Communications Specifications referred to in the Contract Documents and the Plans listed in the Specifications, are made part of this Contract as fully to all intents and purposes as though recited in full herein

ARTICLE 7

No implied contract of any kind whatsoever by or on behalf of the Corporation shall arise or be implied from anything in this Contract contained, nor from any position or situation of the parties at anytime, it being clearly understood that the express covenants and agreements herein contained made by the Corporation shall be the only covenants and agreements upon which any rights against the Corporation may be founded.

ARTICLE 8

Time shall be deemed the essence of this Contract.

ARTICLE 9

The Contractor declares that in tendering for the works and in entering into this Contract he has either investigated for himself the character of the work and all local conditions above and below ground surface where applicable that might affect his Tender or his acceptance of the Work, or that not having so investigated is willing to assumed and does hereby assume all risk of conditions arising or developing in the course of the work which might or could make the work or any items thereof, more expensive in character, or more onerous to fulfill, than was contemplated or known when the Tender was made or the Contract signed. The Contractor also declares that he did not and does not rely upon information furnished by any methods whatsoever, by the Corporation or its' employees, being aware that any information from such sources was and is approximate, and speculative only, and was not in any manner warranted or guaranteed by the Corporation.

ARTICLE 10

This Contract shall apply to and be binding on the Parties hereto and their heirs, executors, administrators, successors and assigns and each of them.

IN WITNESS WHEREOF the parties hereto have hereunto set their hands and seals the day and year first above written or caused their corporate seals to be affixed, attested by the signature of their proper officers as the case may be.

WITNESS AS TO SIGNATURE OF CONTRACTOR

ADDRESS
OCCUPATION

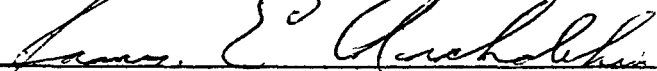


LAMCO CONSTRUCTION LIMITED

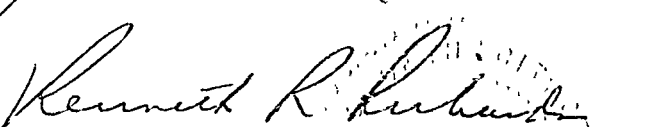
THE CORPORATION OF THE CITY OF BRAMPTON

MAYOR

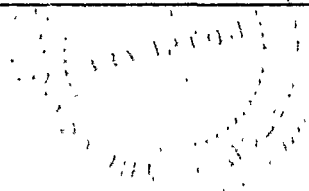
CLERK



MAYOR



CLERK



THE CORPORATION OF THE CITY OF BRAMPTON

FORM OF TENDER.

CONTRACT NO. 78-104

This Tender Submitted By: LAMCO CONSTRUCTION LTD.

P.O. BOX 58

MARKHAM, ONTARIO

ADDRESS: L3P 3J5

TELEPHONE NUMBER: 416 294-2282

TO THE MAYOR AND COUNCIL OF THE CORPORATION OF THE CITY OF BRAMPTON :

I/We the undersigned declare that no person, firm or corporation other than the one whose signature or the signatures of whose proper officers and the seal is or are attached below, has any interest in this tender or in the contract proposed to be taken.

I/We further declare that this tender is made without any connection, knowledge, comparison of figures or arrangement with any other company, firm or person making tender for the same work and is in all respects fair and without collusion or fraud.

I/We further declare that we have carefully examined the locality and site of the proposed works, as well as the plans, drawings, profiles, Specifications, Form of Tender, Information for Tenderers, General Conditions, Agreement by the City Engineer, by and on behalf of the Corporation of the City of Brampton, and hereby acknowledge the same to be part and parcel of any contract to be let for the work therein described or defined and do hereby tender and offer to enter into a contract to do all of the work and to provide all of the labour, and to provide, furnish, deliver, place and erect all materials mentioned and described or implied therein including in every case freight, duty, exchange, and sales tax in effect on the date of acceptance of the tender, and all other charges on the terms and conditions and under the provisions therein set forth and to accept in full payment therefore the sums calculated in accordance with the actual measured quantities and unit prices set forth in the Schedule of Quantities and Unit Prices attached hereto:-

I/We further declare that if the tender is accepted by the City, we will execute whatever additional work may be required at the Unit Prices shown herein in strict conformity and in all respects with the requirements of this tender, specifications, general conditions and form of agreement hereto annexed or to be annexed hereto.

I/We also agree that deductions from the said contract, if any, shall be made at the unit prices shown in the Schedule of Quantities and Unit Prices as herein contained.

I/We agree that this offer is to continue open to acceptance until the formal contract is executed by the successful tenderer for the said work or until 60 days after the tender closing date whichever event first occurs, and that the City may at any time within that period and without notice accept this tender whether any other tender had been previously accepted or not.

I/We agree that if we withdraw this tender after closing and before the Council of the said City shall have considered the tenders and awarded the Contract in respect thereof, during the time that this tender is open to acceptance as set out above in this tender form the amount of the deposit accompanying this tender shall be forfeited to the City.

I/We agree that the awarding of the contract based on this tender by the Council of the said City shall be an acceptance of this tender.

If this tender is accepted I/We agree to furnish the required contract bound, in the form attached hereto, insurance certificate and Workmen's Compensation Board Letter, and properly sign the Contract documents in quadruplicate within 10 days after being notified so to do. In the event of default or failure on our part so to do, I/We agree that the Corporation of the City of Brampton shall be at liberty to retain the money deposited by Me/Us to the use of the City and to accept the next lowest or any tender or to advertise for new tenders, or to carry out the works in any other way they deem best and I/We also agree to pay to the said City the difference between this tender and any greater sum which the City may expend or incur by reason of such default or failure, or by reason of such acting, as aforesaid, on their part, including the cost of advertising for new tenders; and to indemnify and save harmless the said City and their officers from all loss, damage, cost, charges and expense which they may suffer or be put to by reason of any such default or failure on My/Our part.

I/We propose The Halifax Insurance Company

A company which is willing to become bound with me/us in the amount designated for the due performance and fulfillment of the contract for which this is the tender.

I/We agree that the date of completion as referred to in the General Conditions shall be 90 working days from the date of written order to commence work. The Contractor agrees to pay the Corporation \$100.00 as liquidated damages, per day for each and every day that any portion of the work remains incomplete, after the time of completion as specified above.

A certified cheque in the amount of \$ 25000.00

Twenty-five thousand 00/100 is enclosed, Dated at

Town of Markham this 28TH day of MARCH 1978

Marg Marshall
SIGNATURE OF WITNESS

Jon Dab...
SIGNATURE AND SEAL OF TENDERER

THE CORPORATION OF THE CITY OF BRAMPTON
RECONSTRUCTION OF QUEEN STREET WEST
CONTRACT #78-104

ADDENDUM NO.1

Tenderers shall note the following quantity change and make the appropriate change on their Form of Tender:

Item 1(h) shall be deleted from the tender items.

This addendum shall be signed by the Tenderer or a duly authorized representative of the Tenderer, and shall be attached to the Form of Tender and submitted therewith.

DATE

Mar 28/78

SIGNATURE OF CONTRACTOR

Joe Smith


THE CORPORATION OF THE CITY OF BRAMPTON

RECONSTRUCTION OF QUEEN STREET WEST

CONTRACT NO. 78-104

ADDENDUM NO. 2

A. The tenderers shall note that the following quantities are to be included in the tender items of Section 'B' for water work

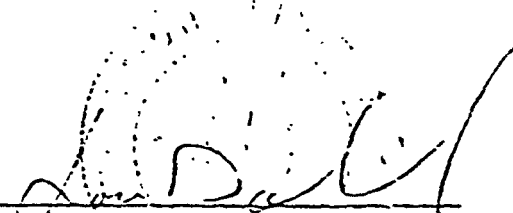
<u>Item No.</u>	<u>Description</u>	<u>Size</u>	<u>Est. Qty</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
15	Taking delivery and construction of 6" D.I. watermain on Queen Street West at the following locations without tapping the watermain					
a)	Crossing Queen Street West at Mill Street North	6"	70	l.f.		
b)	At Elizabeth Street South	6"	43	l.f.		
c)	Crossing Queen Street West at Elizabeth Street North	6"	85	l.f.		

B. Item 10 (d) of Section 'B' shall be deleted from the tender item.

The tenderer should make the appropriate change to include the above in the total of Section 'B' Waterworks in Page FT18.

This Addendum shall be signed by the tenderer or a duly authorized representative of the tenderer and shall be attached to the Form of Tender and submitted therewith.

DATE



SIGNATURE OF CONTRACTOR

The Tenderer shall prepare this tender legibly in ink or in typewriter. Any changes, erasures or overwriting of the prices shall be initialled.

In the event of a discrepancy between the extended total of an item and the product of an item quantity, and the unit price quoted for that item will be accepted and the total of the item adjusted accordingly.

Specification numbers refer to the Ministry of Transportation and Communications Specifications. Special refers to the City of Brampton Special Provisions. City refers to the City of Brampton Standard Specifications.

SECTION "A" SEWER AND ROADWORKS

ITEM SPEC. DESCRIPTION

1. City, 406 Storm Sewer Piping :-

Complete supply and installation of storm sewer pipe in a single trench including all required excavation, Class "B" bedding, Granular "C" sand backfill under roads, and disposal of displaced excavated material, all as specified. The average depth of pipes indicated below are measured from finished grade over centreline of sewer to pipe invert. There will be no adjustment in the unit price unless the depth of trench changes in excess of one (1) foot.

FROM M.H. TO M.H.	LENGTH IN FEET	PIPE SIZE	AVERAGE DEPTH	CLASS OF PIPE	UNIT PRICE	TOTAL PRICE
a. 3c - exist. M.H. including Class AA bedding	40'	Twin 12"	7'0"	C14-SS	\$ 49. ¹⁷	\$ 1966. ⁸⁰
b. Additional to above for breaking into existing manhole, connection to manhole and reinstatement of manhole and benching complete					LUMP SUM	\$ 460. ⁰⁰
c. 3C - 3	133'	18"	6'0"	C14-SS	\$ 40. ⁸⁹	\$ 5438. ³⁷
d. 3 - 3B	150'	12"	6'0"	C14-SS	\$ 38. ⁷²	\$ 5808. ⁰⁰
e. Plug - 22	20'	30"	5'0"	C76-III	\$ 55. ⁹⁰	\$ 1118. ⁰⁰
f. Additional to above for supply and installation of pre-fabricated concrete spigot end plug and gasket or brick bulkhead at upstream end of 30" pipe					LUMP SUM	\$ 164. ²⁰
g. 22 - 22B	70'	30"	8'0"	C76-III	\$ 55. ⁹⁰	\$ 3913. ⁰⁰
h. delted as per Addendum No.1						
i. 22B - 17B	20'	30"	9'6"	C76-III	\$ 55. ⁹⁰	\$ 1118. ⁰⁰
j. 17B - exist.	37'	42"	8'9"	C76-II	\$ 62. ¹⁴	\$ 2299. ¹⁸
k. Additional to above for breaking into existing brick bulkhead at Manhole 18, Connection to manhole and reinstatement of existing manhole and benching complete					LUMP SUM	\$ 360. ⁰⁰
l. 17 - 17B	283'	33"	7'6"	C76-II	\$ 59. ⁴⁸	\$ 17274. ²⁴

	FROM M.H. TO M.H.	LENGTH IN FEET	PIPE SIZE	AVERAGE DEPTH	CLASS OF PIPE	UNIT PRICE	TOTAL PRICE
m.	Plug - 17	30'	33"	8'6"	C76-II	\$ 59. ⁹⁸	\$ 1799. ⁴
n.	Additional to above for supply and installation of pre-fabricated concrete spigot end plug and gasket or brick bulkhead at upstream end of 33" pipe					LUMP SUM	\$ 173. ²⁰
o.	16B -17	190'	21"	6'3"	C76-III	\$ 45. ³⁴	\$ 8614. ⁶
p.	16 - 16B	186'	21"	7'4"	C76-II	\$ 45. ³⁴	\$ 8433. ²
q.	Plug - 16	30'	18"	8'6"	C14-SS	\$ 40. ⁸⁴	\$ 1226. ⁷
r.	Additional to above for supply and installation of brick bulkhead or prefabricated concrete spigot end plug and gasket at upstream end of 18" pipe					LUMP SUM	\$ 139. ¹⁰
s.	1 - 2	300'	21"	6'9"	C76-II	\$ 45. ³⁴	\$ 13602. ⁰
t.	2 - existing M.H.	90'	24"	9'6"	C76-II	\$ 53. ²¹	\$ 4788. ⁴⁴
u.	Additional to above for breaking into existing manhole, connection to manhole and reinstatement of manhole and benching complete					LUMP SUM	\$ 460. ⁰⁰
TOTAL FOR ITEM 1. - Storm Sewer Piping							\$ 79156. ⁹³
(this amount carried to summary)							

SCHEDULE OF QUANTITIES
AND UNIT PRICES

FT-7

CONTRACT #78-104
QUEEN ST. WEST

ITEM SPEC.

DESCRIPTION

2. City Special Storm Manholes :-
Supply and install complete including excavation, backfill and compaction, base, manhole cover and frame, bricking set to finished asphalt grade. Depth of manholes are measured from lowest invert to finished road grade. No adjustment in unit price will be made for final measurement within 12 inches of depth stated herein.

MANHOLE NO.	STANDARD DRAWING	DEPTH IN VERTICAL FEET	UNIT PRICE	TOTAL PRICE
a. 1	305	5.5 vt.ft.	\$ 147. ⁶² per vt.ft.	\$ 811. ⁹¹
b. 2	302	8.3 vt.ft.	\$ 115. ²⁴ per vt.ft.	\$ 956. ⁴¹
c. 16	302	9.0 vt.ft.	\$ 115. ²⁴ per vt.ft.	\$ 1037. ⁶¹
d. 16B	305	6.0 vt.ft.	\$ 147. ⁶² per vt.ft.	\$ 885. ⁷⁵
e. 17	303	8.5 vt.ft.	\$ 188. ²⁴ per vt.ft.	\$ 1600. ⁰⁴
f. 17B	303	8.5 vt.ft.	\$ 188. ²⁴ per vt.ft.	\$ 1600. ⁰⁴
g. 22	302	6.5 vt.ft.	\$ 115. ²⁴ per vt.ft.	\$ 749. ³⁹
h. 22B	302	10.0 vt.ft.	\$ 115. ²⁴ per vt.ft.	\$ 1152. ⁹⁰
i. 3	305	6.0 vt.ft.	\$ 147. ⁶² per vt.ft.	\$ 885. ⁷⁵
j. 3B	302	8.0 vt.ft.	\$ 115. ²⁴ per vt.ft.	\$ 922. ³²
k. 3C	305	7.0 vt.ft.	\$ 147. ⁶² per vt.ft.	\$ 1033. ³²
TOTAL FOR ITEM 2. - Storm Manholes				\$ 11635. ⁹⁰

(this amount carried to summary)

SCHEDULE OF QUANTITIES
AND UNIT PRICES

FT-2

CONTRACT #78-104
QUEEN ST. WEST

ITEM NO.	SPEC. NO.	DESCRIPTION	EST. QTY.	UNIT PRICE	TOTAL
3.	City	Construct catchbasins including excavation, grates, frames, bricking, compaction and backfill with 3/4" crusher run granular material			
a.		24" square as per Std. 320 & 325	19 EACH	\$ <u>515.⁵⁰</u> per each	\$ <u>9794.</u>
b.		Double precast as per Std. 321 and 325	4 EACH	\$ <u>810.⁰⁰</u> per each	\$ <u>3240.</u>
4.	City Special	Catchbasin leads including appropriate fitting, Class "B" bedding and granular C backfill			
a.		8" diameter C14-SS	420 Lin.Ft.	\$ <u>31.¹⁷</u> per lin.ft.	\$ <u>13091.</u>
b.		10" diameter C14-SS	120 Lin.Ft.	\$ <u>31.⁶²</u> per lin.ft.	\$ <u>3794.</u>
5.	City Special	Remove and dispose of existing catchbasins and plug outlet leads (frames and grates to City)	15 Each	\$ <u>110.⁰⁰</u> per each	\$ <u>1650.⁰⁰</u>
6.	City Special	Salvage existing catchbasin at Sta. 13+60 south side and relocate back to new curb line (supply and installation of lead included in Item No. 4)	1 Each	\$ <u>455.⁰⁰</u> per each	\$ <u>455.⁰⁰</u>
7.	Special	Reconnect existing leads to existing catchbasin outlet leads after removal of catchbasins at Sta. 3+10 and Sta. 4+90	26 Lin.Ft.	\$ <u>35.⁰⁰</u> per lin.ft.	\$ <u>910.⁰⁰</u>
8.	Special	Reconnect existing storm drainage connections to proposed storm sewer	75 Lin.Ft.	\$ <u>32.⁰⁰</u> per lin.ft.	\$ <u>2400.⁰⁰</u>
9.	Special	Relay existing sanitary service connections which conflict with proposed storm sewer	160 Lin.Ft.	\$ <u>32.⁰⁰</u> per lin.ft.	\$ <u>5120.⁰⁰</u>
10.a.	Special	Lower existing 3/4" (and larger) copper water services which conflict with proposed storm sewer	60 Lin.Ft.	\$ <u>15.⁰⁰</u> per lin.ft.	\$ <u>900.⁰⁰</u>
b.		Lower 6" watermain	20 Lin.Ft.	\$ <u>94.⁵⁰</u> per lin.ft.	\$ <u>1890.⁰⁰</u>
c.		Lower 12" watermain	20 Lin.Ft.	\$ <u>139.⁷⁰</u> per lin.ft.	\$ <u>2794.⁰⁰</u>

ITEM NO.	SPEC. NO.	DESCRIPTION	EST. UNIT QTY.	UNIT PRICE	AMOUNT
11.	Special	Replace existing cast iron water-main at sewer and catchbasin lead crossings with Ductile Iron water-main - material supplied by the Region of Peel (this item to include cost of labour, excavation and backfill only)			
a.		4" Ø watermain	1 Each	\$ <u>120.00</u>	\$ <u>120.00</u> per each
b.		6" Ø watermain	13 Each	\$ <u>160.00</u>	\$ <u>2080.00</u> per each
c.		8" Ø watermain	2 Each	\$ <u>240.00</u>	\$ <u>480.00</u> per each
d.		10" Ø watermain	1 Each	\$ <u>480.00</u>	\$ <u>480.00</u> per each
12.	Special	Supply and install 6" storm service connection from proposed storm sewer to existing lead at No. 111 Queen Street West as shown on the drawings	38 Lin.Ft.	\$ <u>32.00</u>	\$ <u>1216.00</u> per lin.ft.
13.	Special, City	Earth excavation to subgrade including removal of curb, road surface and base material	10,250 Cu.Yd.	\$ <u>3.90</u>	\$ <u>39975.00</u> per cu.yd.
14.	City Special	Remove and dispose of existing sidewalk as shown on drawings (5 sq.ft. = 1 lin.ft.)			
a.		Concrete sidewalk	2,550 Lin.Ft.	\$ <u>2.00</u>	\$ <u>5100.00</u> per lin.ft.
b.		Asphalt sidewalk	150 Lin.Ft.	\$ <u>1.00</u>	\$ <u>150.00</u> per lin.ft.
15.	City	Special subgrade excavation	100 Cu.Yd.	\$ <u>7.00</u>	\$ <u>700.00</u> per cu.yd.
16.	1010, City	Supply, place and compact granular base course			
a.		Granular "B"	10,250 Tons	\$ <u>3.98</u>	\$ <u>40795.00</u> per ton
b.		Granular "A"	4,100 Tons	\$ <u>4.38</u>	\$ <u>17958.00</u> per ton
c.		Sand Cushion (Provisional Item)	250 Tons	\$ <u>3.30</u>	\$ <u>825.00</u> per ton
d.		3/4" Clear Crushed Limestone (Provisional Item)	250 Tons	\$ <u>7.50</u>	\$ <u>1875.00</u> per ton

SCHEDULE OF QUANTITIES
AND UNIT PRICES

FT-10

CONTRACT #78-104
QUEEN ST. WEST

ITEM NO.	SPEC. NO.	DESCRIPTION			
17.	City	Supply and apply water for compaction of base course (1 m.g. = 1,000 Imperial Gallons)	50 M.G.	\$ <u>15.00</u>	\$ <u>750.00</u>
				per m.g.	
18.	City, 314	Supply and apply calcium chloride as directed by the Engineer	25 Tons	\$ <u>170.00</u>	\$ <u>4250.00</u>
				per ton	
19.	353 City Special	Construct concrete curb and gutter as per Standard #220	2,000 Lin.Ft.	\$ <u>4.77</u>	\$ <u>9540.00</u>
				per lin.ft.	
20.	353 City Special	Construct concrete curb and gutter as per Standard #226 which abuts concrete sidewalk	1,900 Lin.Ft.	\$ <u>6.00</u>	\$ <u>11400.00</u>
				per lin.ft.	
21.	351 City Special	Construct concrete sidewalk as per Standard #225 (5 sq.ft. = 1 lin.ft.)	1,700 Lin.Ft.	\$ <u>6.05</u>	\$ <u>10285.00</u>
				per lin.ft.	
22.	City Special 571	Supply and place nursery sod including 3 inches of topsoil where required	500 Sq.Yd.	\$ <u>2.50</u>	\$ <u>1250.00</u>
				per sq.yd.	
23.	City	Supply and apply water for sod (1 m.g. = 1,000 Imperial Gallons)	10 M.G.	\$ <u>15.00</u>	\$ <u>150.00</u>
				per m.g.	
24.	310 City	Supply, mix and place hot-mix, hot-laid asphalt exclusive of asphalt cement			
a.		H.L.6	1,740 Tons	\$ <u>12.65</u>	\$ <u>22011.00</u>
				per ton	
b.		H.L.3	1,040 Tons	\$ <u>13.25</u>	\$ <u>13780.00</u>
				per ton	
25.	310	Supply Asphalt Cement (See Information for Tenderers)	PROVISIONAL SUM		\$ <u>16,700.00</u>
26.	Special	6" Granular "A" plus 2" H.L.3 asphalt for boulevards between sidewalk and curb	800 Sq.Yd.	\$ <u>7.83</u>	\$ <u>6264.00</u>
				per sq.yd.	
27.	Special	Reinstate driveways from curb			
a.		6" Granular "A" plus 2" HL3 asphalt	275 Sq.Yd.	\$ <u>7.83</u>	\$ <u>2153.25</u>
				per sq.yd.	

SCHEDULE OF QUANTITIES
AND UNIT PRICES

FT-11

CONTRACT #78-104
QUEEN ST. WEST.

ITEM NO.	SPEC. NO.	DESCRIPTION	EST. UNIT QTY.	UNIT PRICE	TOTAL
b.		6"-3/4" crushed limestone	275 Sq.Yd.	\$ <u>4.⁵⁰</u> per sq.yd.	\$ <u>1237</u>
c.		5" - 3,000 p.s.i. concrete	20 Sq.Yd.	\$ <u>18.⁰⁰</u> per sq.yd.	\$ <u>360</u>
28.a.	310	Sawcut existing asphalt	200 Lin.Ft.	\$ <u>1.⁵⁰</u> per lin.ft.	\$ <u>300</u>
b.		Sawcut existing concrete sidewalk	50 Lin.Ft.	\$ <u>2.⁰⁰</u> per lin.ft.	\$ <u>100</u>
c.	Special	Burn in existing asphalt	300 Lin.Ft.	\$ <u>3.⁵⁰</u> per lin.ft.	\$ <u>1050</u>
29.	City	Adjust existing manholes and valve chambers to proposed grade	19 Each	\$ <u>70.⁰⁰</u> per each	\$ <u>1330</u>
30.a.	City Special	Adjust existing water or gas valves to finished grade	22 Each	\$ <u>20.⁰⁰</u> per each	\$ <u>440.</u>
b.		Relocate existing water service box and curb stop to street line	6 Each	\$ <u>153.⁹²</u> per each	\$ <u>923.⁵⁰</u>
31.	Special	Relocate existing hydrants	4 Each	\$ <u>841.⁰⁰</u> per each	\$ <u>3364.</u>
32.	City	Remove existing asphalt pavement on roadway (without excavation)	35 Sq.Yd.	\$ <u>2.⁰⁰</u> per sq.yd.	\$ <u>70.⁰⁰</u>
33.	Special	Supply and place 15 M Pa concrete	10 M ³	\$ <u>60.⁰⁰</u> per m ³	\$ <u>600.⁰⁰</u>
34.a.	Special	Supply and install Unilock "Red" Paving stones in herring bone pattern between George Street and Elizabeth Street including 4 inches Granular "A" and 2inch coarse sand bedding	3500 Sq.Ft.	\$ <u>2.⁷²</u> per sq.ft.	\$ <u>9520.⁰⁰</u>
b.		Excavate 3½'x3½' deep holes for trees including filling with topsoil all as detailed	11 Each	\$ <u>75.⁰⁰</u> per each	\$ <u>825.⁰⁰</u>
TOTAL FOR ITEMS 3.0 to 34.0 (inclusive) (this amount carried to summary)					\$ <u>276446</u>

Project 75-175 - 6", 10" & 12" watermains on Queen Street West, Brampton

ITEM NO.	DESCRIPTION	SIZE	EST. QNTY	UNIT	UNIT PRICE	A
1	Taking delivery and construction of watermains as follows:-					
a)	i) 12" D.I. watermain on Queen Street West from Mill Street South to George Street	12"	920	l.f.	20. ⁰²	18
	ii) 12" D.I. watermain across Queen Street at McMurphy Avenue	12"	38	l.f.	47. ²⁸	179
b)	6" & 10" D.I. watermains on Queen Street West at the following locations including tapping the existing 24" Phoenix pipe and installation of 6" off 24" (or 10" off 24") tapping saddle and valve, also including valve box on 6"					
	i) At Elliot Street	6"	42	l.f.	40. ²⁰	1688
	ii) Crossing Queen Street West at West Street	6"	75	l.f.	40. ⁵³	3039
	iii) At Mill Street South	6"	43	l.f.	40. ²⁰	1728
	iv) At McMurphy Avenue including remove the existing Valve E-20-153	10"	20	l.f.	117. ⁰⁴	2340
	v) At Park Street	10"	20	l.f.	117. ⁰⁴	2340
2	Setting hydrants at Sta. 17 + 28 as shown on Plan No. 2988-D					
a)			1	each	300. ⁰⁰	300
b)	Construct hydrant branch complete with valve and valve box from main to hydrant	6"	23	l.f.	16. ⁴⁹	379
3	Cut in 12" valve to existing chamber E-20-179 at Queen Street and McMurphy Avenue	12"	1	l.s.	880. ⁰⁰	880
4	Supply material and construct valve chambers as per Standard Drawing S-9 as follows:-					
a)	For 12" butterfly valve on Queen Street West at Sta. 11 + 35 and 14 + 30	60"	2	each	1036. ⁰⁰	2072

ITEM NO.	DESCRIPTION	SIZE	EST. QNTY	UNIT	UNIT PRICE	
b)	For 10" tapping valve on Queen Street West at McMurphy Avenue	60"	2	each	1036. ⁰⁰	
5	Replace the existing lead galvanized and 1/2" copper water service with 3/4" (or 1") copper tube including relocation (or installation) of curb stop and service box to street line as per Standard Drawing S-6 as follows:-					
a)	From the proposed 12" D.I. watermain to street line including tapping the watermain					
i)	Short water service without road crossing (20" to 24")	3/4"	2	each	446. ⁵⁰	8
ii)	Long water service with road crossing (42' to 44')	3/4" & 1"	4	each	1005. ⁰⁰	4
b)	From the existing 24" Phoenix steel pipe to street line including tapping the Phoenix pipe					
i)	Short water service without road crossing (20'+)	3/4" & 1"	6	each	581. ⁰⁰	348
ii)	Long water service with road crossing (47'+)	3/4"	4	each	1140. ⁰⁰	456
6	Extend existing water service from the existing 6" & 8" watermain and connect to the proposed 12" D.I. pipe (or to the existing 24" Phoenix pipe) and relocation of the curb stop and service box to street line as required as follows:-					
a)	Including tapping the 12" D.I. pipe	3/4" to 2"	8	each	491. ⁹⁰	393
b)	Including tapping the 24" Phoenix pipe	3/4" to 2"	6	each	626. ⁹⁰	376

Project 75-175 - 6", 10" & 12" watermains on Queen Street West, Brampton

ITEM NO.	DESCRIPTION	SIZE	EST. QNTY	UNIT	UNIT PRICE
7	Transfer the existing water service to the proposed 12" D.I. pipe (or to the existing 24" Phoenix pipe) without extending the water service but including the relocation of the curb stop and service box to street line as required as follows:-				
	i) Including tapping the 12" D.I. pipe	3/4" to 2"	12	each	220. ⁰⁰
	ii) Including tapping the 24" Phoenix pipe	3/4" to 2"	7	each	355. ⁰⁰
8	Remove and return the existing hydrant and hydrant branch valve as follows:-				
a)	E-20-53		1	each	250. ⁰⁰
9	Connect the existing 6" watermain to the proposed 12" D.I. watermain at the intersection of Queen Street West and George Street as shown on Plan No. 2988-D.	6"	1	l.s.	750. ⁰⁰
10	Cut and plug, cap (or install blind flange) as per drawings, the existing watermain at the following locations:-				
a)	6" watermain at the intersection of Queen Street West and McMurphy Avenue	6"	1	l.s.	250. ⁰⁰
b)	8" watermain at the intersection of Queen Street West and McMurphy Avenue	8"	1	l.s.	250. ⁰⁰
c)	8" watermain at the intersection of Queen Street West and Park Street off 24"	8"	1	l.s.	250. ⁰⁰
d)	6" watermain at the intersection of Queen Street West and Park Street off 10"	6"	1	l.s.	250.⁰⁰
e)	6" watermain at the intersection of Queen Street West and Park Street off 24"	6"	1	l.s.	250. ⁰⁰
f)	8" watermain on Queen Street West at George Street	8"	1	l.s.	350. ⁰⁰

ITEM NO.	DESCRIPTION	SIZE	EST. QNTY	UNIT	UNIT PRICE	A
11	Remove and return the existing 6" valve E-20-96 on McMurphy Avenue at Queen Street West and replace with a short pipe and sleeve to connect to the existing watermain	6"	1	l.s.	500. ⁰⁰	500
12	Remove and return frame and cover from the existing valve chamber and fill the chamber with excavated material at Elliot Street Valve E-20-75, at Park Street, Valve E-20-178, E-20-175 and at Mill Street on numbered chamber in front of House No. 127		5	each	120. ⁰⁰	600
13	Remove and dispose existing valve box		9	each	15. ⁰⁰	135
14	Remove and dispose the existing valve chamber, frame and cover and replace with a watermain valve chamber, frame and cover at Valve Chamber E-20-92		1	l.s.	250. ⁰⁰	250

Sub Total Items 1 to 14
(Carry to Summary)

15 Taking delivery and construction of 6" ductile iron watermain on Queen St. W. at the following locations without tapping the watermain

(a)	Crossing Queen St. W. at Mill St. N.	6"	70	l.f.	30. ⁰⁶	2104
(b)	At Elizabeth St. S.	6"	43	l.f.	24. ⁵¹	1053
(c)	Crossing Queen St. W. at Elizabeth St. N.	6"	85	l.f.	25. ⁹⁰	2201

Sub Total Items 1 to 15 72032
(Carry to Summary) 72032

The Contractor agrees to perform the following works as an extra as required by the Engineer in writing:-

	<u>Contingency Items</u>	<u>Est. Qty.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
I)	Supply and place the following including disposal of the excavated material as required based on trench widths as per Section P 222.3				
	a) 2,000 psi concrete	5	cu.yds.	40.00	200.
	b) Granular 'A'	10	ton	6.35	63.
	c) Granular 'B'	10	ton	5.25	52.
	d) Granular 'C'	10	ton	4.50	45.
	e) 3/4" Clear Stone	10	ton	7.50	75.
	f) 2" Crushed Stone	10	ton	8.50	85.
	g) Cold Patch Asphalt	5	sq.yd.	6.80	34.
	h) Timber Left In Place	1	M/ftm	350.00	350.
II)	Extra excavation and replacement without disposal of the excavated material:-				
	a) 5' - 10" depth	10	cu.yd.	5.00	50.
	b) 10' - 15' depth	10	cu.yd.	10.00	100.
	c) Greater than 15' depth	10	cu.yd.	15.00	150.
III)	Extra for bedding other than specified:-				
	a) Type 2 per Standard Drawing S-29	10	lin.ft.	5.00	50.
	b) Type 3 per Standard Drawing S-29	10	lin.ft.	10.00	100.
	c) Type 4 per Standard Drawing S-29	10	lin.ft.	15.00	150.

	<u>Contingency Items</u>	<u>Est. Qty.</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Amount</u>
IV)	Replace existing 5/8" copper water service with 3/4" copper tube from proposed 12" D.I. watermain (or from the 24" Phoenix steel pipe) to street line including relocation (or installation) of curb stop and service box as follows:--				
	a) Short water service without road crossing (20" to 24")				
	i) Including tapping the 12" D.I. pipe	2	each	446.80	893.60
	ii) Including tapping the 24" Phoenix steel pipe	2	each	581.00	1162.00
	b) Long water service with road crossing (43' to 47')				
	i) Including tapping the 12" D.I. pipe	2	each	1005.00	2010.00
	ii) Including tapping the 24" Phoenix steel pipe	2	each	1140.00	2280.00
V)	Additional over and above Item 13 for removal and returning existing valves as follows:--				
	a) 8" Valves E-20-93, E-20-241 & E-20-240	2	each	250.00	500.00
	b) 6" Valves E-20-152	1	each	200.00	200.00
	c) 3" & 4" Valves E-20-91, E-20-76, E-20-74, E-20-48, E-20-49 & E-20-149	6	each	175.00	1050.00
VI)	Additional over and above Item 12 for removal and returning the existing valves in Valve Chamber E-20-75, E-20-178 & in front of House #127	3	each	250.00	750.00

Sub Total Contingency Items I to VI

10,350.00

Carry to Summary

SCHEDULE OF QUANTITIES
AND UNIT PRICES

FT-18

CONTRACT #78-104
QUEEN ST. WEST

SUMMARY

A. SEWERS AND ROADWORKS

ITEM 1.0 Storm Sewer Piping
ITEM 2.0 Storm Manholes
ITEM 3.0 to 34.
Miscellaneous & Contingency Items
Nos. 1 to 34

\$ 79,156.93
\$ 11,635.87 ~~70~~ NL.
\$ 276,446.57 ✓
\$ 26,000.00

TOTAL OF SECTION "A" SEWERS AND ROADWORKS

\$393,239. ~~40~~ NL.

B. WATERWORKS

ITEM 1.0 to ~~14.0~~ 15.0
Miscellaneous and Contingency Items
for Waterworks

72,032.49 NL.
\$ 72,032.49
\$ 10,350.60 ✓

TOTAL OF SECTION "B" WATERWORKS

82,383.09 NL.
\$82,383.09

GRAND TOTAL OF CONTRACT 78-104

\$475,622.49 NL.
475,622.49 NL.

SED May 8 19 78



BY-LAW

No. 108-78

Corporation of the City of Brampton